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FULL-LINE CATALOG

# FULL-LINE CATALOG



















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  - ✓Create additional users and manage their site access
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**DISCLAIMER.** While intended to be accurate, the information contained in the Full Line Catalog is included for informational purposes only. Cross-references are to possible replacement and/or comparable parts, have been obtained from our parts suppliers and are subject to change without notice. Tech Tips, troubleshooting / diagnostic information and other guidance are general in nature and may not completely address all possible issues and causes. Use of this information is not intended to be a substitute for professional judgment. We recommend you contact the OEM / applicable part manufacturer in order to verify the suitability of a part for the intended application or a certified or experienced technician regarding any specific questions that you have. We make no guarantee, expressed or implied, as to the correctness of the catalog content (and are not responsible for misapplications) and any diagnosis based in whole or in part upon the use of this information.

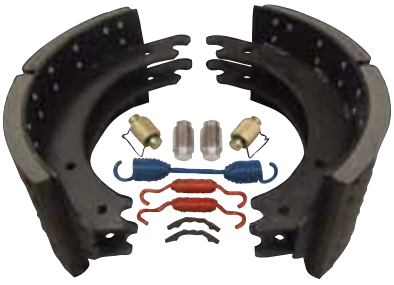
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# Brakes & Wheel End

1

## BRAKE SHOES RELINED

### BRAKE SHOES RELINED






| Kits | Standard Mixes | Premium Mixes |
|---|---|---|
| | | ORIGINAL EQUIPMENT GRADE |
| **PS20 MATERIAL — B**<br>• Most popular front, rear and trailer kits<br>• All kits contain 2 new shoes and heavy duty hardware<br>• All shoes hardened at cam and roller ends | **PS20 MATERIAL — B**<br>• Non-Asbestos — 20K Rated<br>• Meets/Exceeds USDOT/NHTSA Lab Testing for FMVSS121D<br>• "Standard" material comparable to Abex® 6014 | **PP20 MATERIAL — D**<br>• Non-Asbestos — 20K Rated<br>• Meets/Exceeds USDOT/NHTSA Lab Testing for FMVSS121<br>• Comparable to Abex® 6008-1, Carlisle® MB 21 and Meritor® MA212 |
| **PP23 MATERIAL — H**<br>• Triple side walled for superior durability<br>• Hand holes for easy handling<br>• Locking top flap for great stability<br>• Power tips for a great brake job on every box | **PP23 MATERIAL — H**<br>• Non-Asbestos — 23K Rated<br>• Meets/Exceeds USDOT/NHTSA Lab Testing for FMVSS121D<br>• "Standard" material comparable to Carlisle EC23 | **PP23 MATERIAL — J**<br>• Non-Asbestos — 23K Rated<br>• Meets/Exceeds USDOT/NHTSA Lab Testing for FMVSS121<br>• Comparable to Abex® 685 Carlisle® MB23 and Meritor® MA312, 557 |

All mixes meet/exceed FMVSS121 testing.

Abex

**EN6008-1**
- 20K Rated, 12K Front
- Comparable to PP20-D, Meritor® MA 212

**EX685**
- 23K Rated, 13.2K Front
- Comparable to PP23-J

**RN6260**
- 20K Rated, 12K Front
- Comparable to PP20-D, Meritor® MA 212

**RSM6061**
- 23K Rated, Reduced Stopping Distance
- Comparable to Meritor® MA2301, MA2302, MA2303

## BRAKE SHOES RELINED

| | | POWER PRODUCTS STANDARD | | POWER PRODUCTS PREMIUM | | ABEX PREMIUM | | | |
|---|---|---|---|---|---|---|---|---|---|
| BRAKE SIZE | SHOE TYPE | 20K | 23K | 20K | 23K | 20K | 20KRSD | 23K | 23KRSD |
| 15″ × 4″ EATON | 1308E | — | — | D1308E1 P20-1308E-B | J1308E1 P23-1308E-B | EN1308E | — | EX1308E | — |
| 15″ × 4″ MERITOR | 1308P | — | — | — | — | — | — | EX1308P | — |
| 15″ × 4″ MERITOR Q | 1308Q | — | — | D1308Q1 P20-1308Q-B | J1308Q1 | EN1308Q | — | EX1308Q | — |
| 15″ × 4″ EATON | 1443E | — | — | D1443E1 P20-1443E-B | J1443E1 P23-1443E-B | EN1443E | — | EX1443E | — |
| 16-1/2″ × 7″ EATON | 4311E | B4311E1 20-4311E-B | H4311E1 23-4311E-B | D4311E1 P20-4311E-B | J4311E1 P23-4311E-B | EN4311E | — | EX4311E | — |
| 16-1/2″ × 6″ MERITOR | 4514Q | — | — | — | — | EN4514Q | — | EX4514Q | — |
| 16-1/2″ × 7″ MERITOR | 4515F | — | — | — | — | EN4515P | — | EX4515P | — |
| 16-1/2″ × 7″ MERITOR Q | 4515Q | B4515Q1 20-4515Q-B | H4515Q1 23-4515Q-B | D4515Q1 P20-4515Q-B | J4515Q1 P23-4515Q-B | EN4515Q | — | EX4515Q | RSM4515QSB |
| 16-1/2″ × 7″ FRUEHAUF | 4515X3 | B4515X31 20-4515X3-B | H4515X31 23-4515X3-B | D4515X31 P20-4515X3-B | J4515X31 P23-4515X3-B | EN4515X3 | — | EX4515X3 | — |
| 16-1/2″ × 5″ MERITOR | 4524Q | — | — | — | — | EN4524Q | — | EX4524Q | — |
| 16-1/2″ × 5″ MERITOR | 4524QM | — | — | — | — | — | — | EX4524QM | — |
| 16-1/2″ × 8-5/8″ MERITOR | 4551Q | — | — | — | — | EN4551Q | — | EX4551Q | — |
| 12-1/4″ × 7-1/2″ STD. FORGE | 4591SF | — | — | — | — | — | — | EX4591SF | — |
| 15″ × 4″ MERITOR Q | 4702Q | — | — | D4702Q1 P20-4702Q-B | J4702Q1 P23-4702Q-B | EN4702Q | RN4702Q | EX4702Q | RSM4702QSB |
| 16-1/2″ × 7″ MERITOR Q PLUS | 4707Q | B4707Q1 20-4707Q-B | H4707Q1 23-4707Q-B | D4707Q1 P20-4707Q-B | J4707Q1 P23-4707Q-B | EN4707Q | RN4707Q | EX4707Q | RSM4707QSB |
| 16-1/2″ × 7″ EATON | 4709E | | 23-4709E2-B | | | EN4709E | — | EX4709E | — |
| 16-1/2″ × 7″ EATON EX. SERV. | 4709E2 | B4709E21 20-4709E2-B | H4709E21 | D4709E21 P20-4709E2-B | J4709E21 P23-4709E2-B | EN4709E2 | RN4709E2 | EX4709E2 | RSM4709E2SB |
| 16-1/2″ × 8-5/8″ MERITOR Q | 4711Q | | | D4711Q1 P20-4711Q-B | | EN4711Q | RN4711Q | EX4711Q | RSM4711QSB |
| 16-1/2″ × 6″ MERITOR | 4715Q | — | — | — | — | EN4715Q | — | EX4715Q | — |
| 16-1/2″ × 8″ MERITOR | 4718Q | — | — | — | — | EN4718Q | RN4718Q | EX4718Q | RSM4718QSB |
| 16-1/2″ × 5″ EATON EX. SERV. | 4719E2 | — | — | — | — | EN4719E2 | — | EX4719E2 | RSM4719ES2SB |
| 16-1/2″ × 5″ MERITOR Q | 4720Q | — | — | — | — | EN4720Q | RN4720Q | EX4720Q | RSM4720QSB |
| 16-1/2″ × 6″ EATON EX. SERV. | 4725E2 | — | — | — | — | — | RN4725E2 | EX4725E2 | RSM4725ES2SB |
| 16-1/2″ × 8-5/8″ EATON EX. SERV. | 4726E2 | — | — | — | J4726E21 P23-4726E2-B | EN4726E2 | RN4726E2 | EX4726E2 | RSM4726ES2SB |

## FRICTION SELECTION GUIDE

| TERRAIN | LOAD | DUTY CYCLE | GAWR | PRICE | PERFORMANCE |
|---|---|---|---|---|---|
| MOSTLY FLAT | LIGHT | LONG | 20K | B | D |
| | | | 23K | H | J |
| | | MIXED | 20K | B | D |
| | | | 23K | H | J |
| | | CITY | 20K | | D |
| | | | 23K | | J |
| | MODERATE | LONG | 20K | B | D |
| | | | 23K | H | J |
| | | MIXED | 20K | B | D |
| | | | 23K | H | J |
| | | CITY | 20K | D | J |
| | | | 23K | J | |
| | HEAVY | LONG | 20K | | D |
| | | | 23K | | J |
| | | MIXED | 20K | | D |
| | | | 23K | J | |
| | | CITY | 20K | | J |
| SOME FLAT, SOME HILLS | LIGHT | LONG | 20K | B | D |
| | | | 23K | H | J |
| | | MIXED | 20K | B | D |
| | | | 23K | H | J |
| | | CITY | 20K | | D |
| | | | 23K | J | |
| | MODERATE | LONG | 20K | | D |
| | | | 23K | | J |
| | | MIXED | 20K | | D |
| | | | 23K | J | |
| | | CITY | 20K | | D |
| | HEAVY | LONG | 20K | | D |
| | | MIXED | 20K | | D |
| | | CITY | 20K | | J |

| TERRAIN | LOAD | DUTY CYCLE | GAWR | PRICE | PERFORMANCE |
|---|---|---|---|---|---|
| SOME HILLS, SOME MOUNTAINS | LIGHT | LONG | 20K | D | J |
| | | | 23K | J | |
| | | MIXED | 20K | D | J |
| | | | 23K | J | |
| | | CITY | 20K | D | J |
| | MODERATE | LONG | 20K | D | J |
| | | | 23K | J | |
| | | MIXED | 20K | D | J |
| | | | 23K | J | |
| | | CITY | 20K | | J |
| | HEAVY | LONG | 20K | | J |
| | | MIXED | 20K | | J |

| | GROSS AXLE WEIGHT RATING (GAWR) | | |
|---|---|---|---|
| OPTIONS | 20 | 23 | 26 |
| STANDARD | B=Black | H=Green | |
| PREMIUM | D=Blue | J=Red | |

# BRAKE SHOES RELINED

## 15" DIAMETER — EATON®

**A** Anchor pin opening is 1-5/16" vs 1308Q is less than 1"
**B** 2-3/4" rivet spacing vs 2" for 1443E




**A** 2" rivet spacing vs 2 3/4" for 1308E



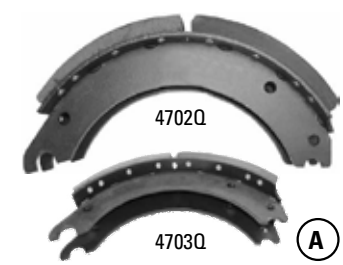

| | EATON PN | DESCRIPTION | GAWR |
|---|---|---|---|
| | **SINGLE ANCHOR PIN — PREMIUM** | | |
| | D1308E1 | Premium Friction; KIT | 20K |
| | P20-1308E-B | Premium Friction; Shoe | 20K |
| | J1308E1 | Premium Friction; KIT | 23K |
| | P23-1308E-B | Premium Friction; Shoe | 23K |
| | 5139P | Hardware Kit | — |
| | **SINGLE ANCHOR PIN, EXTENDED SERVICE — PREMIUM** | | |
| | D1443E1 | Premium Friction; KIT | 20K |
| | P20-1443E-B | Premium Friction; Shoe | 20K |
| | J1443E1 | Premium Friction; KIT | 23K |
| | P23-1443E-B | Premium Friction; Shoe | 23K |
| | 5139P | Hardware Kit | — |

## 15" DIAMETER — MERITOR® Q

**A** Anchor pin opening is 15/16" vs 1308E is 1-5/16"




**A** Double web design vs 1308 styles

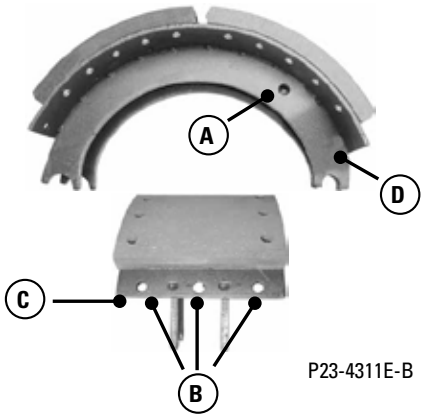



| | MERITOR PN | DESCRIPTION | GAWR |
|---|---|---|---|
| | **SINGLE WEB — PREMIUM** | | |
| | D1308Q1 | Premium Friction; KIT | 20K |
| | P20-1308Q-B | Premium Friction; Shoe | 20K |
| | J1308Q1 | Premium Friction; KIT | 23K |
| | 3869P | Hardware Kit | — |
| | **DOUBLE WEB — PREMIUM** | | |
| | D4702Q1 | Premium Friction; KIT | 20K |
| | P20-4702Q-B | Premium Friction; Shoe | 20K |
| | J4702Q1 | Premium Friction; KIT | 23K |
| | P23-4702Q-B | Premium Friction; Shoe | 23K |
| | 9064P | Hardware Kit | — |

**BRAKE SHOE KITS (2 SHOES AND HARDWARE) ARE AVAILABLE ON MANY BRAKE SHOE SIZES AND GRADES.**

## 16.5" DIAMETER — EATON®

**A** Fixed spring clip
**B** Holes in table vs "Tab" style
**C** Straight table edge vs "Tab" style
**D** Webs taper at roller end vs straight on 4709E2
**E** 4311E does not replace high mount design

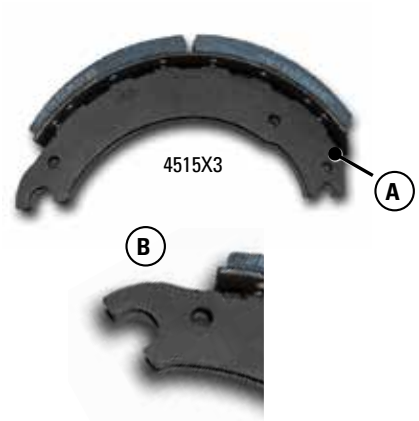


P23-4311E-B

| EATON PN | DESCRIPTION | GAWR |
|---|---|---|
| **SINGLE ANCHOR PIN — STANDARD MOUNT** | | |
| B4311E1 | Standard Friction; KIT | 20K |
| 20-4311E-B | Standard Friction; Shoe | 20K |
| H4311E1 | Premium Friction; KIT | 20K |
| P20-4311E-B | Premium Friction; Shoe | 20K |
| D4311E1 | Standard Friction; KIT | 23K |
| 23-4311E-B | Standard Friction; Shoe | 23K |
| J4311E1 | Premium Friction; KIT | 23K |
| P23-4311E-B | Premium Friction; Shoe | 23K |
| 1887ASHDP | Hardware Kit | — |

## 16.5" DIAMETER — FRUEHAUF®

**A** Slight hump vs 4515Q
**B** Table taper is different from 4515Q




| FRUEHAUF PN | DESCRIPTION | GAWR |
|---|---|---|
| **XEM QUICK CHANGE — 3RD DESIGN** | | |
| B4515X31 | Standard Friction; KIT | 20K |
| 20-4515X3-B | Standard Friction; Shoe | 20K |
| D4515X31 | Premium Friction; KIT | 20K |
| P20-4515X3-B | Premium Friction; Shoe | 20K |
| H4515X31 | Standard Friction; KIT | 23K |
| 23-4515X3-B | Standard Friction; Shoe | 23K |
| J4515X31 | Premium Friction; KIT | 23K |
| P23-4515X3-B | Premium Friction; Shoe | 23K |
| 3710SHDP | Hardware Kit | — |

* Left and right is required per wheel on 8-5/8"

**BRAKE SHOE KITS (2 SHOES AND HARDWARE) ARE AVAILABLE ON MANY BRAKE SHOE SIZES AND GRADES.**

# BRAKE SHOES RELINED

## 16.5" DIAMETER — MERITOR Q®

### 4707 Brake Shoe

**A** No hump on web vs 4515Q
**B** + sign in rivet table vs 4515Q
**C** Farther rivet hold positions from webs vs 4515Q




4707Q

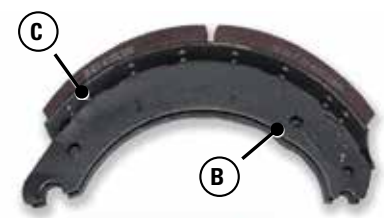



| | MERITOR PN | DESCRIPTION | GAWR |
|---|---|---|---|
| | B4707Q1 | Standard Friction; KIT | 20K |
| | 20-4707Q-B | Standard Friction; Shoe | 20K |
| | D4707Q1 | Premium Friction; KIT | 20K |
| | P20-4707Q-B | Premium Friction; Shoe | 20K |
| | H4707Q1 | Standard Friction; KIT | 23K |
| | 23-4707Q-B | Standard Friction; Shoe | 23K |
| | J4707Q1 | Premium Friction; KIT | 23K |
| | P23-4707Q-B | Premium Friction; Shoe | 23K |
| | 2769zSHDP | Hardware Kit | — |

## 16.5" DIAMETER — MERITOR®

### Quick Change — Q Series

**A** Straight edge from table vs X3 is humped
**B** Loose spring clip vs 4311E
**C** No + in rivet table vs 4707Q







4524Q

| | MERITOR PN | DESCRIPTION | GAWR |
|---|---|---|---|
| | B4515Q1 | Standard Friction; KIT | 20K |
| | 20-4515Q-1 | Standard Friction; Shoe | 20K |
| | D4515Q1 | Premium Friction; KIT | 20K |
| | P20-4515Q-1 | Premium Friction; Shoe | 20K |
| | H4515Q1 | Standard Friction; KIT | 23K |
| | 23-4515Q-1 | Standard Friction; Shoe | 23K |
| | J4515Q1 | Premium Friction; KIT | 23K |
| | P23-4515Q-1 | Premium Friction; Shoe | 23K |
| | 3895SHDP | Hardware Kit | — |

**BRAKE SHOE KITS (2 SHOES AND HARDWARE) ARE AVAILABLE ON MANY BRAKE SHOE SIZES AND GRADES.**

## NEW BRAKE SHOE KITS

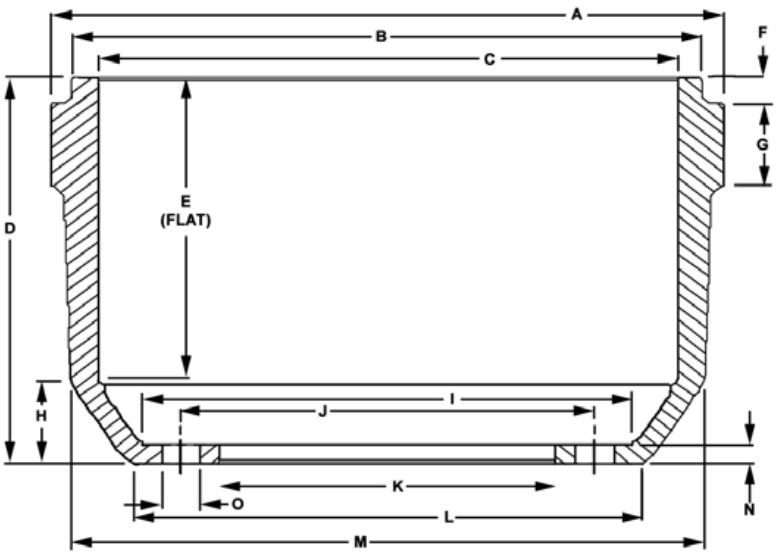
- Friction linings manufactured to meet all FMVSS-121 specifications
- Heat-treated roller and anchor journals help prevent distortion in heavy braking applications

| | HD VALUE PN | DESCRIPTION | POWER PRODUCTS CROSS REFERENCE |
|---|---|---|---|
|  | HDV4702Q20P | 20K Rated; 4702Q | D4702Q1 |
| | HDV1443E20P | 20K Rated; 1443E | D1443E1 |
| | HDV1308E20P | 20K Rated; 1308E | D1308E1 |
| | HDV4702Q23P | 23K Rated; 4702Q | J4702Q1 |
| | HDV1443E23P | 23K Rated; 1443E | J1443E1 |
| | HDV1308E23P | 23K Rated; 1308E | J1308E1 |
| | HDV4707Q20S | 20K Rated; 4707Q | B4707Q1 |
| | HDV4515Q20S | 20K Rated; 4515Q | B4515Q1 |
| | HDV4709E220S | 20K Rated; 4709E2 | B4709E21 |
| | HDV4707Q23S | 23K Rated; 4707Q | H4707Q1 |
| | HDV4515Q23S | 23K Rated; 4515Q | H4515Q1 |
| | HDV4311E20S | 20K Rated; 4311E | B4311E1 |
| | HDV4709E223S | 23K Rated; 4709E2 | H4709E21 |

**BRAKE SHOE KITS (2 SHOES AND HARDWARE) ARE AVAILABLE ON MANY BRAKE SHOE SIZES AND GRADES.**

## HOW TO MEASURE BRAKE DRUMS

When selecting a replacement drum, the manufacturer's name and part number is helpful. If this information is not available, a replacement drum can be selected by comparing dimensions. A drawing is shown below which indicates the dimensions required to determine the existence of a replacement drum. If all of the dimensions shown are not available, we must have at least dimensions C, D, E, J, K and O to make a selection.




A. Overall Diameter of Drum
B. Dust Shield Recess Diameter, If Applicable
C. Brake Surface Diameter
D. Overall Depth
E. Brake Surface Flat
F. Depth of Dust Shield Recess
G. Squeeler Band Thickness
H. Distance from Outside of Backface to Start of Taper
I. Inside Finished Diameter
J. Bolt Circle Diameter
K. Pilot Diameter
L. Outside Finished Diameter
M. Diameter at Taper
N. Backplate Thickness
O. Bolt Holes: Number and Size

## BRAKE DRUM SPECIFICATIONS

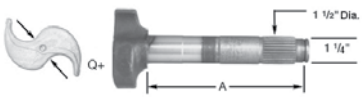

HDV1601B

| | POWER PRODUCTS PN | HD VALUE PN | BRAKE SIZE (IN.) | BOLT HOLES & SIZE | BOLT CIRCLE DIA. | PILOT DIA. | OVERALL DEPTH | WEBB | GUNITE | CONMET |
|---|---|---|---|---|---|---|---|---|---|---|
| | PP1501B | HDV1501B | 15 × 4 | 10 - 1.31 | 11.25 | 8.78 | 8.86 | 61528B | 3721AX | 107507 |
| | PP1502B | HDV1502B | 15 × 4 | 10 - 1.31 | 11.25 | 8.78 | 9.04 | 65548B | 3800X | 107164 |
| | PP1601B | HDV1601B | 16.5 × 7 | 10 - 1.00 | 11.25 | 8.78 | 10.62 | 66884 | 3576AX | 10037819 |
| | PP1603 | HDV1603 | 16.5 × 7 | 10 - .81 | 11.25 | 8.53 | 10.62 | 66893 | 3166A | — |
| | PP1605 | HDV1605 | 16.5 × 7 | 5/6 - .78/.66 | 11.00 | 9.44 | 8.38 | 67518 | 2983CX | — |
| | 65700P | HDV1606 | 16.5 × 7 | 10 - .81 | 11.25 | 9.44 | 9.50 | 62200 | 2705X | — |
| | 65724P | — | 16.5 × 7 | 8 - 1.00 | 10.83 | 9 | 10.62 | 66875 | 3141BX | 107875 |
| | PP1608B | HDV1608B | 16.5 × 7 | 10 - .81 | 11.25 | 9 | 10.62 | 66895 | 3141X | 107904 |
| | PP1610 | HDV1610 | 16.5 × 7 | 10 - .81 | 11.25 | 9.5 | 8.75 | 68730 | 3018AX | — |
| | 65708P | — | 16.5 × 7 | 10 - .81 | 11.25 | 9.44 | 10.75 | 60876 | 3120X | — |
| | 65725P | — | 16.5 × 7 | 10 - 1.00 | 11.25 | 8.78 | 11.18 | 66353F | 3757 | — |
| | PP1658B | — | 16.5 × 8.6 | 10 - 1.00 | 11.25 | 8.78 | 11.1 | 66800B | 3782X | 10080760 |
| | PP1613B | HDV1613B | 16.5 × 5 | 10 - 1.30 | 11.25 | 8.78 | 9.04 | 65710B | 3710X | 10020147 |
| | PP1615B | — | 16.5 × 8.6 | 10 - 1.00 | 11.25 | 8.78 | 11.46 | 66854B | 3807AX | 10012097 |

## DRIVE AXLES

### For Meritor Drive Axles with 16-1/2" Q+ Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-3/16", 28 Spline

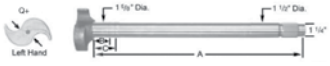
- Extended service camshafts CAN be used in place of standard camshafts
- Standard camshafts CANNOT be used in place of extended service camshafts when using extended service shoes and/or linings

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | — | E-9649 | LH | 8-9/16" | 2210 Q 7427 | 04-460852 | M2605L<br>M3109L | 3993BP<br>E-3993B |
| | — | E-9650 | RH | 8-9/16" | 2210 P 7426 | 04-460851 | M2605R<br>M3109R | |
| | — | E-9659 | LH | 8-9/16" | 2210 Q 7427 | 04-461122 | M2612L<br>M3111L | 3993BP<br>E-3993B |
| | — | E-9660 | RH | 8-9/16" | 2210 P 7426 | 04-461121 | M2612R<br>M3111R | |
| | 9661P | E-9661 | LH | 11-9/16" | 2210 A 6943 | 04-461152 | M2614L<br>M3112L | 3993BP<br>E-3993B |
| | 9662P | E-9662 | RH | 11-9/16" | 2210 Z 6942 | 04-461151 | M2614R<br>M3112LR | |

## TRAILER AXLES

### For Meritor Trailer Axles with 16-1/2" Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-3/16", 28 Spline

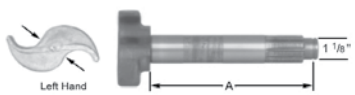
- Double snap-ring groove under head

| | HD VALUE PN | EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR PN | DAYTON PN | BWP PN | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | HDV1728DGL | E14822 | LH | 17-5/16" | 2210 B 6866 | 04-911731 | M3170L | OTR3520A<br>E-3520A<br>OTR3520AHD<br>E-3520AHD<br>E-3989AHD<br>OTR9078HD<br>E-9078HD<br>OTR9079HD<br>E-9078HD |
| | HDV1728DGR | E14823 | RH | 17-5/16" | 2210 C 6867 | 04-911732 | M3170R | |
| | HDV2028DGL | E14824 | LH | 20-13/32" | 2210 G 6871 | 04-912042 | M3171L | |
| | HDV2028DGR | E14825 | RH | 20-13/32" | 2210 F 6870 | 04-912041 | M3171R | |
| | HDV2428DGL | E14820 | LH | 24-1/16" | 2210 E 6869 | 04-932422 | M3172L | |
| | HDV2428DGR | E14821 | RH | 24-1/16" | 2210 D 6868 | 04-932121 | M3172R | |

## TRAILER AXLES, continued

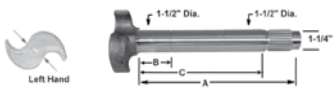
### For Eaton 16-1/2" Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-1/8", 10 Spline

- Extended service camshafts CAN be used in place of standard camshafts
- Standard camshafts CANNOT be used in place of extended service camshafts when using extended service shoes and/or linings
- Extended service camshafts are .060 longer than their standard counter part to allow for a special washer under the head

| | EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|
|  | E-5492 | LH | 11-1/2" | 806526 | 04-391162 | M3128L | 2125P<br>E-2125 |
| | E-5493 | RH | 11-1/2" | 806527 | 04-391161 | M3128R | |

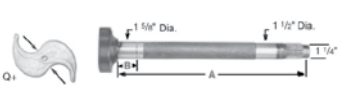
### For Hendrickson Intraax, 1-1/2" Diameter, Nominal Head Dim. 1-1/8", 28 Spline

- HXS — can be used with enclosed cam tube or exposed cam 2" O.D. bushing and seal

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | HENDRICKSON CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | 11866P | E-11866 | LH | 11-1/32" | S-24636-1L | 04-871122 | M3799L | **Exposed**<br>E-11450HD<br>11450HDP |
| | 11867P | E-11867 | RH | 11-1/32" | S-24636-1R | 04-870021 | M3799R | **Enclosed**<br>E-11897<br>E-11897H<br>E-11897HD<br>11897P |

### For Meritor 4000–6000 Series Trailer Axles with 16-1/2" Q+ Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-3/16", 28 Spline

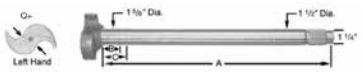
- For Meritor Q+, Q and P brake — can be used with cast spiders with press-in bushings or fabricated spiders with weld-on bushings

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | 2441BP | E2441B | LH | 17-5/16" | 2210 R 8156 | 04-891732 | M990L | 3520AP<br>E-3520A<br>3520AHDP<br>E-3520AHD<br>E-3989AHD |
| | 2442BP | E2442B | RH | 17-5/16" | 2210 Q 8155 | 04-891731 | M990R | |

## TRAILER AXLES, continued

### For Meritor Trailer Axles with 16-1/2" Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-3/16", 28 Spline

- Double snap-ring groove under head




| POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|
| 5506P | E5506 | LH | 17-5/16" | 2210 B 6866 | 04-911731 | M3170L | 3520AP<br>E-3520A<br>3520AHDP<br>E-3520AHD<br>E-3989AHD<br>9078HDP<br>E-9078HD<br>9079HDP<br>E-9078HD |
| 5507P | E5507 | RH | 17-5/16" | 2210 C 6867 | 04-911732 | M3170R | |
| 5508P | E5508 | LH | 20-13/32" | 2210 G 6871 | 04-912042 | M3171L | |
| 5509P | E5509 | RH | 20-13/32" | 2210 F 6870 | 04-912041 | M3171R | |
| 2443BP | E2443B | LH | 20-13/32" | 2210 G 6871 | 04-912042 | M3171L | |
| 2444BP | E2444B | RH | 20-13/32" | 2210 F 6870 | 04-912041 | M3171R | |
| 5510P | E5510 | LH | 24-1/16" | 2210 E 6869 | 04-932422 | M3172L | |
| 5511P | ESS11 | RH | 24-1/16" | 2210 D 6868 | 04-932121 | M3172R | |
| 2445BP | E2445B | LH | 24-1/16" | 2210 E 6869 | 04-932422 | M3172L | |
| 2446BP | E2446B | RH | 24-1/16" | 2210 D 6868 | 04-932121 | M3172R | |

### For Multi-Application Camshafts for Trailers with 16-1/2" Brake, Double Groove, 1-1/2" Diameter, Nominal Head Dim. 1-3/16", 10 Spline

- For Meritor Q+ brakes — standard universal 1-5/8" groove used on Paymaster RN and RL axles




| EUCLID PN | HEAD END | LENGTH (INCHES) | MERITOR CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|
| E1425A | LH | 20-7/16" | R607082 | 04-572043 | M562L<br>M565L | E-2089[1]<br>E-2088AHD<br>E-2287[2]<br>2088AHDP<br>2287P |
| E1424A | RH | 20-7/16" | R607081 | 04-572041 | M562R<br>M565R | |

1. Eaton Bolt On
2. Spicer & Standard Forge

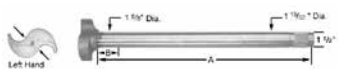
Note: All Euclid cam lengths are measured from beneath the cam head to the beginning of the lock ring groove.

## TRAILER AXLES, continued

### For Eaton Trailer Axles with 16-1/2" Extended Service (ES) Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-1/8", 28 Spline

| | EUCLID PN | HEAD END | LENGTH (INCHES) | EATON CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|
|  | E9059 | LH | 20-7/16" | 810025 | 04-742362 | M3131L | E-2696A<br>2696AP |
| | E9060 | RH | 20-7/16" | 810026 | 04-742361 | M3131R | |

### For Fruehauf Pro-Par Trailer Axles with 16-1/2" Brakes, 1-5/8" Diameter, Nominal Head Dim. 1-3/8", 37 Spline

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | FRUEHAUF CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | 1563P | E1563[1] | LH | 21-1/8" | AXA-000420-001 | 04-811622 | M563L | 2090P<br>E-2090<br>E-2122 (Old Style) |
| | 1564P | E1564[1] | RH | 21-1/8" | AXA-000420-002 | 04-811621 | M563R | |
| | — | E2099[2] | LH | 20-7/16" | AXA-000420-003 | 04-512122 | M566L | |
| | — | E2100[2] | RH | 20-7/16" | AXA-000420-004 | 04-812121 | M566R | |

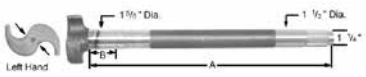
1. For Pro-Par axle with 16-1/2" brakes. Use with 37 serration slack adjuster.
2. For 16-1/2" Fruehauf brakes. Extra long for use with air ride suspension. Use with 37 serration slack adjuster.

Note: All Euclid cam lengths are measured from beneath the cam head to the beginning of the lock ring groove.

## TRAILER AXLES, continued

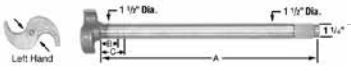
### For Spicer Trailer Axles with 16-1/2" XTRALIFE (XL) Brakes with 1-5/8" Bearing Journal, 1-1/2" Diameter, Nominal Head Dim. 1-1/8", 28 Spline

- These cams are "extended life" versions of this manufacturer's "standard version"
- If retrofitting from "standard" to "extended life" camshafts, Meritor strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | DANA/SPICER CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | 9731P | E9731 | LH | 17-7/16" | M16WKL25-175 | 04-561742 | M3696L | 9790AP<br>E-9790A<br>E-11910 |
| | 9732P | E9732 | RH | 17-7/16" | M16WKR25-175 | 04-561741 | M3696R | |
| | — | E9733 | LH | 20-7/16" | M16WKL25-205 | 04-562042 | M3697L | |
| | — | E9734 | RH | 20-7/16" | M16WKR25-205 | 04-562041 | M3697R | |
| | 9735P | E9735 | LH | 23-9/16" | M16WKL25-236 | 04-562351 | M3147L | |
| | 9736P | E9736 | RH | 23-9/16" | M16WKR25-236 | 04-562352 | M3147R | |
| | 10909P | E10909 | LH | 24-1/8" | M16WKL25-242 | 04-562412 | M3699L | |
| | 10910P | E10910 | RH | 24-1/8" | M16WKR25-242 | 04-562411 | M3699R | |
| | — | E11860 | LH | 26-1/4" | M16WKL25-264 | 04-562632 | — | |
| | — | E11861 | RH | 26-1/4" | M16WKR25-264 | 04-562631 | — | |

### For Spicer Trailer Axles with 16 1/2" XTRALIFE (XL) Brakes, 1-1/2" Diameter, Nominal Head Dim. 1-1/8", 28 Spline

- These cams are "extended life" versions of this manufacturer's "standard version"
- If retrofitting from "standard" to "extended life" camshafts, Meritor strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition

| | POWER PRODUCTS PN | EUCLID PN | HEAD END | LENGTH (INCHES) | DANA/SPICER CROSS | DAYTON CROSS | BWP CROSS | REPAIR KIT PN |
|---|---|---|---|---|---|---|---|---|
|  | — | E5524 | LH | 20-7/16" | M16WKL20-205 | 04-602042 | M3140L | E-2287<br>2287P |
| | — | E5525 | RH | 20-7/16" | M16WKR20-205 | 04-602041 | M3140R | |
| | 5526P | E5526 | LH | 23-9/16" | M16WKL20-236 | 04-602352 | M3142L<br>M3186L | |
| | 5527P | E5527 | RH | 23-9/16" | M16WKR20-236 | 04-602351 | M3142R<br>M3186R | |

Note: All Euclid cam lengths are measured from beneath the cam head to the beginning of the lock ring groove.

## CAMSHAFT REPAIR KITS

OTR9079HD





OTR2086B

Actual contents of each kit varies.

| BRAKE SIZE | PP PN | EUCLID PN | APPLICATION / DESCRIPTION | OE CROSS | DAYTON CROSS | BWP CROSS |
|---|---|---|---|---|---|---|
| 12-1/4" & 16-1/2" | — | E-11910 | Spicer (Dana) w/ 1-5/8" Cam Journal | M10KY105 | 08-132803 | N/A |
| 12-1/4" | 2469P | E-2469 | Spicer and Standard Forge Axles | M12KY202 | 08-132300 | MK24 / MK26 |
| 12-1/4" | N/A | E-5307 | Spicer (Dana) "U" Brake | 437062 | 08-132310 | N/A |
| 15" & 16-1/2" | 9790AP | E-9790A | Spicer (Dana) w/ 1-5/8" Cam Journal | 437118 | 08-132800 | MK103 |
| 15" & 16-1/2" | 3993BP | E-3993B | Meritor Q and Q+ for Drive Axles | 437048 | 08-138100 | MK81 |
| 15" & 16-1/2" | N/A | E-5501 | Eaton reduced Envelope Axles and Drive Axles w/ Extended Service Brakes | 437069 | 08-13510 | MK86 |
| 15" & 16-1/2" | 2125P | E-2125 | Eaton | 127808<br>131275<br>78500 | 08-135100 | MK19 |
| 15" & 16-1/2" | N/A | E-11904 | Meritor LX / MX 500 Series Brake | KIT8883 | N/A | N/A |
| 15" | N/A | E-5140 | Eaton 15" × 4" Single Anchor Pin Front Axle | 1008325 | 08-127500 | MK78 |
| 16-1/2" & 18" | 2086BP | E-2086B | Meritor P Series for Drive Axles | N/A | 08-130200 | MK17 |
| 16-1/2" | 11450HDP | E-11450HD | Hendrickson Intraax | S-23974 | 08-130300 | N/A |
| 16-1/2" | N/A | E-11819 | Eaton | N/A | N/A | N/A |
| 16-1/2" | 11897P | E-11897 | Hendrickson Intraax | S-26348 | N/A | N/A |
| 16-1/2" | N/A | E-11897H | Hendrickson Intraax Genuine | N/A | N/A | N/A |
| 16-1/2" | N/A | E-11897HD | Hendrickson Intraax Heavy Duty | N/A | N/A | N/A |
| 16-1/2" | 2088AHDP | E-2088AHD | Meritor P Series for Trailer Axles | N/A | 08-13010 | MK14 |
| 16-1/2" | 2090P | E-2090 | Fruehauf Pro-Par | AXA 000420900 | 08-133100 | MK20 |
| 16-1/2" | 2287P | E-2287 | Spicer and Standforge A17S, A19S, A22S Axles | M16KY100 | 08-132100 | MK24 / MK26 |
| 16-1/2" | 2382P | E-2382 | Meritor 4000–6000 Series Trailer Axles | KIT970 | 08-130600 | MK16 |
| 16-1/2" | 2696AP | E-2696A | Eaton Trailer | 1008347 | 08-136400 | MK63 |
| 16-1/2" | 3520AP | E-3520A | Meritor 4000–6000 Series Trailer Axles | KIT8048 | 08-130601 | MK61 |
| 16-1/2" | 3520AHDP | E-3520AHD | Meritor 4000–6000 Series Trailer Axles | KIT8048 | 08-130601 | MK61 |
| 16-1/2" | 6078P | E-6078 | Meritor Trailer Axle w/ Fabricated Brake Spiders | KIT8289 | 08-130610 | MK90 |
| 16-1/2" | 9078HDP | E-9078HD | Meritor Q and Q+ Brakes w/ Pressed-In Powdered Metal Spider Bushing for Trailer Axles | KIT8058 | N/A | MK89 |
| 16-1/2" | 9079HDP | E-9079HD | Meritor Q and Q+ Brakes w/ Pressed-In Powdered Metal Spider Bushing for Trailer Axles | KIT8078A | 08-130611 | MK88 |
| 16-1/2" | — | E-9791HD | Hendrickson Intraax | S21181 | 08-130301 | MK107 |
| — | — | E-2089 | Early Model Eaton (Shuler) 5" Round Axle | — | — | — |
| — | — | E-2133 | Eaton (Weld on) | — | — | — |
| — | — | E-2122 | Early Model Fruehauf "Pro-Par" Axles | — | — | — |
| — | — | E3989AHD | Late Model Meritor 4000-6000 Series Trailer | — | — | — |

## ALUMINUM WHEELS — POWER PRODUCTS



PPAW225HLW

- Forged wheels made from T6061 T6 high strength aluminum
- Fully polished to a mirror finish
- 5-year warranty (parts only)
- Higher strength of resistance
- Reduced maintenance vs. steel wheels
- Lighter weight increases fuel economy and load capacity

| WHEEL SIZE | PN | HAND HOLES | BOLT CIRCLE | BORE | INSET | OUTSET | WEIGHT | MAX. LOAD / (LB / PSI) | ACCURIDE™ CROSS | TRP CROSS |
|---|---|---|---|---|---|---|---|---|---|---|
| 22.5" × 8.25" | PPAW225HLW | 10 | 285.75 mm | 220.1 mm | 147 mm | 168 mm | 47 lb | 7,400 / 130 | 41644XP | AW2258BN |
| 24.5" × 8.25" | PPAW245H | 10 | 285.75 mm | 220.1 mm | 143.5 mm | 167.5 mm | 62 lb | 7,800 / 130 | 41362XP | AW2458BN |

## ALUMINUM WHEELS — ACCURIDE



41644

| | WHEEL SIZE | PN | HAND HOLES | BOLT CIRCLE | BORE | PILOT | OFFSET | WEIGHT | MAX. LOAD (LB / PSI) |
|---|---|---|---|---|---|---|---|---|---|
| | 22.5" × 8.25" | 41644 | 10 | 10 Hole / 285.75 mm | 220 mm | Hub | 6.59" | 45 lb | 7,400 / 131 |
| | 22.5" × 13.00" | 29376 | 10 | 10 Hole / 285.75 mm | 220 mm | Hub | 5.25" | 68 lb | 11,400 / 120 |
| | 22.5" × 14.00" | 41142 | 10 | 10 Hole / 285.75 mm | 220 mm | Hub | 2.00" | 56 lb | 12,800 / 131 |
| | 24.5" × 8.25" | 41362 | 10 | 10 Hole / 285.75 mm | 220 mm | Hub | 6.59" | 54 lb | 7,400 / 131 |

### Finish Options



XPC



XP



SP

| POLISH | DESCRIPTION | FINISH |
|---|---|---|
| XPC | Extra Polish w/ Accu-Shield | Best |
| XP | Extra Polish | Better |
| SP | Standard Polish | Good |

## ALUMINUM WHEELS — HD VALUE



HDVAW225H

- Forged wheels made from high strength aluminum
- Machined finish
- 5-year warranty (parts only)

### Hub Pilot

| WHEEL SIZE | HD VALUE PN | HAND HOLES | BOLT CIRCLE | BORE | INSET | OUTSET | WEIGHT | MAX. LOAD / (LB / PSI) | ACCURIDE™ CROSS | TRP CROSS |
|---|---|---|---|---|---|---|---|---|---|---|
| 22.5" × 8.25" | HDVAW225H | 10 | 285.75 mm | 220.1 mm | 147 mm | 168 mm | 47 lb | 7,400 / 130 | 41644SP | AW2258MN |
| 24.5" × 8.25" | HDVAW245H | 10 | 285.75 mm | 220.1 mm | 143.5 mm | 167.5 mm | 62 lb | 7,800 / 130 | 41362SP | AW2458MN |

### Stud Pilot

| WHEEL SIZE | HD VALUE PN | HAND HOLES | BOLT CIRCLE | BORE | INSET | OUTSET | WEIGHT | MAX. LOAD / (LB / PSI) | ACCURIDE™ CROSS | ALCOA CROSS |
|---|---|---|---|---|---|---|---|---|---|---|
| 22.5" × 8.25" | HDVAW225S | 10 | 11.25" | 8.67" | 5.77" | 6.59" | 49 lb | 7,800 / 120 | 28615SP | 88311 |
| 24.5" × 8.25" | HDVAW245S | 10 | 11.25" | 8.67" | 5.72" | 6.58" | 75 lb | 8,200 / 135 | 27599SP | 98312 |

# STEEL WHEELS

## STEEL WHEELS — ACCURIDE

**Lightweight, Hub Piloted**

- New revolutionary coating technology Steel Armor™ provides powerful corrosion protection, superior finish, and reduces refinishing costs
- Complete line allows additional payload, which equals increased ROI, provides fuel savings by reducing weight, helps offset additional weight of emissions equipment


50408

| WHEEL SIZE | PN | HAND HOLES | BOLT CIRCLE | BORE | PILOT | OFFSET | WEIGHT | MAX. LOAD (LB / PSI) |
|---|---|---|---|---|---|---|---|---|
| 19.5" × 6.00" | 29884 | 5 | 10-Hole / 225 mm | 170.10 mm | Hub | 5.35" | 52 lb | 4,000 / 115 |
| 19.5" × 6.75" | 50180 | 4 | 8-Hole / 275 mm | 221 mm | Hub | 5.50" | 59 lb | 5,000 / 120 |
| 22.5" × 8.25" | 50408 | 2 | 10-Hole / 285.75 mm | 220 mm | Hub | 6.60" | 70 lb | 7,400 / 120 |
| 22.5" × 8.25" | 50487 | 5 | 10-Hole / 285.75 mm | 220 mm | Hub | 6.60" | 68 lb | 7,400 / 120 |
| 22.5" × 8.25" | 29637 | 10 | 10-Hole / 285.75 mm | 220 mm | Hub | 6.60" | 66 lb | 7,400 / 120 |
| 22.5" × 9.00" | 29300 | 5 | 10-Hole / 285.75 mm | 220 mm | Hub | 7.00" | 108 lb | 10,000 / 130 |
| 22.5" × 14.00" | 29627 | 5 | 10-Hole / 285.75 mm | 220 mm | Hub | 2.00" | 127 lb | 12,800 / 125 |

**Finish Options**


PKWHT21


PKBLK21


PKGRY21

| PN | DESCRIPTION |
|---|---|
| PKWHT21 | Powder Topcoat Coating Finish — White |
| PKBLK21 | Powder Topcoat Coating Finish — Black |
| PKGRY21 | Powder Topcoat Coating Finish — Gray |

## STEEL WHEELS — POWER PRODUCTS

- E-coated and powder coated white
- 5-year warranty (parts only)
- Tire valves included and mounted
- Salt spray protection up to 2,000 hours


SW22.5H

| WHEEL SIZE | PN | HAND HOLES | BOLT CIRCLE | BORE | PILOT | OFFSET | WEIGHT | MAX. LOAD (LB / PSI) |
|---|---|---|---|---|---|---|---|---|
| 17.5" × 6.75" | SW17.5H | 4 | 8-Hole / 275 mm | 8.70" | Hub | 5.59" | 55 lb | 5,355 / 125 |
| 22.5" × 8.25" | SW22.5D | — | — | — | — | — | 75 lb | 7,400 / 120 |
| 22.5" × 8.25" | SW22.5H | 2 | 10-Hole / 285.75 mm | 8.66" | Hub | 6.61" | 75 lb | 8,000 / 120 |
| 22.5" × 8.25" | SW22.5S | 2 | 10-Hole / 285.75 mm | 8.72" | Stud | 6.61" | 75 lb | 8,000 / 120 |
| 24.5" × 8.25" | SW24.5H | 2 | 10-Hole / 285.75 mm | 8.66" | Hub | 6.61" | 90 lb | 8,000 / 120 |
| 24.5" × 8.25" | SW24.5S | 2 | 10-Hole / 285.75 mm | 8.72" | Stud | 6.61" | 90 lb | 8,000 / 120 |

## STEEL WHEELS — HD VALUE

- E-coated and powder coated white
- 3-year warranty (parts only)
- Tire valves included
- Salt spray protection up to 1,000 hours


HDVSW225H

| WHEEL SIZE | PN | HAND HOLES | BOLT CIRCLE | BORE | INSET | OUTSET | WEIGHT | MAX. LOAD (LB / PSI) |
|---|---|---|---|---|---|---|---|---|
| **HUB PILOT** | | | | | | | | |
| 22.5" × 8.25" | HDVSW225H | 5 | 285.75 mm | 220 mm | 6.18" | 6.61" | 67 lb | 7,400 / 120 |
| 24.5" × 8.25" | HDVSW245H | 5 | 285.75 mm | 220 mm | 6.22" | 6.65" | 83 lb | 7,400 / 120 |
| **STUD PILOT** | | | | | | | | |
| 22.5" x 8.25" | HDVSW225S | 5 | 11.25" | 8.74" | 6.61" | — | 69 lb | 7,400 / 120 |
| 24.5" x 8.25" | HDVSW245S | 5 | 11.25" | 8.66" | 6.65" | — | 22 lb | 7,400 / 120 |

## INNER CAP NUTS (Thread Sizes: 1.13" — 16 Outer; 0.75" — 16 Inner)

| | PN | INNER THREAD MIN. DEPTH | OUTER OVERALL LENGTH | DESCRIPTION |
|---|---|---|---|---|
|  E-7895 | E-7895-L | 1.25" | 2.22" | Through Hardened; Zinc Yellow Dichromate Plating |
| | E-7895-R | 1.25" | 2.22" | Through Hardened; Zinc Yellow Dichromate Plating |
| | E-7896-L | 1.25" | 2.56" | Through Hardened |
| | E-7896-R | 1.25" | 2.56" | Through Hardened |
|  E-5988 | E-7897-L | 1.88" | 3.06" | Through Hardened |
| | E-7897-R | 1.88" | 3.06" | Through Hardened |
| | E-5988-L | 1.94" | 3.06" | Through Hardened; Zinc Yellow Dichromate Plating |
| | E-5988-R | 1.94" | 3.06" | Through Hardened; Zinc Yellow Dichromate Plating |

## OUTER CAP NUTS

| | PN | DESCRIPTION | THREAD | HEX | HIGH |
|---|---|---|---|---|---|
|  E-4976-R | E-4976-R | Cap Nut for Dual and Single Mounted Wheels | .56"–18 | 1" | .69" |
| | E-5652-L | Single Mounting, Front or Rear | .75"–16 | 1.50" | .88" |
|  E-5652-R | E-5652-R | | .75"–16 | 1.50" | .88" |
| | E-5977-L | Forged Steel — Through Hardened; Zinc Yellow Dichromate Plating; Outer Dual or Large Stud Single Mounting | 1.13"–16 | 1.50" | .88" |
| | E-5977-R | | 1.13"–16 | 1.50" | .88" |
|  E-5995-R | E-5995-L | For Alcoa Wide Base Aluminum Wheels; "Long Grip" Cap Nut; Larger height provides greater lug wrench contact into wheel | .75"–16 | 1.50" | 1.38" |
| | E-5995-R | | .75"–16 | 1.50" | 1.38" |
|  E-5996-R | E-5996-L | For Alcoa Wide Base Aluminum Wheels; "Long Grip" Cap Nut; Larger height provides greater lug wrench contact into wheel | 1.13"–16 | 1.50" | 1" |
| | E-5996-R | | 1.13"–16 | 1.50" | 1" |

# WHEEL NUTS

## FLANGED CAP NUTS

| | EUCLID PN | DESCRIPTION | THREAD | HEX | HIGH |
|---|---|---|---|---|---|
|  E-5579 | E-5579-L | Outer Dual or Large Stud Single Mounting; Provides Extra Mounting Strength for Vehicles in Severe Service | 1.13" – 16 | 1.50" | 1.09" |
| | E-5579-R | | 1.13" – 16 | 1.50" | 1.09" |
| E-5991  | E-5991 | For Motor Wheel WHD-8 (8-Stud) Hub Piloted Wheel System; 2-Piece Flanged Nut | M22 × 1.5 | 1.50" | 1.38" |
|  E-6000A | E-6000A | Teflon Coated for Budd Uni-Mount-10 (10-Stud) Hub Piloted Wheel; 2-Piece Flanged Nut | M22 × 1.5 | 33 mm | 1.22" / 31 mm |
| | E-9020 | Alcoa Hub Piloted Wheels; 2-Piece Flanged Nut | M22 × 1.5 | 33 mm | 1.03" / 25 mm |

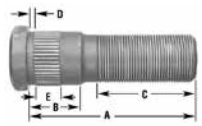
## BACK NUTS

| | EUCLID PN | DESCRIPTION | THREAD | HEX | HIGH |
|---|---|---|---|---|---|
|  E-4961A | E-4961A | Heat Treated Locknut; Grade C | .75"–16 | 1.13" | .63" |

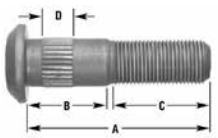
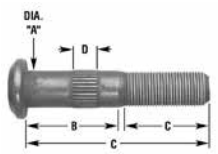
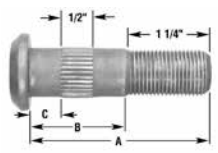
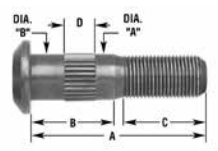
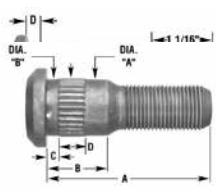
## SPOKE WHEEL RIM NUTS

| | EUCLID PN | DESCRIPTION | GRADE | THREAD | HEX | DAYTON CROSS | ERIE CROSS | GUNITE CROSS | WEBB CROSS | NWRA CROSS |
|---|---|---|---|---|---|---|---|---|---|---|
|  E-4962 | E-4962 | Flat Face 2 sides | 5 | .63" – 11 | 1.06" | 08-005149 | 5270 | WP2 | 74611 | N-26 |

## WHEEL STUDS — FRONT (Thread Sizes: 1-1/8" — 16; Grade 8)

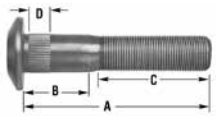
| | EUCLID PN | A | B | C | D | E | STUD BODY DIAMETER |
|---|---|---|---|---|---|---|---|
|  E-5982 | E-8972-L | 3.50" | 1.19" | 2.03" | .75" | — | 1.216 |
| | E-8972-R | | | | | | |
| | E-5982-L | 3.75" | 1.22" | 2.25" | .13" | .56" | 1.220 |
| | E-5982-R | | | | | | |

## WHEEL STUDS — SERRATED (Thread Sizes: 3/4" — 16; Grade 8)

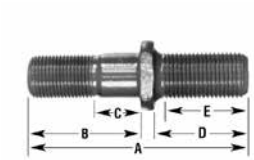
| | EUCLID PN PN | A | B | C | D | BODY DIA. | STUD BODY DIAMETER | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | "A" | "B" |
|  E-8969 | E-8983-L | 2.69" | .97" | 1.41" | .50" | .784 | — | — |
| | E-8983-R | | | | | | | |
| | E-8969-L | 2.94" | 1.31" | 1.41" | .50" | .784 | — | — |
| | E-8969-R | | | | | | | |
| | E-8968-L | 3.19" | .97" | 1.63" | .50" | .784 | — | — |
| | E-8968-R | | | | | | | |
|  E-8977 | E-8979-L | 3.34" | 1.28" | 1.84" | .50" | .784 | — | — |
| | E-8979-R | | | | | | | |
| | E-10208-L | 3.41" | 1.44" | 1.63" | .50" | .784 | — | — |
| | E-10208-R | | | | | | | |
|  E-4968 | E-5896-L | 3.38" | 1.31" | 1.25" | 1.00" | .974 | — | — |
| | E-5896-R | | | | | | | |
| | E-9010-L | 2.84" | .81" | 1.13" | .50" | — | .974 | — |
| | E-9010-R | | | | | | | |
| | E-4965-L | 2.38" | 1" | .25" | — | .784 | — | — |
| | E-4965-R | | | | | | | |
|  E-8947 E-5766 | E-4966-L | 2.63" | 1.25" | .31" | — | .784 | — | — |
| | E-4966-R | | | | | | | |
| | E-4967-L | 2.88" | 1.50" | .25" | — | .784 | — | — |
| | E-4967-R | | | | | | | |
|  E-8949 | E-4968-L | 2.88" | 1.50" | .50" | — | .784 | — | — |
| | E-4968-R | | | | | | | |
| | E-8947-L | 2.97" | 1.41" | 1.06" | .50" | — | .777 | .784 |
| | E-8947-R | | | | | | | |
| | E-5766-L | 3.88" | 2.50" | .56" | .31" | .784 | — | — |
| | E-5766-R | | | | | | | |
| | E-8949-L | 2.59" | .97" | .22" | .41" | — | .902 | .910 |
| | E-8949-R | | | | | | | |

# WHEEL STUDS

## WHEEL STUDS — SERRATED (Thread Size: M22 × 1.5; Grade 10.9)

| | EUCLID PN | A | B | C | D | BODY DIAMETER |
|---|---|---|---|---|---|---|
|  E-10219 | E-10219 | 4.47″ | 1.56″ | 2.56″ | .50″ | .910 |
| | E-10221 | 5.34″ | 1.56″ | 3.44″ | .50″ | .910 |

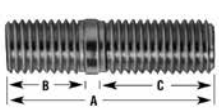
## WHEEL STUDS — CLIPPED COLLAR SHOULDER
(Thread Size: 3/4″ — 16 Both Ends; 0.784 Body Diameter; Grade 8)

| | EUCLID PN | A | B | C | D | E |
|---|---|---|---|---|---|---|
|  E-5559 | E-5556-L | 3.59″ | 2.06″ | .88″ | 1.34″ | 1.16″ |
| | E-5556-R | | | | | |
| | E-5559-L | 3.72″ | 2.19″ | 1.06″ | 1.34″ | 1.16″ |
| | E-5559-R | | | | | |
| | E-5561-L | 3.97″ | 2.44″ | 1.16″ | 1.34″ | 1.16″ |
| | E-5561-R | | | | | |
| | E-5551-L | 4.22″ | 2.69″ | 1.44″ | — | — |
| | E-5551-R | | | | | |
| | E-5553-L | 4.53″ | 3.00″ | 1.45″ | 1.34″ | 1.16″ |
| | E-5553-R | | | | | |

## WHEEL STUDS — METRIC CLIPPED HEAD (Grade 10.9)

| | EUCLID PN | A | B | C | D | STUD BODY DIA. | DESCRIPTION |
|---|---|---|---|---|---|---|---|
|  E-5997 | E-5992A | 3.56″ | .72″ | 2.47″ | 10.9 | .981 | M22 x 1.6 Threads, “D” Head |
| | E-5993 | 4.13″ | .72″ | 3.06″ | 10.9 | .981 | M22 x 1.6 Threads |
| | E-5997 | 3.66″ | .88″ | 2.45″ | .41″ | .981 | M22 x 1.5 Threads |
| | E-5999 | 4.56″ | .88″ | 3.40″ | .41″ | .981 | M22 x 1.5 Threads |
| | E-6036 | 3.50″ | .72″ | 2.25″ | .38″ | .975 | M22 x 1.5 Threads |
| | E-6035 | 3.94″ | .72″ | 2.69″ | .38″ | .975 | M22 x 1.5 Threads |
| | E-8981 | 4.00″ | .88″ | 2.91″ | .50″ | .975 | M22 x 1.5 Threads |
| | E-10676 | 4.25″ | .68″ | 3.25″ | .50″ | .975 | M22 x 1.5 Threads |
| | E-6034 | 4.78″ | .72″ | 3.53″ | .38″ | .975 | M22 x 1.5 Threads |
| | E-8980 | 5.09″ | .88″ | 3.75″ | .50″ | .975 | M22 x 1.5 Threads |

## WHEEL STUDS — RIM

| | EUCLID PN | A | B | C | THREAD SIZE |
|---|---|---|---|---|---|
|  E-4956A | E-4958 | 2.75″ | .88″ | 1.69″ | .63″ – 11 |
| | E-4956A | 3.00″ | 1.06″ | 1.75″ | .75″ – 10 |

## WHEEL BEARINGS

| | DESCRIPTION | BEARING POSITION | BOWER NTN PN | TIMKEN PN | POWER PRODUCTS PN |
|---|---|---|---|---|---|
|  SET406 | **12,000 lb Front** | Outer Set | SET406 | SET406 | PP3782ST |
| | | Outer Cup | 3720 | 3720 | PP3720 |
| | | Outer Cone | 3782 | 3782 | PP3782 |
| | | Inner Set | SET413 | SET413 | PP049ST |
| | | Inner Cup | HM212011 | HM212011 | PPHM212011 |
| | | Inner Cone | HM212049 | HM212049 | PPHM212049 |
| | | Inner Set | SET427 | SET427 | None |
| | | Outer Set | SET428 | SET428 | None |
|  SET413 | **19,000 lb Trailer** | Outer Set | SET413 | SET413 | PP049ST |
| | | Outer Cup | HM212011 | HM212011 | PPHM212011 |
| | | Outer Cone | HM212049 | HM212049 | PPHM212049 |
| | | Inner Set | SET405 | SET405 | None |
| | | Inner Cup | 653 | 653 | None |
| | | Inner Cone | 663 | 663 | None |
|  SET423 | **20,000 lb Front** | Inner Set | SET423 | SET423 | None |
| | | Outer Set | SET424 | SET424 | None |
|  SET401 | **22,500 lb Trailer** | Outer Set | SET413 | SET413 | PP049ST |
| | | Outer Cup | HM212011 | HM212011 | PPHM212011 |
| | | Outer Cone | HM212049 | HM212049 | PPHM212049 |
| | | Inner Set | SET414 | SET414 | PP248ST |
| | | Inner Cup | HM218210 | HM218210 | PPHM218210 |
| | | Inner Cone | HM218248 | HM218248 | PPHM218248 |
|  SET403 | **34,000 lb Drive** | Outer Cup | 39520 | 39520 | PP39520 |
| | | Outer Cone | 39590 | 39590 | PP39590 |
| | | Inner Cup | 47620 | 47620 | None |
| | | Inner Cone | 47686 | 47686 | None |
|  SET415 | **38,000–48,000 lb Drive** | Outer Set | SET401 | SET401 | PP580ST |
| | | Outer Cup | 572 | 572 | PP572 |
| | | Outer Cone | 580 | 580 | PP580 |
| | | Inner Set | SET403 | SET403 | PP594AST |
| | | Inner Cup | 592A | 592A | PP592A |
| | | Inner Cone | 594A | 594A | PP594A |
| | | Inner Set | SET429 | SET429 | None |
| | | Outer Set | SET430 | SET430 | None |
| | **Propar Trailer** | Inner & Outer Set | SET415 | SET415 | PP445ST |
| | | Inner & Outer Cup | HM518410 | HM518410 | PPHM518410 |
| | | Inner & Outer Cone | HM518445 | HM518445 | PPHM518445 |

## WHEEL SEALS

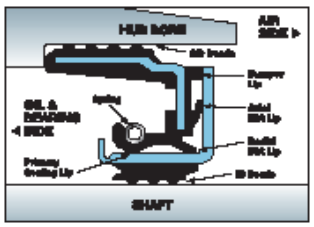
### SKF

### Scot-Seal® PlusXL

- Installs quickly and correctly by hand
- HNBR material provides heat resistance up to 300°F operating temperature
- Primary Waveseal® sealing lip sweeps oil back on the bearings for cooler operation
- 3 dirt barriers keep out contaminants extending service life
- 3 years/300,000 mile warranty

SCOT-SEAL
PLUSXL PLUSXL






SCOT-SEAL
CLASSIC

### Scot-Seal Classic

- Coated with Bore Tite®, which provides a better seal than a simple metal-to-metal press fit
- 1 year/100,000 mile warranty

### Power Products

- Provides a high level of protection against contaminants
- Easy to fit and install
- Works with branded installation tools



| APPLICATION | SKF PN | POWER PRODUCTS PN | NATIONAL PN | POWER PRODUCTS PN | STEMCO PN |
|---|---|---|---|---|---|
| 12,000 lb Front | 35066 | P35066 | 370001A | P370001 | 308-0836 |
| | — | — | — | — | 382-8036 |
| | 35058 | — | 380001A | — | 383-0136 |
| 16,000 lb Front — Mack | 43764 | — | 370048A | — | 383-0164 |
| 34,000 lb Drive | 38780 | — | 370023A | P370023 | 392-9099 |
| 38,000–48,000 lb Drive | 47697 | P47697 | 370003A | P370003 | 392-9131 |
| | 47691 | P47692 | 380003A | — | 309-0973 |
| | 47672 | — | 380031A | — | 393-0104 |
| | — | — | — | — | 393-0173 |
| | — | — | — | — | 393-0273 |
| 19,000 lb Trailer | 40136 | — | 370036A | P370036 | 372-7098 |
| 22,500 lb Trailer | 46305 | P46305 | 370025A | P370025 | 372-7097 |
| | 46300 | P46300 | 380025A | — | 307-0743 |
| | — | — | — | — | 373-0143 |
| | — | — | — | — | 373-0243 |
| ProPar Trailer | 42623 | P42623 | 370065A | P370065 | 372-7099 |
| | 42627 | — | 380065A | — | 307-0723 |
| | — | — | — | — | 373-0123 |

## STEMCO DEFENDER™

- Stainless steel reinforcement inserts
- Protection against water and contamination available with Sentinel® Technology
- Exceptional chemical bond between the hubcap body and window for strength and no leaks
- Superior sealing performance between hubcap and hub due to offset sealing boss on flange
- Magnetic plug option pulls abrasive material away from critical components

366-4024

363-4009

368-4195



| DEFENDER PN | TRADITIONAL PN | DESCRIPTION | BOLT CIRCLE | HEIGHT | PLUG PN |
|---|---|---|---|---|---|
| 363-4024 | 303-4024 | Red Rubber Plug "FF" w/ Side Fill — Bulk | 4-1/2" | 2-5/8" | 03-641-0019 |
| 360-4024 | 300-4024 | Red Rubber Plug "FF"— Bulk | 4-1/2" | 2-5/8" | — |
| 366-4024 | 356-4024 | Red Rubber Plug "FF"— Bulk | 4-1/2" | 2-5/8" | — |
| 363-4009 | 303-4009 | Red Rubber Plug "N" w/ Side Fill — Bulk | 5-1/2" | 2-5/8" | 03-641-0019 |
| 360-4009 | 300-4009 | Red Rubber Plug "N"— Bulk | 5-1/2" | 2-5/8" | — |
| 363-4195 | 343-4195 | Red Rubber Plug "P" w/ Side Fill — Bulk | 6-3/4" | 3-5/8" | 03-641-0019 |
| 360-4195 | 340-4195 | Red Rubber Plug "P"— Bulk | 6-3/4" | 3-5/8" | — |
| 368-4195 | 358-4195 | Red Rubber Plug "P"— Bulk | 6-3/4" | 3-5/8" | — |

## HUBCAPS & GASKETS — SKF



1612B-100

| SKF PN | STEMCO PN | BOLT CIRCLE | HEIGHT | OUTSIDE DIAMETER | GASKET PN |
|---|---|---|---|---|---|
| 1612B-100 | 300-4024 | 4.50 | 2.609 | 5.25 | HG0009 |
| 1643B-100 | 300-4009 | 5.5 - 5.562 | 2.469 | 6.25 | HG0024 |

## ALUMINUM HUBCAPS

| | STEMCO PN | PP PN | DESCRIPTION | PRIMARY APP. | BOLT CIRCLE | HEIGHT | FLANGE OD | WINDOW KIT PN | PLUG PN | GASKET PN |
|---|---|---|---|---|---|---|---|---|---|---|
|  300-4009 | 300-4009<br>340-4009 | 74009B | 6-Hole<br>No side plug | Trailer | 5.5″ | 2-3/4″ | 6.25″ | WK5995 | PL5990 | HG0009 |
| | 340-4013 | — | 5-Hole Trailer | Trailer | 5.5″ | 2-3/4″ | 6.25″ | — | — | HG0067 |
| | 300-4024 | 74024 | 6-Hole<br>Front | Front | 4.5″ | 2-5/8″ | 5.25″ | WK5999 | — | HG0024 |
| | 340-4195 | 74195 | 6-Hole<br>Front | Front | 6.75″ | 3-3/4″ | 7.50″ | WK5995 | PL5990 | HG0118 |
|  343-4249 | 340-4249 | 74249 | 6-Hole<br>Front | Front | 5.5″ | 1-13/16″ | 6.19″ | WK5912 | PL5915 | HG0009 |
| | 303-4009<br>343-4009 | 84009B | 6-Hole<br>w/ Side Plug | Trailer | 5.5″ | 2-3/4″ | 6.25″ | WK5995 | PL5990 | HG0009 |
| | 343-4024 | 84024 | 6-Hole Front<br>w/ Side Plug | Front | 4.5″ | 2-5/8″ | 5.25″ | WK5999 | PL5990 | HG0024 |
| | 343-4095 | — | 6-Hole<br>w/ Side Plug | Front | 5.5″ | 1-13/16″ | 6.19″ | WK5995 | PL5990 | HG0009 |
| | 343-4098 | — | 6-Hole<br>w/ Side Plug | Front | 5.5″ | 1-1/4″ | 6.25″ | WK5912 | PL5915 | HG0009 |
| | 343-4195 | 84195 | 6-Hole<br>w/ Side Plug | Front | 6.75″ | 3-3/4″ | 7.50″ | WK5995 | PL5990 | HG0118 |
| | 343-4249 | 84249 | 6-Hole<br>w/ Side Plug | Front | 5.5″ | 1-13/16″ | 6.19″ | WK5912 | PL5915 | HG0009 |

## PROPAR REPLACEMENT HUBCAPS — THREADED

| | STEMCO PN | PP PN | DESCRIPTION | HEIGHT | FLANGE OD | WINDOW KIT PN | PLUG PN | GASKET PN |
|---|---|---|---|---|---|---|---|---|
|  340-4975 | 340-4075 | — | w/ Screw Cap w/ O-Ring | 2-11/16″ | 6.88″ | WK5995 | PL5990 | 05500 |
| | 340-4975 | 74075 | Lexan | 2-3/4″ | — | — | — | 05500 |
| | 343-4075 | — | w/ Side Plug | 2-3/8″ | 6.88″ | WK5995 | PL5990 | 05500 |

## HUBODOMETERS — ELECTRIC

DataTrac PRO STEMCO WHEEL END PRODUCTS.

- **Programmable.** Stock only one part number and program the customer's specific requirement for any tire. Pre-set mileage and eliminate lead-time and charges
- **An indispensable tool for scheduling maintenance** based on actual mileage
- **Large, easy-to-read LCD display** for simple and accurate data retrieval. Optional flexibility of trip and life readings for precise data collection and management. Numbers automatically position upright for easy verification.

| | PN | DESCRIPTION |
|---|---|---|
|  600-9999 801-6000 | 600-9999 | DataTrac Pro |
| | 801-6000 | Programmer |

## HUBODOMETERS — STEMCO®

STEMCO WHEEL END PRODUCTS. HUBODOMETER®

- **An indispensable tool** for scheduling maintenance, determining lease charges, validating guarantees, and calculating costs per mile
- **Reliable mileage information.** Calibrated to perform on over 2,500 specific tire models and sizes to further ensure reliable mileage information
- **Can be preset** with the mileage data you require
- **500,000-mile warranty.** Guaranteed over-life-of-tire accuracy

| | STEMCO PN | DESCRIPTION | RPM | VR CROSS |
|---|---|---|---|---|
|  650-0598 | 650-0610 | 10/90R20, 11/80R22.5 STD, 10R22.5, 275/80R22.5, 295/75R22.5 STD | 522 | 777717-525 |
| | 650-0605 | 12.5R20, 295/75R22.5 HI, 275/80R22.5 STD, 295/80R22.5 STD | 513 | None |
| | 650-0601 | 285/75R24.5 STD, 275/80R24.5 STD, 11/80R24.5 STD, 13/80R20 STD | 504 | 777717-504 |
| | 650-0598 | 10.00-20, 11-22.5 STD, 285/75R24.5 HI, 13/75R22.5 STD | 500 | 777717-500 |
| | 650-0595 | 315/80R22.5 STD, 9.00-20, 10-22.5 XHI, 15-22.5 STD | 494 | 777717-494 |
| | 650-0587 | 10.00-22, 11-24.5 STD, 11.00-22, 12-24.5 LO, 10.00-20, 11-22.5 XHI, 15.50-20 STD | 480 | 777717-475 |

## HUBODOMETER BRACKETS

STEMCO WHEEL END PRODUCTS.

| | STEMCO PN | DESCRIPTION | BOLT CIRCLE DIAMETER | STUD SIZE | HEIGHT |
|---|---|---|---|---|---|
|  610-0065 | 610-0065 | Hubodometer Bracket | 5-1/2" | 5/16" | 4" |
| | 610-0084 | Hubodometer Bracket | 6-3/4" | 5/16" | 5" |

# TRAILER AXLES

## DRESSED TRAILER AXLES

- Assembled in USA
- Upgrades available on chambers, slacks, bearings, seals, drum, hub, hubcap, ABS
- Common configurations in stock at our axle center
- Axle tube w/spider, CAM, and shoes also available

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  | PN712A22ABS-SVC | 22.5K" — 71.5"TRK — 10-HP 3030SB AS ABS |
| | PN772A22ABS-SVC | 22.5K" — 77.5"TRK — 10-HP 3030SB AS ABS |
| | PQ712A22ABS-SVC | 25K" — 71.5"TRK — 10-HP 3030SB AS ABS |
| | PQ772A22ABS-SVC | 25K" — 77.5K" — 10-HP 3030SB AS ABS |
| | PQP712A22ABS-SVC | 25K" — 71.5"TRK — 10-HP TP-AXLE 3030SB AS ABS |

## SERVICE REPLACEMENT TRAILER AXLES

| | POWER PRODUCTS PN | MERITOR PN | DESCRIPTION | SPINDLE |
|---|---|---|---|---|
|  | P512S | TN4671LR1250 | 71.5" — 1/2" Wall — 5" Diameter 22.5K Standard Cams — Q Shoes | Tapered |
| | P572S | TN4671LR7250 | 77.5" — 1/2" Wall — 5" Diameter 22.5K Standard Cams — Q Shoes | Tapered |
| | P518L | TQ4671LR1350 | 71.5" — 5/8" Wall — 5" Diameter 25K Long Cams — Q Shoes | Tapered |
| | P578L | TQ4671LR7350 | 77.5" — 5/8" Wall — 5" Diameter 25K Long Cams — Q Shoes | Tapered |

## HUBCAP GASKETS — PREMIUM

- Dual density material
- Bead seal between holes
- Reusable



HG2009

| POWER PRODUCTS PN | DESCRIPTION |
|---|---|
| HG2009 | 6-Hole — 5-1/2" BC — 5/16" Bolts |
| HG2024 | 6-Hole — 4-1/2" BC — 5/16" Bolts |
| HG2067 | 5/6-Hole — 5-1/2" BC — 5/16" Bolts |
| HG2118 | 6-Hole — 6-3/4" BC — 5/16" Bolts |

## HUBCAP GASKETS — STANDARD

- Low density material conforms well to irregular surfaces
- Very good crush resistance
- Meets ASTM 104 requirements


HG0009

| POWER PRODUCTS PN | STEMCO PN | DESCRIPTION |
|---|---|---|
| HG0009 | 330-3009 | 6-Hole — 5-1/2" BC — 5/16" Bolts |
| HG0024 | 330-3024 | 6-Hole — 4-1/2" BC — 5/16" Bolts |
| HG0067 | 330-3067 | 5/6-Hole — 5-1/2" BC — 5/16" Bolts |
| HG0118 | 330-3118 | 6-Hole — 6-3/4" BC — 5/16" Bolts |

## DRIVE AXLE GASKETS — PREMIUM

- Solid aluminum
- Continuous bead seal on both sides
- Reusable at least 3 times



AG1107

| POWER PRODUCTS PN | DESCRIPTION | EUCLID CROSS |
|---|---|---|
| AG1106 | 8 Hole — 7" BC — 5/8" Bolts 8-1/4" OD, 6" ID | — |
| AG1107 | 8 Hole — 7" BC — 3/4" Bolts 8-1/2" OD, 5-5/8" ID | — |
| AG1111 | 8 Hole — 7" BC — 5/8" Bolts 8-3/8" OD, 5-3/4" ID | — |

# GASKETS / AXLE NUTS

## DRIVE AXLE GASKETS — STANDARD

- Low density material conforms well to irregular surfaces
- Very good crush resistance
- Meets ASTM 104 requirements

| | POWER PRODUCTS PN | STEMCO PN | DESCRIPTION | EUCLID CROSS |
|---|---|---|---|---|
|  AG0106 | AG0106 | 330-3106 | 8 Hole — 7" BC — 5/8" Bolts 8-1/4" OD, 6" ID | E2341 |
| | AG0107 | 330-3107 | 8 Hole — 7" BC — 3/4" Bolts 8-1/2" OD, 5-5/8" ID | E2431 |
| | AG0111 | 330-3111 | 8 Hole — 7" BC — 5/8" Bolts 8-3/8" OD, 5-3/4" ID | E2435 |

## AXLE NUTS

| | MERITOR PN | AXLE | OUTER CONE / CUP | STEMCO CROSS |
|---|---|---|---|---|
|  MER614723 | MER614723 | ProPar | HM518445 / 410 | 447-4723 |
| | MER614743 | Meritor Trailer | HM212049 / 011 | 447-4743 |
| | MER614836 | Steer | 3782/20 | 448-4836 |
| | MER614973 | Drive | 580/572 | 449-4973 |

## AUTOMATIC SLACK ADJUSTERS — POWER PRODUCTS



- The Power Products Automatic Slack Adjuster is engineered and manufactured with 40 years of experience.
- Underlying Power Products is a commitment to 100% testing and quality check of each and every ASA. Testing done in the USA.**
- The vast knowledge of parts design and function combined with unprecedented pre-package testing techniques assure Power Products customers that they are getting the value and quality on the road.**

## AUTOMATIC SLACK ADJUSTERS — ACCURIDE APPLICATIONS

- Unique clearance sensing design adjusts on the apply stroke, accurately reading the shoe-to-drum clearance when the brake drums are coolest and deflection of the brake system components are minimal
- Utilizes a 90-tooth Cone Clutch that provides fine incremental adjustments to ensure proper shoe-to-drum clearance
- Belleville springs provide a clutch preload that does not fade over time
- Drilled worm gear provides lubrication to help prevent seizure of the S-Cam splines under extreme conditions
- Worm Gear Buttress Teeth Design Set provides greater loading capability, fatigue life, enhanced durability, and higher S-Cam torque

| | GUNITE PN | POWER PRODUCTS PN | ARM LENGTH | # OF SPLINES | SPLINE DIAMETER | CLEVIS INCLUDED | APPLICATION |
|---|---|---|---|---|---|---|---|
|  AS1140 | AS1140 | 51140P | 5.5″ | 28 | 1.50″ | AS3019 | All Positions |
| | AS1141 | 51141P | 6.0″ | 28 | 1.50″ | AS3016 | Drive |
| | AS1132 | 51132P | 5.5″ | 10 | 1.50″ | AS3019 | All Positions |
| | AS1133 | 51133P | 6.0″ | 10 | 1.50″ | AS3016 | Drive |
| | AS1136 | 51136P | 5.5″ | 10 | 1.25″ | AS3019 | Front, Dolly |
| | AS1172* | 51172P | 5.5″ | 28 | 1.50″ | None | All Positions |
| | AS3000 | CA3000 | Threaded Clevis | | | | |

* Gunite 2000 — for welded on clevis applications.

## AUTOMATIC SLACK ADJUSTERS — MERITOR APPLICATIONS

| | POWER PRODUCTS PN* | MERITOR W/ CLEVIS PN | MERITOR W/O CLEVIS PN | CAM DIAMETER/ SPLINE | ARM LENGTH |
|---|---|---|---|---|---|
|  R803110 | — | — | R803048 | 1-1/2″ – 28 | 5-1/2″ |
| | — | — | R803049 | 1-1/2″ – 28 | 5-1/2″ |
| | — | — | R803054 | 1-1/2″ – 28 | 6″ |
| | — | — | R803055 | 1-1/2″ – 28 | 6″ |
| | 801041P | R801041 | R803195 | 1-1/2″ – 10 | 5-1/2″ |
| | 801042P | R801042 | R803106 | 1-1/2″ – 10 | 6″ |
| | 801073P | R801073 | R803110 | 1-1/2″ – 28 | 5-1/2″ |
| | 801074P | R801074 | R803112 | 1-1/2″ – 28 | 6″ |
| | 810019P | — | R810019 | Clevis Kit | — |

* Power Products includes clevis. Clevis not included with Meritor.
** Applies only to Power Products.

# AUTOMATIC / MANUAL SLACK ADJUSTERS

## AUTOMATIC SLACK ADJUSTERS — CREWSON®

| | STEMCO® PN | CAM. DIA. / SPLINE | ARM LENGTH |
|---|---|---|---|
|  MK42100S | MK42100S | 1-1/2" / 28 | 5-1/2" |
| | MK42106S | 1-1/2" / 28 | 6" |

## AUTOMATIC SLACK ADJUSTERS — HALDEX® & POWER PRODUCTS

| | HALDEX® PN | POWER PRODUCTS PN | CAM. DIA. / SPLINE | ARM LENGTH | EUCLID CROSS |
|---|---|---|---|---|---|
|  400-10140 | 400-10140 | 410140P | 1-1/2"/ 28 Drive | 5," 6" | E-6925B |
| | 400-10141 | 410141P | 1-1/2"/ 28 Drive | 5-1/2" | E-6927B |
| | 400-10143 | 410143P | 1-1/2"/ 10 Drive | 5-1/2" | E-6962 |
| | 400-10144 | 410144P | 1-1/2"/ 28 Drive | 6" | E-6918A |
| | 400-10155 | 410155P | 1-1/2"/ 10 Drive | 5-1/2" | — |
| | 400-10211 | 410211P | 1-1/2"/ 28 Trailer | 5-1/2" | E-6944 |
| | 400-10212 | 410212P | 1-1/2"/ 28 Trailer | 6" | E-6942 |

## AUTOMATIC SLACK ADJUSTERS — BENDIX® & POWER PRODUCTS

| | BENDIX® PN | POWER PRODUCTS PN | CAM. DIA. / SPLINE | ARM LENGTH |
|---|---|---|---|---|
|  K041876 | K041870 | 65170P | 1-1/2" / 10 | 5-1/2" |
| | K041876 | 65172P | 1-1/2" / 10 | 6" |
| | K041877 | 65175P | 1-1/2" / 28 | 6" |
| | K043197 | 65174P | 1-1/2" / 28 | 5-1/2" |

## MANUAL SLACK ADJUSTERS — POWER PRODUCTS

| | POWER PRODUCTS PN | CAM. DIA. / SPLINE | ARM LENGTH | CROSS |
|---|---|---|---|---|
|  44051 | 44041 | 1-5/8" / 37 | 6" | 283411 |
| | 44051 | 1-1/2" / 28 | 5", 6" | 286965 |
| | 44061 | 1-1/2" / 28 | 5-1/2", 6-1/2" | 288753 |
| | 44071 | 1-1/2" / 28 | 5", 6", 7" | 288282 |
| | 47001 | 1-1/2" / 10 | 5", 6", 7" | 278323 |
| | 47011 | 1-1/2" / 10 | 5-1/2", 6-1/2" | 278321 |

## CENTRIC PARTS®

- **Positive Molded.** Consistent material density throughout the lifetime of the pad
- **Precision Cut Backing Plates.** Proper fitment in brake caliper reduces vibration and noise
- **Mechanically Attached Shims.** Reduce noise associated with pad vibration
- **Complete Installation.** Application specific hardware included where applicable
- **Advanced Friction Formulas.** Asbestos and copper free friction formulas
- **Scorched.** Pre-burnishing accelerates pad break-in and improves initial pad effectiveness

### PADS — Posi Quiet

- **Engineered**. Available in 3 application specific friction compounds



| CENTRIC PN | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|
| 106.02240 | Dayton 2.50" Calipers * | E11102240 |
| 106.02250 | Bendix® 2.88" Calipers * | E11102250 |
| 106.04110 | 1988–2006 Ford 1-Ton * | E11104110 |
| 106.06550 | 1995–2006 Ford 250–450 Series * | E11106550 |
| 106.07170 | Bendix 2.60" Calipers * | E11101840 |
| 106.07690 | 1995–2007 Chevrolet, GMC 4500-8500 Series, Hino, Isuzu * | E11107690 |
| 106.07860 | Bosch 66MM Pin — Slider * | E11107861 |
| 106.07861 | Bosch 73MM Pin — Slider * | E11107860 |
| 106.08260 | 1998–2003 Isuzu, Chevrolet, GMC NPR, W4, W4500, W5500, NQR | E11108260 |
| 106.10100 | 2003–2012 Chevy / GMC C4500 Kodiak, C5500 Kodiak, C4500 Topkick, C5500 Topkick * | E11110100 |
| 106.10660 | 2005–2014 Ford, IHC F450, F550 F47 Super Duty, F53, 59, CF500, CF600, Terra Star * | E11110660 |
| 106.12680 | 5-Hole — Multiple Models for IHC, FTL, Sterling & Ford F650 | E11112680 |

* with hardware

## CENTRIC PARTS®

### FLEET PERFORMANCE BRAKE PADS

- **Para-aramid Formula.** Linear response at high and low temperature extremes
- **Engineered.** Formulated for high heat, repeat stop situations




| CENTRIC PN | APPLICATION |
|---|---|
| 306.07840 | 1999-2016 Cadillac, Chevrolet, GMC, Hummer Avalanche 2500, DeVille, DTS, Express 2500, Express 3500, Express 4500, G4500 Commercial Cutaway Chassis, H2, Savana 2500, Savana 3500, Savana 4500, Sierra 1500 HD, Sierra 2500, Sierra 2500 HD, Sierra 3500, Sierra 3500 HD, Silverado 1500, Silverado 1500 HD, Silverado 2500, Silverado 2500 HD, Silverado 3500, Silverado 3500 HD, Suburban 2500, Yukon XL 2500 |
| 306.10270 | 1987-2011 Iveco, Workhorse Euro Turbo Range 23-16, EuroTurbo 335T, EuroTurbo 340T, EuroTurbo 435T, EuroTurbo 450T, P500 - Fedex Delivery Truck, W16, W18, W42 |
| 306.07850 | 1999-2013 Cadillac, Chevrolet, GMC, Hummer Astro, Avalanche 1500, Avalanche 2500, Escalade, Escalade ESV, Escalade EXT, Express 1500, Express 2500, H2, Safari, Savana 1500, Savana 2500, Sierra 1500, Sierra 1500 HD, Sierra 2500, Sierra 2500 HD, Sierra 3500, Sierra 3500 HD, Silverado 1500, Silverado 1500 HD, Silverado 2500, Silverado 2500 HD, Silverado 3500, Silverado 3500 HD, Suburban 1500, Suburban 2500, Tahoe, Yukon, Yukon XL 1500, Yukon XL 2500 |
| 306.10660 | 2005-2016 Ford, International CF500, CF600, F-450 Super Duty, F53, F-550 Super Duty, LCF, TerraStar |
| 306.07560 | 1999-2009 Ford Excursion, F-250 Super Duty, F-350, F-350 Super Duty |
| 306.10690 | 2005-2012 Ford F-250 Super Duty, F-350 Super Duty, F-450 Super Duty |
| 306.06550 | 1995-2007 Ford E-150, E-150 Econoline, E-250, E-250 Econoline, E-250 Super Duty, E-350, E-350 Club Wagon, E-350 Econoline, E-350 Econoline Club Wagon, E-350 Super Duty, E-450 Econoline Super Duty, E-450 Super Duty, Econoline Super Duty, F-250, F-350 |
| 306.04590 | 1990-2002 Chevrolet, Dodge, GMC C3500, C3500HD, Express 2500, Express 3500, G30, G3500, K3500, Ram 2500, Ram 3500, Ram 4000, Savana 2500, Savana 3500 |
| 306.07570 | 1999-2005 Ford Excursion, F-250 Super Duty, F-350 Super Duty |
| 306.09090 | 2001-2010 Chevrolet, GMC Sierra 3500, Sierra 3500 HD, Silverado 3500, Silverado 3500 HD |
| 306.09650 | 2003-2008 Dodge Ram 1500, Ram 2500, Ram 3500, Ram 4000 |
| 306.14110 | 2009-2016 Chevrolet, GMC Express 3500, Express 4500, G4500 Commercial Cutaway Chassis, Savana 3500, Savana 4500, Sierra 2500 HD, Sierra 3500 HD, Silverado 2500, Silverado 2500 HD, Silverado 3500 HD |

* with hardware

## CENTRIC PARTS®

### ROTORS — Premium E-Coated Black Rotor

- **Heat Dissipation.** Symmetric vane core castings improve thermal efficiency
- **OE Design.** OE style vane designs ensure proper function, heat dissipation
- **Smoother Stops.** Double disc ground finishes establish parallelism and eliminate run out
- **Balanced.** Mill balanced to eliminate vibration
- **Corrosion Resistant.** E-Coated non-friction surfaces resist rust and corrosion

| | CENTRIC PN | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|
|  | 120.65042 | 1996–2006 Ford E300 — 450, 47 1 Ton Super Duty | E12570047 |
| | 120.80001 | 10-Hole — 79–02 Chevrolet, GMC School Bus, Topkick, 5500-8500 & Isuzu | E12585006 |
| | 120.80007 | 5-Hole — 79–02 Chevrolet, GMC School Bus, Topkick, 5500-8500 & Isuzu | E12585013 |
| | 120.83013 | 10-Hole — Multiple Models for IHC, FTL, Bluebird TC2000, Ford F750 | E12588018 |
| | 120.83014 | 10-Hole — Multiple Models Bluebird, Ford, FTL, IHC, KW, PB, Sterling, Thomas, Workhorse | E12688019 |
| | 120.83015 | 6-Hole — Multiple Models for IHC, FTL & 73–7 Bluebird TC2000 | E12588020 |
| | 120.83016 | 5-Hole — Multiple Models For IHC, FTL, Sterling & Ford F650 | E12588021 |

### SHOES — Premium New Brake Shoes

- **Coverage.** Widest application coverage in the automotive aftermarket
- **Installation Ready.** Centric brake shoes include OE style pins and levers
- **Engineered.** Specially developed friction compounds improve performance and service life
- **Tested.** Friction formulas are tested to meet or exceed OE performance levels
- **Heavy Duty.** Riveted friction surfaces for heavy duty applications

| | CENTRIC PN | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|
|  | 111.06470 | Bonded 88–07 Chevrolet, GMC 4500-8500 Series & Isuzu Parking Brake Shoe | E11606470 |
| | 112.04520 | Riveted — Heavy Duty 74-02 Chevrolet, GMC 1/2 — 1-Ton & Suburban | E11704520 |
| | 112.06990 | Riveted — 1988–2013 Chevrolet, GMC, Isuzu NPR, NPR-HD, W3500, W4500 | E11706990 |

## CENTRIC PARTS®

### BRAKE DRUMS

- **OE Design.** OE style castings ensure superior performance and extended service life
- **Attention to Detail.** Machined surfaces improve aesthetics and reduce vibration
- **Corrosion Resistant.** E-Coated non-friction surfaces resist rust and corrosion
- **Balanced.** Centric Premium drums are balanced reducing feedback and vibration

| | CENTRIC PN | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|
|  | 123.66029 | 1985–2003 Workhorse P32, P42 | E11861024 |
| | 122.76001 | 1989–2012 Chevrolet, GMC, Isuzu W4, NPR, W4500, NQR, W3500, NPR Reach Van, NPR Stripped Chassis | E11770996 |
| | 122.76000 | 1987–2012 Chevrolet, GMC, Isuzu W4, NPR, W3500 | E11770995 |
| | 123.66000 | 1985–2003 Workhorse P32, P42 | E11860995 |
| | 122.66029 | 1985–2003 Workhorse P32, P42 | E11761024 |

### PREMIUM BRAKE CALIPERS

- **Installation Ready:** Comes with all necessary brake pad hardware
- **Brackets:** Where applicable, application specific brackets included
- **Durable:** Application specific silicone boots and seals improve resistance to thermal fatigue
- **Corrosion Resistant:** Centric remanufactured calipers feature a corrosion resistant finish
- **Tested:** All Centric remanufactured calipers are pressure tested for leaks

| | CENTRIC PARTS PN | DESCRIPTION | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|---|
|  | 141.65015 | Reman Semi-Loaded | Right 1996–2006 Ford E450, 88–98, F450, F550 * | E14670020 |
| | 141.65016 | Reman Semi-Loaded | Left 1996–2006 Ford E450, 88–98, F450, F550 * | E14670021 |
| | 141.70001 | Reman Semi-Loaded | Bendix® 2.88" | E14675006 |
| | 141.79101 | Reman Semi-Loaded | Multiple Models For Ford, FTL, IHC, Isuzu, GMC & 79–03 Chevrolet * | E14684106 |
| | 141.80003 | Reman Semi-Loaded | Bendix 2.88" — Twin Piston * | E14685008 |
| | 141.83003 | Reman Semi-Loaded | Bosch 66 mm Pin — Slider * | E14688008 |
| | 141.83005 | Reman Semi-Loaded | Bosch 73 mm Pin — Slider * | E14688010 |
| | 142.83003 | Posi-Quiet Loaded | Bosch 66 mm Pin — Slider ** | E14788008 |
| | 142.83005 | Posi-Quiet Loaded | Bosch 73 mm Pin — Slider ** | E14788010 |

* Includes all applicable hardware
** Includes Extended Wear Posi-Quiet Pads and all applicable hardware

## CENTRIC PARTS®

### PREMIUM HYDRAULICS

- **Installation Ready:** Comes complete with reservoirs, switches, and floats
- **OE Design:** OE style castings and materials guarantee proper fit and function
- **Pre-Filled:** Pre-filled clutch hydraulic systems are available for popular applications
- **Coverage:** Complete application coverage for import and domestic vehicles

| | CENTRIC PARTS PN | DESCRIPTION | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|---|
|  | 134.64014 | Wheel Cylinder | 1941–2004 American Motors, Dodge, Ford, International, Jeep, Lincoln, Mercury, Navistar, International Harvester MD, Plymouth | E12959009 |
| | 134.64013 | Wheel Cylinder | 1941–2004 American Motors, Dodge, Ford, International, Jeep, Lincoln, Mercury, Navistar, International Harvester MD, Plymouth | E12959008 |
| | 134.66014 | Wheel Cylinder | 1979–2003 Chevrolet, GMC, Workhorse | E12961009 |
|  | 134.66013 | Wheel Cylinder | 1985–2003 Workhorse | E12961008 |
| | 134.62005 | Wheel Cylinder | 1958–1987 Dodge, IHC , GMC, Chevrolet, Ford | E12957000 |
| | 130.65058 | Master Cylinder | 1999 - 2011 Ford F450, F47 Super Duty, F550 Super Duty, F53, 59 | E12560053 |
| | 130.65063 | Master Cylinder | 1999–2001 Ford E450, 47 Super Duty | E12560058 |
| | 130.76010 | Master Cylinder | 1995–2012 Chevrolet, GMC, Isuzu W3500, W4, W4500, NPR, NQR, NPR Reach Van, NPR Stripped Chassis | E12571005 |
| | 130.65062 | Master Cylinder | 1999–2001 Ford E450, 47 Super Duty | E12560057 |
| | 130.83002 | Master Cylinder | 1941–1982 IHC 5 COE, K, KS, 6 K, KS, 7 K, KS, 7 COE, K, KS, L, LC, R, RC Models, L, R Models, AM, AMC Metro, R185, R1853 Bus , SM Models, S, CO Models, S, SC160 Models 2WD, S164 4WD, S170, 173 FC Bus, 183 FC School Bus Forward Control, A, AC, B, BC Models, A, AC, B, BC Models , A, AC, B, BC Models 2WD, A, AC, B, BC Models 4WD, 1800, 1824 Loadstar, 1803, 1823 School Bus, 1853 Bus, 1700 4WD Models, 1703 School Bus, 1600 Loadstar 4WD , 1700 Loadstar Conventional, 1600, 1624 Loadstar 2WD, 1603 School Bus, 1750 Loadstar, 1850 Loadstar except Tandem, CO1610A, B, FC Cargostar, CO1630A, B, FC Cargostar, 1724 Loadstar, S Models, Binder , S1723, S1724, S1753, S1754 S Models, S1823, S1853 School Bus, S1853FC, S1824, S1854 Conventional, 1650 Loadstar | E12577997 |

## SERVICE CHAMBERS — AIR DISC BRAKES, 3/8–18

- 3-year limited warranty

| | POWER PRODUCTS PN | STROKE | BENDIX® SERVICE PN |
|---|---|---|---|
|  PP-SC16AD | PP-SC16AD | 2.500″ | K028226 |
| | PP-SC18AD | 2.500″ | K028022 |
| | PP-SC20AD | 2.500″ | K028225 |
| | PP-SC20LAD | 3.000″ | — |
| | PP-SC24AD | 2.500″ | K028252 |

## SPRING BRAKES — AIR DISC BRAKES, 3/8–18, DD

- 3-year limited warranty

| | POWER PRODUCTS PN | STROKE | BENDIX® OEM PN | BENDIX® SERVICE PN | BENDIX® UNIVERSAL PN |
|---|---|---|---|---|---|
|  PP-1824AD | PP-1624AD | 2.500″ | K042457 | K042457 | K042457 |
| | PP-1824AD | 2.500″ | 5020489 | 803154 | K043329 / K026451 |
| | | 2.500″ | K026129 | K026338 | K043329 / K026451 |
| | | 3.000″ | K026127 | K026336 | K043329 / K026451 |
| | | 2.500″ | K026128 | K026337 | K043329 / K026451 |
| | PP-2024AD | 2.500″ | K041960 | K041960 | K041960 |
| | PP-2030AD | 2.500″ | — | — | — |
| | PP-2430AD | 2.500″ | K043270 | K043270 | K043270 |

## BRAKE PADS — AIR DISC BRAKES



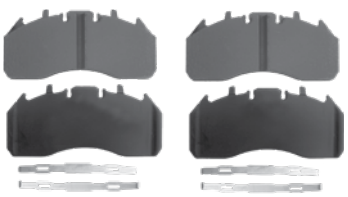
PP-D1369

| POWER PRODUCTS PN | OEM MAKER | OEM CALIPER TYPE | OEM PAD CROSS | FMSI NO. |
|---|---|---|---|---|
| PP-D1203 | Bendix/KB | SB7, SN7 | OE#_5013257 | 8323-D1203 |
| PP-D1369 | Bendix/KB | ADB22X, SK7 | OE#_802078, K070796 | 8479-D1369 |
| PP-D1527 | Haldex | MODULX-DB22 | OE#_79022008 | 8735-D1527 |
| PP-D1310 | Meritor | Lucas D-Elsa2 | OE#_68324558, N508206052 | 8425-D1310 |
| PP-D1311 | Meritor | EX225_H2_(LG Radius) | OE#_3222F2476, 2252H2CD | 8426-D1311 |
| PP-D1312 | Meritor | D_Lisa | OE#_68932068NZP | 8427-D1312 |
| PP-D1323 | Meritor | EX225_H3_(SM Radius) | OE#_2252H3BE/CE | 8435-D1323 |
| PP-D1370 | Meritor | EX225_L2_Std Duty | OE#_2252 L2 CD | 8480-D1370 |
| PP-D1407 | Meritor | D LISA1 | OE#_N508206046 | 8515-D1407 |
| PP-D1441 | Meritor | ESD225 | OE#_976003N | 8577-D1441 |
| PP-D1525 | Meritor | DX195 | OE#_195020 | 8733-D1525 |
| PP-D1526 | Meritor | DX225 | OE#_KIT225020 | 8734-D1526 |
| PP-D1560 | Meritor | D DUCO | OE#_20918891 | 8771-D1560 |
| PP-D1690 | Meritor | EX225 H2 | OE#_2252H2BA | 8917-D1690 |
| PP-D1708 | Meritor | ELSA 225-3 | OE#_2102702 | 8931-D1708 |
| PP-D1438 | WABCO | PAN19 | OE#_12999737VT | 8556-D1438 |
| PP-D1518 | WABCO | PAN17 | 0E#_2611-12999703VT | 8727-D1518 |
| PP-D1777 | WABCO | PAN22 | OE#_1299796 | 9007-D1777 |
| PP-D1777-2 | WABCO | MAXXUS | OE#_6403229342 | — |

## AIR DISC BRAKES — BENDIX

| | BENDIX PN | DESCRIPTION |
|---|---|---|
|  5013257 | 5013257 | SB-7, SN-7 Pad Kit |
| | 802082 | ADB22X Rotor |
| | 802807 | ADB22X Shield Kit |
|  802669 | 802669 | SB-7, SN-7 Pad Kit |
| | K070796 | ADB22X Pad Kit |

## AIR DISC BRAKES — MERITOR

| | MERITOR PN | DESCRIPTION |
|---|---|---|
|  3218Z156 | 3218A1145 | Rotor, 6.22" Depth, 1.28" Bolt Holes |
| | 3218K167 | Rotor, 6.14" Depth, .827" Bolt Holes |
|  | 3218Z156 | Rotor, 5.78" Depth, .827" Bolt Holes |
| | KIT15016 | Slide Pin Kit |
| | KIT2252H2CD | EX225-761 Pad Kit |

# GLADHANDS

## GLADHANDS

- Connects the trailer air system to the tractor
- Blue designates the service (control) line, red the emergency (supply) line
- Additional multiple mounting options and several shut-off designs used for auxiliary systems


11450PB


GH16300


11440P


11445P


36153P


GH11014

| | POWER PRODUCTS PN | AIR LINE | NPT | HALDEX CROSS | PHILLIPS CROSS | SLOAN CROSS | TRAMEC SLOAN CROSS |
|---|---|---|---|---|---|---|---|
| | **STANDARD** | | | | | | |
| | 11450PB | Universal | 1/2″ | 11450 | 12-010 | 441047 | 36301 |
| | 11451PB | Emergency | 1/2″ | 11451 | 12-008 | 441016 | 36201 |
| | 11452PB | Service | 1/2″ | 11452 | 12-006 | 441015 | 35101 |
| | **CAST IRON** | | | | | | |
| | GH16300 | Universal | 1/2″ | A86300 | 12-410 | 441092 | — |
| | **37° BRACKET MOUNT — w/ FILTER** | | | | | | |
| | 11440P | Service | 3/8″ — 2 | 11440 | 12-136 | 441023 | 36162 |
| | 11441P | Emeregncy | 3/8″ — 2 | 11441 | 12-138 | 441019 | 36262 |
| | 11444P | Service | 1/2″ — 2 | 11444 | — | — | — |
| | 11445P | Emergency | 1/2″ — 2 | 11445 | — | — | — |
| | **SHUTOFF** | | | | | | |
| | 36153P | Service | 3/8″ Tube | — | — | — | 36153 |
| | 36154P | Service | 1/2″ Tube | — | 12-306 | — | 36154 |
| | 36253P | Emergency | 3/8″ Tube | — | 12-308 | — | 36253 |
| | 36254P | Emergency | 1/2″ Tube | — | 12-310 | — | 36254 |
| | GH11004 | Service | 1/2″ — 2 | — | 12-307 | 441004 | 36156 |
| | GH11014 | Emergency | 1/2″ — 2 | — | 12-309 | 441014 | 36256 |

## GLADHAND SEALS & FILTERS


10017BK


10017B


10017R


10024P


10028P


GH20029

| POWER PRODUCTS PN | STYLE | HALDEX CROSS | PHILLIPS CROSS | SLOAN CROSS | TRAMEC CROSS |
|---|---|---|---|---|---|
| 10017B | Single Lip — Poly-Blue | DA9017B | 12-0161 | 441738 | 36011 |
| 10017BK | Single Lip — Poly-Black | — | 12-0163 | — | — |
| 10017R | Single Lip — Poly-Red | DA9017R | 12-0162 | 441737 | 36012 |
| 10017B/RS | 4 ea. 20017 R & B | — | — | — | — |
| 10024P | Sealed Type | 10024 | — | 441736 | — |
| 10028P | Double Lip — Black | 10028 | 12-012 | 441714 | 36001 |
| 441721P | Contaminant Protection | — | — | 441721 | — |
| GH20029 | Narrow Lip — Black | 10029 | 12-011 | — | — |
| GH20035 | Filter | 10035 | 12-038 | — | 36002 |

## GLADHAND ACCESSORIES



GHL50030


11401P


41721P


11400P

| POWER PRODUCTS PN | DESCRIPTION | HALDEX® CROSS |
|---|---|---|
| 11400P | Dummy Gladhand w/ Cable | 11400 |
| 11401P | Coupler w/ Chain, Vented | 11401 |
| 11402P | Coupler w/ Chain, Non-Vented | 11402 |
| GHL50030 | Gladhand Lock — Random Keys | 441752 |
| GHL50031K1 | Gladhand Lock — Key #1 | — |
| GHL50031K2 | Gladhand Lock — Key #2 | — |
| 41721P | Pacifier | — |

## GRIP HANDLES — PAIRS†

These re-usable units are used to extend the life of the fitting to tubing connection on your coiled air sets. The ends of each of the red and blue coils screw into these ribbed grips allowing the driver to use these as handles instead of pulling on the spring guards.


GA1


GP1

| POWER PRODUCTS PN | HANDLE TYPE | CROSS |
|---|---|---|
| GA1 | Aluminum | — |
| GP1 | Plastic | 441751 |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GLADHAND / PLUG CADDIES

Mounted to the back of the tractor cab, these units store the gladhands and plugs from the unattached coils when the tractor is not pulling a trailer. This helps keep the coils from dropping into the driveline.

| | PN | DESCRIPTION | HALDEX CROSS | PHILLIPS® CROSS |
|---|---|---|---|---|
|  RH15041 | RH15041 | 1 Plug, 2 Gladhand Holder | 15-041 | — |
| | EL34211 | 1 Plug Gladhand Caddy | 15-042 | 34-211 |

## COILED AIR SETS†

| | POWER PRODUCTS PN | DESCRIPTION | PHILLIPS® CROSS | TRAMEC SLOAN® CROSS |
|---|---|---|---|---|
|  11040 | 11012B | 12′ Single Blue | 11-311 | 451035NB |
| | 11012R | 12′ Single Red | 11-310 | 451035NR |
| | 11012 | 12′ Air Set | 11-312 | 451035N |
| | 11015B | 15′ Single Blue | 11-318 | 451036NB |
| | 11015R | 15′ Single Red | 11-317 | 451036NR |
| | 11015 | 15′ Air Set | 11-315 | 451036N |
| | 11020 | 20′ Coiled | — | — |
| | 11020R | 20′ Coiled | — | — |
| | 11020B | 20′ Coiled | — | — |
| | 11040B | 15′ w/ 40″ Leads, Blue | 11-3390 | 451039NB |
| | 11040R | 15′ w/ 40″ Leads, Red | 11-3380 | 451039NR |
|  21015 | 11040 | 15′ Air Set w/ 40″ Leads | — | 451039N |
| | 21015B | 15′ Single Blue w/ Brass Handle | 11-3180 | 451041NB |
| | 21015R | 15′ Single Red w/ Brass Handle | 11-3170 | 451041NR |
| | 21015 | 15′ Air Set w/ Brass Handles | 11-3150 | 451041N |
| | 21040 | 15′ w/ 40″ Leads & Handle | — | — |
| | 21040R | 15′ w/ 40″ Leads & Handle, Red | — | — |
| | 21040B | 15′ w/ 40″ Leads & Handle, Blue | — | — |
| | 210405 | 15′ Coil Set w/ 40″ Leads | — | 451042N |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 3:1 AIRLINE SET†

| | POWER PRODUCTS PN | HD VALUE® PN | DESCRIPTION |
|---|---|---|---|
|  NT451097 | — | NT451097 | 12′ |
| | 6818P | NT451098 | 15′ |

## RUBBER AIR LINES†

| | HD VALUE® PN | DESCRIPTION |
|---|---|---|
|  NT118115 | NT118112 | 12′ Black Rubber Air Line Set |
| | NT118115 | 15′ Black Rubber Air Line Set |

## FIFTH WHEEL COILS† — TUBING O.D. 1/4″, ENDS 1/4″ MPT

PBC fifth wheel coils provide a self storing means of supplying air to sliding fifth wheels. Kits include fittings and spring guards. Tubing meets SAE J844 Type A, and DOT FMVSS 106 Standard.

| | PN | WORKING LENGTH |
|---|---|---|
|  NT11054 | NT11054 | 54″ |
| | NT11072BH | 72″ |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CENTRIC PARTS®

### BRAKE DRUMS

- **OE Design.** OE style castings ensure superior performance and extended service life
- **Attention to Detail.** Machined surfaces improve aesthetics and reduce vibration
- **Corrosion Resistant.** E-Coated non-friction surfaces resist rust and corrosion
- **Balanced.** Centric Premium drums are balanced reducing feedback and vibration

| | CENTRIC PN | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|
|  | 123.66029 | 1985–2003 Workhorse P32, P42 | E11861024 |
| | 122.76001 | 1989–2012 Chevrolet, GMC, Isuzu W4, NPR, W4500, NQR, W3500, NPR Reach Van, NPR Stripped Chassis | E11770996 |
| | 122.76000 | 1987–2012 Chevrolet, GMC, Isuzu W4, NPR, W3500 | E11770995 |
| | 123.66000 | 1985–2003 Workhorse P32, P42 | E11860995 |
| | 122.66029 | 1985–2003 Workhorse P32, P42 | E11761024 |

### PREMIUM BRAKE CALIPERS

- **Installation Ready:** Comes with all necessary brake pad hardware
- **Brackets:** Where applicable, application specific brackets included
- **Durable:** Application specific silicone boots and seals improve resistance to thermal fatigue
- **Corrosion Resistant:** Centric remanufactured calipers feature a corrosion resistant finish
- **Tested:** All Centric remanufactured calipers are pressure tested for leaks

| | CENTRIC PARTS PN | DESCRIPTION | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|---|
|  | 141.65015 | Reman Semi-Loaded | Right 1996–2006 Ford E450, 88–98, F450, F550 * | E14670020 |
| | 141.65016 | Reman Semi-Loaded | Left 1996–2006 Ford E450, 88–98, F450, F550 * | E14670021 |
| | 141.70001 | Reman Semi-Loaded | Bendix® 2.88" | E14675006 |
| | 141.79101 | Reman Semi-Loaded | Multiple Models For Ford, FTL, IHC, Isuzu, GMC & 79–03 Chevrolet * | E14684106 |
| | 141.80003 | Reman Semi-Loaded | Bendix 2.88" — Twin Piston * | E14685008 |
| | 141.83003 | Reman Semi-Loaded | Bosch 66 mm Pin — Slider * | E14688008 |
| | 141.83005 | Reman Semi-Loaded | Bosch 73 mm Pin — Slider * | E14688010 |
| | 142.83003 | Posi-Quiet Loaded | Bosch 66 mm Pin — Slider ** | E14788008 |
| | 142.83005 | Posi-Quiet Loaded | Bosch 73 mm Pin — Slider ** | E14788010 |

* Includes all applicable hardware
** Includes Extended Wear Posi-Quiet Pads and all applicable hardware

## CENTRIC PARTS®

### PREMIUM HYDRAULICS

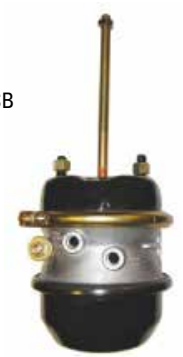
- **Installation Ready:** Comes complete with reservoirs, switches, and floats
- **OE Design:** OE style castings and materials guarantee proper fit and function
- **Pre-Filled:** Pre-filled clutch hydraulic systems are available for popular applications
- **Coverage:** Complete application coverage for import and domestic vehicles

| | CENTRIC PARTS PN | DESCRIPTION | APPLICATION | FORMULA BLUE® CROSS |
|---|---|---|---|---|
|  | 134.64014 | Wheel Cylinder | 1941–2004 American Motors, Dodge, Ford, International, Jeep, Lincoln, Mercury, Navistar, International Harvester MD, Plymouth | E12959009 |
| | 134.64013 | Wheel Cylinder | 1941–2004 American Motors, Dodge, Ford, International, Jeep, Lincoln, Mercury, Navistar, International Harvester MD, Plymouth | E12959008 |
| | 134.66014 | Wheel Cylinder | 1979–2003 Chevrolet, GMC, Workhorse | E12961009 |
|  | 134.66013 | Wheel Cylinder | 1985–2003 Workhorse | E12961008 |
| | 134.62005 | Wheel Cylinder | 1958–1987 Dodge, IHC , GMC, Chevrolet, Ford | E12957000 |
| | 130.65058 | Master Cylinder | 1999 - 2011 Ford F450, F47 Super Duty, F550 Super Duty, F53, 59 | E12560053 |
| | 130.65063 | Master Cylinder | 1999–2001 Ford E450, 47 Super Duty | E12560058 |
| | 130.76010 | Master Cylinder | 1995–2012 Chevrolet, GMC, Isuzu W3500, W4, W4500, NPR, NQR, NPR Reach Van, NPR Stripped Chassis | E12571005 |
| | 130.65062 | Master Cylinder | 1999–2001 Ford E450, 47 Super Duty | E12560057 |
| | 130.83002 | Master Cylinder | 1941–1982 IHC 5 COE, K, KS, 6 K, KS, 7 K, KS, 7 COE, K, KS, L, LC, R, RC Models, L, R Models, AM, AMC Metro, R185, R1853 Bus , SM Models, S, CO Models, S, SC160 Models 2WD, S164 4WD, S170, 173 FC Bus, 183 FC School Bus Forward Control, A, AC, B, BC Models, A, AC, B, BC Models , A, AC, B, BC Models 2WD, A, AC, B, BC Models 4WD, 1800, 1824 Loadstar, 1803, 1823 School Bus, 1853 Bus, 1700 4WD Models, 1703 School Bus, 1600 Loadstar 4WD , 1700 Loadstar Conventional, 1600, 1624 Loadstar 2WD, 1603 School Bus, 1750 Loadstar, 1850 Loadstar except Tandem, CO1610A, B, FC Cargostar, CO1630A, B, FC Cargostar, 1724 Loadstar, S Models, Binder , S1723, S1724, S1753, S1754 S Models, S1823, S1853 School Bus, S1853FC, S1824, S1854 Conventional, 1650 Loadstar | E12577997 |

## SPRING BRAKE CHAMBERS

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
| HDV-STD30UC  | HDV-STD30UC | Standard Stoke |
| | HDV-LS30UC | Long Stroke |

## STANDARD / LONG STROKE SPRING BRAKES

| | POWER PRODUCTS PN | MGM PN | TYPE | DESCRIPTION |
|---|---|---|---|---|
| 3030SB  | **STANDARD STROKE SPRING BRAKES** | | | |
| | 2424SB | —— | 24/24 | Combo Brake Assembly |
| | 2430SB | —— | 24/30 | Combo Brake Assembly |
| | 3030SB | 3430051 | 30/30 | Combo Brake Assembly |
| | 3030SB-13C | —— | 30/30 | Combo Brake INTRAXX |
| | 3030PBK | 3430008 | 30/30 | Piggyback Kit |
| | 3036SB | —— | 30/36 | Combo Brake Assembly |
| | 3636SB | —— | 36/36 | Combo Brake Assembly |
| | **LONG STROKE SPRING BRAKES** | | | |
| | 3030PBK-LS | 3230008 | 30/30 | Piggy Back Kit |
| | 3030SB-LS | 3230051 | 30/30 | Combo Brake Assembly |

## PIGGYBACK CHAMBERS

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
|  HDV-PBSTD30UC HDV-PBLS30UC | HDV-PBSTD30UC | Standard Stoke |
| | HDV-PBLS30UC | Long Stroke |

## SERVICE CHAMBERS — 3/8" AIR INLETS

- 2-Year Limited Warranty

| | POWER PRODUCTS PN | DESCRIPTION | MOUNTING STUDS CENTER-TO-CENTER | PUSH ROD THREAD | STUD LENGTH | DIAPHRAGM |
|---|---|---|---|---|---|---|
|  SC1200  SC1600  SC3000 | SC09 | Type 9 | 3.0" | 1/2 – 20 UNF | 1.12" | BD09 |
| | SC1200 | Type 12 | 3.0" | 1/2 – 20 UNF | 1.12" | BD12 |
| | SC1600 | Type 16 | 3.0" | 1/2 – 20 UNF | 1.12" | BD16 |
| | SC2000 | Type 20 | 4.75" | 5/8 – 18 UNF | 1.50" | BD20 |
| | SC2000-LS | Type 20 – Long Stroke | 4.75" | 5/8 – 18 UNF | 1.50" | BD24LS |
| | SC2400 | Type 24 | 4.75" | 5/8 – 18 UNF | 1.50" | BD24 |
| | SC2400-LS | Type 24 – Long Stroke | 4.75" | 5/8 – 18 UNF | 1.50" | BD24LS |
| | SC3000 | Type 30 w/ Clevis | 4.75" | 5/8 – 18 UNF | 1.50" | BD30 |
| | SC3000-LS | Type 30 – Long Stroke | 4.75" | 5/8 – 18 UNF | 1.50" | BD30LS |
| | SC3600 | Type 36 | 4.75" | 5/8 – 18 UNF | 1.75" | BD36 |

## AIR COMPRESSORS — Most popular

- Direct replacement for existing models
- Re-manufactured to exacting specifications





| PN | DESCRIPTION |
|---|---|
| 5002984X | TF-550 Air Compressor — Remanufactured |
| 5004188X | TF-550 Air Compressor — Remanufactured |
| 5004613X | TF-550 Air Compressor — Remanufactured |
| 5004187X | TF-750 Air Compressor — Remanufactured |
| 5002713X | TF-750 Air Compressor — Remanufactured |
| 103274X | TF-501 Air Compressor — Remanufactured |
| 229990RX | TF-1000 Air Compressor |
| 5012533X | BA-921 Cat Compressor |
| 5018485X | BA-921 Detroit Compressor |
| 3558072X | Cummins/Holset QE296C Air Compressor L10/N14 |
| 9111535100X | Wabco 85mm Cummins Compressor |
| 9111535200X | Wabco 85mm Cummins Compressor |
| 9111535400X | Wabco 85mm Mack Compressor |
| 4127040087X | Wabco Volvo-D12 Compressor |

Additional parts available. See your PDC Sales Rep for details.

## AIR GOVERNORS†

275491P



| PN | BENDIX® CROSS | HALDEX® CROSS | CUT IN/OUT |
|---|---|---|---|
| 275491P | OR275491X | KN18530 | 105 – 120 psi |
| 284358P | OR284358X | KN18534 | 105 – 125 psi Hi-Temp |
| 275121P | Kit for 275491P Air Governor | | |

## COMPRESSOR UNLOADER KIT†

AB5008557P



| PN | BENDIX® CROSS | DESCRIPTION |
|---|---|---|
| 107515P | 107515N | TF750 Unloader Kit |
| 109119P | K109119 | BA921 Unloader Kit |
| AB5008557P | Unloader Kit | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DRYERS & ACCESSORIES†



107794P



109685X



800887



109994P



22105P



65612



65624

| | POWER PRODUCTS PN NEW | BENDIX® NEW | BENDIX® REMAN | HALDEX® | DESCRIPTION |
|---|---|---|---|---|---|
| | **AD-9®** | | | | |
| | 65225P<br>109685P | 065225<br>— | 109685X<br>109685X | 109685X<br>109685X | Dryer w/ Bracker<br>Dryer w/o Bracket |
| | 107695P | 107695 | — | — | Bracket Kit |
| | 107794P | 107796 | 107794X | 107794X | Cartridge |
| | — | 107796PG | 107794PGX | — | Oil Coalescing Cartridge |
| | 109869P | 109869N | — | — | Harness Kit |
| | 5005037P | 5005037 | — | — | Purge Kit Hard Seat |
| | 800405P | 800405 | 5004341X | — | Purge Valve 12V |
| | 5004342P | — | 5004342X | — | Purge Valve 24V |
| | 109579P | — | 109579X | 109579K | Heater & Thermostat 24V |
| | 109578P | — | 109578X | 109578K | Heater & Thermostat 12V |
| | **AD-IS/SP®** | | | | |
| | 801266P | 801266 | 5010696X | 5010696X | AD-IS Dryer |
| | — | 800887 | 109991X | 109991X | AD-SP Dryer |
| | 109994P | 5008414 | — | — | AD-IS/SP Cartridge |
| | — | 5008414PG | — | — | AD-IS/SP Oil Coalescing Cartridge |
| | — | 5004049 | — | — | AD-IS Governor & Valve Replacement |
| | 22105P | K022105 | — | — | AD-IS/IP Purge Valve Assembly Kit |
| | — | 109995 | — | — | AD-SP Purge Valve Assemby Kit |
| | **AD-IP®** | | | | |
| | 065612P | 65612 | 109477X | 109477X | Dryer |
| | 065624P | 065624 | 109493X | — | Cartridge |
| | — | 065624PG | 109493PGX | — | Oil Coalescing Cartridge |
| | 022105P | K022105 | — | — | Purge Valve Kit |
| | — | 109494 | — | — | Delivery Check Valve Kit |
| | 109495P | 109495 | — | — | 12V Heater & Thermostat Kit |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## MODEL 1200 DRYERS & ACCESSORIES†

| | POWER PRODUCTS PN NEW | MERITOR® NEW | HALDEX® REMAN | DESCRIPTION |
|---|---|---|---|---|
| | 955205P | R955205 | 955205X | Model 1200 Dryer |
| | R955300P | R955300 | 955300X | Model 1200P Dryer |
| R9550011 | 950011P | R9550011 | — | Model 1200 Cartridge |
| | 950013P | R950013 | — | Model 1200 Turbo Valve Kit |
| 55205 | 950014P | R950014 | — | Model 1200 Purge Valve Kit |

## T2000 DRYER & ACCESSORIES†

| | POWER PRODUCTS PN NEW | SKF NEW | DESCRIPTION |
|---|---|---|---|
| 620500 | — | 620500 | Model 2000 Dryer |
| T224 | T224P | T224 | Model 2000 Cartridge |

## HALDEX DRYER & ACCESSORIES†

| | PN | DESCRIPTION |
|---|---|---|
| | DA34100 | 12V Purest Air Dryer (Replaces DA33100) |
| | DQ6020 | Major Repair Kit for DA33100 |
| DA34100 | DQ6026 | Cartridge & Repair Kit for DA33100 |
| DQ6026 | DQ6050 | Cartridge & Repair Kit for DA34100 |

## ALCOHOL EVAPORATOR

- Positioned between the air dryer and the first tank (supply reservoir) this places alcohol vapor into the air for added insurance against air system freeze up
- Only use approved air line antifreeze

| | PN | CROSS | INLET/OUTLET | CAPACITY |
|---|---|---|---|---|
| A72420P | A72420P | A72420 | 1/2" | 40 oz. |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# SENSOR CABLES & EXTENSIONS

## SENSOR CABLES†



R955338


R955341

| | MERITOR® WABCO PN | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|---|
| | R955335 | 955335P | 1′ - 90° |
| | R955336 | 955336P | 3′ - 90° |
| | R955329 | 955329P | 5.6′ – Straight |
| | R955338 | 955338P | 5.8′ – Straight |
| | R955341 | 955341P | 5.8′ – 90° |
| | R955342 | 955342P | 6.6′ – 90° |

## SENSOR CABLE EXTENSIONS†


S449-713-0180

| | MERITOR® WABCO PN | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|---|
| | S449-713-0080 | — | 2.75′ Cable Extension |
| | S449-713-0130 | 0130ABSEXTP | 4.251′ Cable Extension |
| | S449-713-0180 | 0180ABSEXTP | 6′ Cable Extension |
| | S449-713-0300 | 0300ABSEXTP | 10′ Cable Extension |
| | S449-713-0500 | — | 16′ Cable Extension |

## POWER CABLES†


S449-364-1430

| | MERITOR® WABCO PN | DESCRIPTION |
|---|---|---|
| | S449-326-0050 | 1.6′ Power Cable |
| | S449-364-1430 | 3′ Power Cable |
| | S449-364-1500 | 13′ Power Cable |

## SENSOR CLIPS

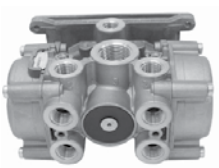
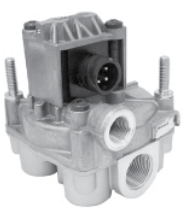

955459P

| | MERITOR® WABCO PN | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|---|
| | R955459 | 955459P | Sensor Clip Kit |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ECUs & VALVES†

MERITOR

| | MERITOR® WABCO PN | DESCRIPTION |
|---|---|---|
| **TRUCK & TRAILER** | | |
|  S472-500-0072 | R950127 | Modulator Solenoid Valve (Replaces S400-850-0530 & S472-195-0050 ) |
| | R950141 | Modulator Valve Kit (Replaces S472-195-0820 & S472-500-0042) |
| | S472-500-0062 | Relay Valve Kit (Replaces 973-011-0210) |
| | S472-500-0072 | Relay Valve Kit (Replaces 973-011-0220) |
| **TRAILER** | | |
|  R955320  | R955320 | ECU/Valve with Power Adapter — 2S/2M & 4S/4M (Replaces S472-500-0120) |
| | R955322 | ECU/Valve — 2S/1M (Replaces S472-500-0110) |
|  R955344 | R955344 | ECU/Valve with Power Adapter — 2S/1M (Replaces S472-500-0210) |
| | R955374 | 2S/1M Kit |
| | S400-500-1030 | ECU/Valve — TCS2 |
|  S400-850-6020 | S400-850-6010 | ECU Module — 2S/2M and 4S/4M |
| | S400-850-6020 | Dual Modulator Valve (Services S400-500-1020 & S400-500-1030 ECU/Valve) |
|  S472-195-0330 | S446-108-2010 | ECU Module — 2S/1M |
| | S472-195-0330 | Single Modulator Valve (Services S400-500-1010 & S400-500-1040 ECU/Valve) |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# SENSOR CABLES & EXTENSIONS

## ECUs & VALVES†


801236


801481


801855

| BENDIX® PN | DESCRIPTION |
|---|---|
| 801167 | EC-30™ Electronic Controller 4S/4M w/ Traction Control |
| 801236 | EC-30™ Electronic Controller 6S/4M w/ Traction Control (EC-16/EC-17 Service Replacement) |
| 801479 | M-32QR™ Modulator — 12V Push-to-Connect Supply & Delivery Packard Connector |
| 801481 | M-32QR™ Modulator — 12V NPT Supply & Delivery Packard Connector |
| 801855 | TABS-6 Trailer Module 2S/1M |
| 801993 | BR9235™ Remote Trailer Modulator Valve |
| 803115 | R-15™ Relay Valve — Replaces 300205 Modular Eaton Valve Assembly, 801929 |

## SENSOR CABLES†


801549


801552


801563

| BENDIX® PN | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
| 801551 | 801551P | 3.3′ — 90° DT04 Connector |
| 801553 | 801553P | 3.3′ — Straight DT04 Connector |
| 801546 | 801546P | 5′ — 90° Deutsch DTM Connector |
| 801563 | — | 5′ — Straight Deutsch DTM Connector |
| 801549 | 801549P | 5′ — 90° DT04 Connector |
| 801538 | 801538P | 6′ — 90° DIN Connector |
| 801552 | 801552P | 6′ — Straight DT04 Connector |
| 801544 | 801544P | 10.4′ — 90° DIN Connector |

## TRAILER SYSTEM REPLACEMENT/ RETROFIT KITS


802893

| BENDIX® PN | DESCRIPTION |
|---|---|
| 802893 | MC-12™ Replacement Kit — TABS-6 Module w/ 5′ Pigtail |
| 802902 | MC-12™ Replacement Kit — TABS-6 Module w/ 19.5′ Pigtail (Replaces 5008567) |
| 802997 | TABS-6 Retrofit Kit — 2S/1M Module w/ 19.5′ Pigtail & Sensor Cables |
| K019708 | A-18™ Replacement Kit — TABS-6 Retrofit Kit — 2S/1M Module w/ 5′ Pigtail & Sensor Cables |

Includes Harnesses

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ECUs & VALVES†

| | HALDEX® PN | DESCRIPTION |
|---|---|---|
|  AL364040 | AL364040 | Modulator Valve — 2 Port Reservoir Mount |
| | AL364041 | Modulator Valve — 6 Port Reservoir Mount |
|  AL430614 | AL430614 | FFABS ECU/Valve (also Replaces AL430611) |
|  AL919338 | AL919338 | ECU Assembly — PLC Select (Replaced AL919323) |
| | AQ964110 | ECU Upgrade Kit for AL919302 to PLC Select — 2S/1M |
|  AQ964111 | AQ964111 | ECU Upgrade Kit to PLC Select 4S/2M |

## SENSOR CABLES†

| HALDEX® PN | DESCRIPTION |
|---|---|
| AL1027196 | 1.6′ — Straight |
| AL10271914 | 1.5′ — 90° |
| AL10271915 | 6.6′ — 90° |

| HALDEX® PN | DESCRIPTION |
|---|---|
| AL919900 | 6.5′ Power Cable |
| AL919901 | 13′ Power Cable |
| AL919902 | 20′ Power Cable |
| AQ15473 | 5-Way Power Cable Terminal Kit ECU Side |

## TRAILER SYSTEM KITS†

| | HALDEX® PN | DESCRIPTION |
|---|---|---|
|  AL960503 | AQ960208 | FFABS Installation Kit — 2S/1M w/ Sensors |
| | AQ960503 | FFABS Installation Kit for ABS Ready Axles — 2S/1M — Excludes Sensors |
|  AL963011 | AQ960802 | PLC Select Retrofit Kit for Older Haldex Systems — 2S/1M Up to 3 Axles |
|  AL963004 | AQ963004 | PLC Select — 4S/2M Tandem Axles — Excludes Sensors |
|  AQ960802 | AQ963011 | FFABS PLC Select — 4S/2M Tandem Axles — Excludes Sensors (Replaced AQ963009) |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ABS SENSOR KITS — STRAIGHT†

- Sensor diameter .625" / 16 mm
- Kit includes grease packet and clip


970-5120


970-5603


970-5601


970-5113

| PN | HARNESS LENGTH | REPLACES | |
|---|---|---|---|
| **CONNECTOR TYPE: DEUTSCH DTM06** | | | |
| 970-5120 | 63" | Ford F8HT-2B372-FA<br>Ford F8HZ-2B372-FA<br>Freightliner BW801563<br>Mack 745-801563<br>Navistar BAN801563<br>Navistar BX800197 | Navistar ZAC800197<br>Navistar ZAC801563<br>Navistar ZBP0974013<br>Sterling BW801563<br>Volvo BW801563 |
| **CONNECTOR TYPE: METRIPACK GT 150 (PACKARD)** | | | |
| 970-5605 | 36" | Chevrolet 2009-03<br>GMC 2009-03 | HINO 15033711 |
| 970-5603 | 36" | Chevrolet 2009-03<br>GMC 2009-03 | GM 15033710 |
| 970-5601 | 53" | Chevrolet 2009-03<br>GMC 2009-03<br>Isuzu 2008-05<br>Freightliner BW801556<br>General Motors 20784542<br>Mack 745-801556 | Navistar BAN801556<br>Navistar BX801556<br>Navistar ZAC801467<br>Navistar ZAC801556<br>Sterling BW801556<br>Volvo BW801556 |
| **CONNECTOR TYPE: ROUND 2 PIN** | | | |
| 970-5113 | 17" | Fit By Harness Length | |
| 970-5136 | 20" | Freightliner HDXAL1027196<br>Mack 5396-AL1027196 | Sterling HDXAL1027196<br>Volvo MIDAL1027196 |
| 970-5023 | 67" | Freightliner TDAR955337<br>Mack 8235-R955337<br>Meritor R955337<br>Meritor S4410324440 | Navistar R955337<br>PACCAR R955337<br>Sterling TDAR955337<br>Volvo TDAR955337 |
| 970-5134 | 79" | Freightliner HDXAL1027195<br>Freightliner HDXAL1027197<br>Mack 5396-AL1027197 | Sterling HDXAL1027195<br>Sterling HDXAL1027197<br>Volvo MIDAL1027197 |
| 970-5118 | 81" | Freightliner TDAR955349<br>Mack 8235-R955349<br>Navistar R955349 | PACCAR R955349<br>Sterling TDAR955349<br>Volvo TDAR955349 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ABS SENSOR KITS — RIGHT ANGLE†

- Sensor diameter .625" / 16 mm
- Kit includes grease packet and clip



970-5108



970-5126



970-5007



970-5102

| PN | HARNESS LENGTH | REPLACES | |
|---|---|---|---|
| **CONNECTOR TYPE: DEUTSCH DT04** | | | |
| 970-5108 | 43" | Ford 4C4Z-2C190-AA<br>Ford 5C4Z-2C204-FA<br>Freightliner BW800717<br>Mack 745-800717<br>Navistar 2589756C91<br>Navistar 3539548C92 | Navistar BAN800717<br>Navistar BX800717<br>Navistar ZAC800717<br>Sterling BW800717<br>Volvo BW800717 |
| **CONNECTOR TYPE: DEUTSCH DTM06** | | | |
| 970-5126 | 50" | Ford F8HT-2B372-EA<br>Ford F8HZ-2B372-DA<br>Ford F8HZ-2B372-EA<br>Freightliner BW800198<br>Freightliner BW800200<br>Freightliner BW801548<br>Mack 745-801548<br>Navistar 2589857C91 | Navistar BAN801548<br>Navistar BX800198<br>Navistar BX801548<br>Navistar ZAC800198<br>Navistar ZAC800690<br>Navistar ZAC801548<br>Sterling BW801548<br>Volvo BW801548 |
| 970-5104 | 63" | Ford F8HT-2B372-BA<br>Freightliner BW800199<br>Freightliner BW801546<br>Freightliner F8HT-2B372-BA<br>Mack 745-801546<br>Navistar BAN801546 | Navistar BX801546<br>Navistar ZAC801546<br>Sterling BW801546<br>Sterling F8HT-2B372-BA<br>Volvo BW801546 |
| **CONNECTOR TYPE: METRIPACK GT 150 (PACKARD)** | | | |
| 970-5007 | 85" | Chevrolet 2002-95<br>GMC 2002-95 | GM 15737201<br>GM 89026854 |
| **CONNECTOR TYPE: ROUND 2 PIN** | | | |
| 970-5102 | 20" | Freightliner HDXAL10271910<br>Mack 5396-AL10271914<br>Navistar ZZAL10271914 | Sterling HDXAL10271914<br>Volvo MIDAL10271914 |
| 970-5100 | 24" | Fit By Harness Length | |
| 970-5016 | 39" | Workhorse W8001709 | |
| 970-5014 | 67" | Freightliner TDAS4410321850<br>Navistar S4410321850 | Meritor S4410321850 |
| 970-5004 | 69" | Freightliner TDAR955328<br>Mack -8235-R955328<br>Meritor 919801<br>Meritor S4410321030 | Navistar R955328<br>Sterling TDAR955328<br>Volvo TDAR955328 |
| 970-5013 | 79" | Freightliner TDAS4410321840<br>Navistar S4410321840 | Meritor S4410321840 |
| 970-5130 | 98" | Freightliner HDXAL364062<br>Mack 5396-AL364062<br>Navistar ZZAL364062 | Sterling HDXAL364062<br>Volvo MIDAL364062 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ABS HARNESSES†

| | PN | HARNESS LENGTH | REPLACES | |
|---|---|---|---|---|
| | **CONNECTOR TYPE: 2 WIRE / MALE STRAIGHT 2 PIN** | | | |
|  970-5127 | 970-5127 | 60″ | Ford 4C40-9D878-CA<br>Ford 4C4Z-9D878-CA<br>Freightliner TDAS4497110150<br>Freightliner WAB4497110150<br>Mack 8235-S4497110150<br>Navistar 3519878C1 | Navistar ATIS4497110150<br>Navistar S4497110150<br>PACCAR S4497110150<br>Sterling TDAS4497110150<br>Sterling WAB4497110150<br>Volvo TDAS4497110150 |
| | **CONNECTOR TYPE: FEMALE 90 DEGREE 2 PIN / MALE STRAIGHT 2 PIN** | | | |
|  970-5119 | 970-5101 | 120″ | Freightliner TDAS4497130300<br>Mack 8235-S4497130300<br>Meritor S4497130500<br>Navistar ATIS4497130300 | Navistar S4497130300<br>Sterling S4497130300<br>Volvo TDAS4497130300 |
| | 970-5119 | 199″ | Freightliner TDAS4497130500<br>Mack 8235-S4497130500<br>Meritor S4497130500<br>Navistar ATIS4497130500 | Navistar S4497130500<br>Sterling TDAS4497130500<br>Volvo TDAS4497130500 |
| | **CONNECTOR TYPE: FEMALE STRAIGHT 2 PIN / MALE STRAIGHT 2 PIN** | | | |
|  970-5125 | 970-5125 | 40″ | Freightliner HDXAL919801<br>Haldex 919801<br>Mack 5396-AL919801 | Navistar ZZAL919801<br>Sterling HDXAL919801<br>Volvo MIDAL919801 |
| | 970-5131 | 60″ | Freightliner HDXA920802<br>Mack 5396-A920802<br>Navistar ZZ102008WN | Navistar ZZA920802<br>Sterling HDXA920802<br>Volvo MIDA920802 |
| | 970-5106 | 79″ | Freightliner HDXAL919803<br>Haldex 919803<br>Mack 5396-AL919803<br>Navistar ZZ201198BD | Navistar ZZAL919803<br>Sterling HDXAL919803<br>Volvo MIDAL919803 |
| | 970-5133 | 99″ | Freightliner HDXAL919804<br>Mack 5396-AL919804<br>Mack MIDAL919804 | Navistar ZZAL919804<br>Volvo MIDAL919804 |

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## BRACKETS & CLIPS

| | PN | PACKAGE QUANTITY | DESCRIPTION | REPLACES |
|---|---|---|---|---|
| | **PLASTIC** | | | |
|  970-5103 | 970-5103 | 10 | ABS Wire Retainer Clip | Freightliner HDXAL920809<br>Mack 5396-AL920809<br>Navistar TEC94050; ZZAL920809<br>Sterling HDXAL920809<br>Volvo MIDAL920809 |
| | 970-5121 | 10 | ABS Wire Retainer Clip | Mack 5396-AL920810<br>Navistar TEC94049; ZZAL920810<br>Volvo MIDAL920810 |
| | 970-5124 | 4 | ABS Wire Retainer Clip | Freightliner HDXA902700<br>Mack 5396-A902700<br>Navistar ZZA902700<br>Sterling HDXA902700<br>Volvo MIDA902700 |
|  970-5129 | 970-5128 | 4 | ABS Wire Retainer Clip | Freightliner HDXA902701<br>Mack 5396-A902701<br>Navistar ZZA902701<br>Sterling HDXA902701<br>Volvo MIDA902701 |
| | **METAL** | | | |
| | 970-5129 | 1 | ABS Sensor Mounting Bracket | Freightliner HDXA920802<br>Mack 5396-A920802<br>Navistar ZZ102008WN; ZZA920802<br>Sterling HDXA920802<br>Volvo MIDA920802 |
| | 970-5132 | 5 | Clamping Sleeve & Grease | Freightliner DXAL919802<br>Mack 5396-AL919802<br>Navistar ZZ201198BC; ZZAL919802<br>Volvo MIDAL919802 |

## TRAILER AIR TANKS

It is easy to identify trailer applications, as they have welded end brackets and truck/tractor tanks do not. The most critical issue in replacing a tank is to use the same cubic inch capacity. This has been calculated by the OEM based on the total air system design.




| PN | CUBIC INCH CAPACITY | LENGTH | DIAMETER | MAIN PORT SIZE | DRAIN PORT | END PORT | BRACKET |
|---|---|---|---|---|---|---|---|
| HT1200 | 2850 | 29.5″ | 12″ | 3/4″ | 1/4″ | F | B — 3/8″ |
| HT1205 | 2850 | 29.5″ | 12″ | 1-3/4″ | 1/4″ | F | A — 3/8″ |
| HT1217 | 2850 | 29.5″ | 12″ | 2-3/4″ Same Side | 1/4″ | S | A — 3/8″ |
| HT1219 | 2850 | 29.5″ | 12″ | 2-3/4″ Same — 3/4″ Opp. | 1/4″ | F | B — 3/8″ |
| HT1229 | 2850 | 29.5″ | 12″ | 2-3/4″ Same Side | 1/4″ | F | B — 3/8″ |
| HT1242 | 2850 | 29.5″ | 12″ | 2-3/4″ | 1/4″ | S | B — 3/8″ |
| HT 1266 | 2850 | 29.5″ | 12″ | 1/2″ | 1/4″ | F | B — 3/8″ |
| HT1270 | 1425 | 29.5″ | 12″ | 2-3/4″ | 1/4″ | S | A — 3/8″ |
| HT8000 | 1425 | 32″ | 8″ | 1-3/4″ | 1/4″ | F | B — 3/8″ |
| HT8001 | 1425 | 32″ | 8″ | 3/4″ | 1/4″ | S | A — 3/8″ |
| HT8007 | 1425 | 32″ | 8″ | 2-3/4″ | 1/4″ | S | A — 3/8″ |
| HT8014 | 1425 | 32″ | 8″ | 2-3/4″ | 1/4″ | S | B — 3/8″ |
| HT8015 | 1425 | 32″ | 8″ | 2-1/2″ | 1/4″ | S | B — 3/8″ |
| HT8035 | 1425 | 32″ | 8″ | 3/4″ End Ports Centered | 1/4″ | None | Center 1/2″ |
| HT8052 | 1488 | 32″ | 8″ | 2-3/4″ | 1/4″ | F | B — 3/8″ |
| HT9500 | 1488 | 27.5″ | 9.5″ | 3/4″ | 1/4″ | F | B — 3/8″ |
| HT9501 | 1488 | 27.5″ | 9.5″ | 1-3/4″ | 1/4″ | S | B — 3/8″ |
| HT9508 | 1488 | 27.5″ | 9.5″ | 2-3/4″ | 1/4″ | F | B — 3/8″ |
| HT95118 | 1488 | 27.5″ | 9.5″ | 3/4″ – 1/2″ | 1/4″ | F | B — 3/8″ |
| HT95119 | 1488 | 27.5″ | 9.5″ | 2-3/4″ Same Side | 1/4″ | S | B — 3/8″ |
| HT9515 | 1488 | 27.5″ | 9.5″ | 2-1/2″ | 1/4″ | F | B- 3/8″ |
| HT95156 | 1488 | 27.5″ | 9.5″ | 2-3/4″ Same Side | 1/4″ | F | B — 3/8″ |
| HT95161 | 1488 | 27.5″ | 9.5″ | 2-3/4″ Same — 3/4″ Opp. | 1/4″ | F | B — 3/8″ |
| HT9518 | 1488 | 27.5″ | 9.5″ | 3/4″ | 1/4″ | F | B — 1/2″ |
| HT9523 | 1488 | 27.5″ | 9.5″ | 1/2″ | 1/4″ | F | B — 3/8″ |
| HT9534 | 1488 | 27.5″ | 9.5″ | 2-3/4″ | 1/4″ | S | B — 3/8″ |
| HT9553 | 1488 | 27.5″ | 9.5″ | 3-3/4″ | 1/4″ | S | B — 3/8″ |
| HT9575 | 1488 | 27.5″ | 9.5″ | 2-1/2″ | 1/4″ | F | A — 3/8″ |
| HT9577 | 1488 | 27.5″ | 9.5″ | 2-1/2″ | 1/4″ | S | B — 3/8″ |
| HT1068 | Mounting Pads — Standard Pack 1 | | | | | | |

## SAFETY POP-OFF VALVES†

| | POWER PRODUCTS PN | CROSS | NPTF | PSI | BODY | FOR USE ON |
|---|---|---|---|---|---|---|
|  205105P | 205105P | 205105N | 1/4″ | 150 | Long | Air Tanks |
| | 284142P | 284142N | 1/4″ | 150 | Long | Air Tanks |
| 284142P  | 35901 | KN31200 | 1/4″ | 150 | Short | Air Tanks |
| | 35903 | KN31250 | 3/8″ | — | Short | Air Tanks |
|  35901 | 35905 | KN31400 | 1/4″ | — | Long | Air Lines |
| 35907  | 35907 | KN31450 | 3/8″ | 150 | Long | Air Lines |

## DRAIN VALVES† — 1/4″ NPT

| | POWER PRODUCTS PN | LENGTH |
|---|---|---|
|  12105P | 12103P | 3′ Cord |
| | 12104P | 4′ Cord |
| | 12105P | 5′ Cord |
| | 12105UNI | 5′ + Universal |

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## VALVES† — BENDIX®


OR286171X


OR103010X


OR103009X


OR281865X


229859N


276567N


800516

| BENDIX® PN | POWER PRODUCTS CROSS | DESCRIPTION |
|---|---|---|
| **FOOT VALVES** | | |
| OR101818X | 101818P | E-7® — NPT Mounting Ports |
| OR284760X | 284760P | E-7 — Unthreaded Mounting Ports |
| OR286171X | 286171P | E-6® — Dual Brake Valve |
| **RELAY VALVES — 2 PORT / 4 PORT** | | |
| OR102626X | 102626P | R-12® — Vertical — 4 Port |
| OR103009X | 103009P | R-12® — Horizontal — 2 Port |
| OR103010X | 103010P | R-14® — Horizontal — 4 Port |
| OR103028X | 103028P | R-14® — Horizontal — 2 Port |
| OR65145X | 065145P | BP-R1® — Bobtail Relay — 4.0 psi |
| OR65146X | 065146P | BP-R1® — Bobtail Relay — 5.5 psi |
| **RELAY EMERGENCY VALVE** | | |
| OR281865X | 281865P | RE-6® — Trailer Valve |
| **SPRING BRAKE VALVE** | | |
| OR286364X | 286364P | SR-1® — Brake Valve |
| **QUICK RELEASE VALVES** | | |
| 229859N | 229859P | QR-1® — 3/8" Delivery |
| OR289714X | 289714P | QR-1C® — 3/8" Delivery — 1/4" Bal. |
| 800333 | 800333P | QR-L® — In Line |
| **DASH CONTROL VALVES** | | |
| 276566N | 276566P | PP-1® — 20 psi |
| 276567N | 276567P | PP-1® — 40 psi |
| 281946N | 281946P | PP-5® — 40 psi |
| 288239N | 288239P | PP-7® — 40 psi |
| OR288241X | 288241P | PP-7® — Threaded Exhaust |
| **MANIFOLD DASH CONTROL VALVES** | | |
| 800516 | 800516P | MV-3® Spool Assembly 27 Mounting Holes |
| 800523 | 800523P | MV-3® Spool Assembly #10 24 Mounting Holes |
| 800573 | 800573P | MV-3® Spool Assembly 4" 20 Mounting Holes |
| 800259 | 800259P | MV-3® Valves |
| 800515 | 800515P | MV-3® Valves |
| 800518 | 800518P | MV-3® Valves |
| 800519 | 800519P | MV-3® Valves |
| 800522 | 800522P | MV-3® Valves |
| 801682 | 801682P | MV-3® Valves |

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## VALVES† — BENDIX®, continued



286500N




298818




298817



OR279000X



OR275491X



229635N



800372



279416N



228600P

| | BENDIX® PN | POWER PRODUCTS CROSS | DESCRIPTION |
|---|---|---|---|
| | **DASH VALVE KNOBS** | | |
| | 248433N | 248433P | Parking Brake — Yellow — Diamond |
| | 248502N | 248502P | Parking Brake — Yellow — Diamond |
| | 298817N | 298817P | Trailer Air Supply — Red — Octagon |
| | 298818N | 298818P | Parking Brake — Yellow — Diamond |
| | **DRAIN VALVE** | | |
| | OR281923X | 281923P | DV-2® — Automatic |
| | **TOGGLE VALVE** | | |
| | 229635N | 229635P | TW-1® Control Valve 8" Port |
| | **PRESSURE PROTECTION VALVES** | | |
| | — | 401156P | 100 psi – 70 psi |
| | 283700N | 283700P | SV-1® — Synchronizing Valve |
| | 286500N | 286500P | PR-4® — Model 4 — 85 psi |
| | **CHECK VALVES** | | |
| | 278614N | 278614P | DC-4® Double Check 3/8" — 3 port |
| | 278615N | 278615P | DC-4® Double Check 1/4"— 3 port |
| | 280809N | 280809P | DC-4® Double Check 3/8" — 4 port |
| | 800372 | 23000P | SC-3® — 1/2" Male, Female |
| | 800373 | 23010P | SC-3® — 3/8" Male, Female |
| | **TRACTOR PROTECTION VALVE** | | |
| | OR279000X | 279000P | TP-3® — 2 Line Non-Automatic |
| | **AIR BRAKE GOVERNORS** | | |
| | OR275491X | 275491P | D-2® 105 — 120 psi |
| | OR284358X | 284358P | D-2® Hi Temp 105-125 psi |
| | **PRESSURE SWITCHES** | | |
| | 226262N | 226262P | SL-3® Stoplight — 2 Terminal |
| | 228750N | 228750P | LP-3® Low Pressure — 2 Term. — 60 psi |
| | 274746N | 228600P | SL-4® Stoplight — 2 Terminal |
| | 279416N | 279416P | LP-3 Low Pressure — 1 Term. — 60 psi |

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## VALVES† — HALDEX®

| | HALDEX® PN | POWER PRODUCTS CROSS | DESCRIPTION |
|---|---|---|---|
|  KN18530 | 90555396 | 90555396P | Pressure Protection, 65–45 psi |
| | KN18530 | 275491P | Governor, 100 — 120 psi |
|  KN20615 | KN20021 | 20021P | Push Pull — Parking, Emergency |
| | KN20031 | 20031P | Push Pull — 25–35 psi |
| | KN20607 | — | Manifold Dash — Vertical Mount — Metric |
|  KN28600 | KN20615 | 20615P | Manifold Dash — Horizontal Mount 1/4" |
| | KN20619 | — | Manifold Dash — Vertical Mount 1/4" |
|  KN20031 | KN26020 | 26020P | Spring Brake Control |
| | KN28510 | 28510P | Relay — 2 Port — 3/8" Delivery |
| | KN28600 | 28600P | FF2 — 3/4" Supply |
|  KN30400 | KN28601 | 28601P | FF2 — 1/2" Supply |
| | KN30400 | 30400P | Relay Emergency |
| | KN32005 | 229859P | Quick Release 3/8" |
|  KN32005 | KN26000 | 26000P | RT4 Trailer Spring Brake Valve |

## DASH VALVE KNOBS

| | HALDEX® PN | POWER PRODUCTS CROSS | DESCRIPTION | SHAPE | COLOR | SIZE |
|---|---|---|---|---|---|---|
|  KN20900  KN20901 | KN20900 | 20900P | Trailer Air | Octagon | Red | .387" |
| | KN20901 | 20901P | Parking Brake | Square | Yellow | .387" |
|  KN20902  KN20903 | KN20902 | — | Tractor Parking | Round | Blue | .387" |
| | KN20903 | 20903P | System Park | Square | Yellow | 387" |

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## VALVES† — SEALCO®



110200P



110500



110170P

| | SEALCO® PN | POWER PRODUCTS CROSS | DESCRIPTION |
|---|---|---|---|
| | 110500 | 110500P | Spring Brake Control — SB Priority |
| | 110700 | 110700P | Spring Brake Control — Suspension Reservoir Priority |
| | 110139 | 110139P | Relay — Old Style Trailer |
| | 110170 | 110170P | Spring Brake Control — 1/2" Reservoir |
| | 110171 | 110171P | Spring Brake Control — 90° Rotation |
| | 110197 | 110197P | Relay — Old Style Tractor |
| | 110200 | 110200P | Relay Emergency — 1/4" Delivery |
| | 110205 | 110205P | Relay Emergency — 3/8" Delivery |
| | 110380 | 110380P | Relay 1.5 psi Crack Pressure |
| | 110415 | 110415P | Relay 4.0 psi Crack Pressure |
| | 17600B | 17600BP | Push Pull |

## VALVES† — WILLIAMS®



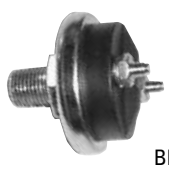
111817



118181

| | WILLIAMS® PN | POWER PRODUCTS CROSS | DESCRIPTION |
|---|---|---|---|
| | 111531 | 111531P | Air Valve — WM147F |
| | 111817 | — | Toggle — WM219C4 |
| | 116697 | — | Throttle — WM900X |
| | 117830 | — | Modulator — WM775B |
| | 118181 | 118181P | Pressure Protection — WM778A |

## PRESSURE SWITCHES



BE13250

| | HALDEX® PN | POWER PRODUCTS CROSS | DESCRIPTION | PIPE THREAD | TERM. | OPERATING PSI |
|---|---|---|---|---|---|---|
| | BE13240 | 13240P | Spring Brake | 1/8" | 2 | 55 |
| | BE13241 | 13241P | Low Air Pressure | 1/8" | 2 | 65 |
| | BE13250 | 13250P | Stoplight | 1/4" | 2 | 4 + 1 |
| | BE13255 | 13255P | Trailer Emergency | 1/8" | 3 | 55 |

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## RUBBER AIR BRAKE HOSE ASSEMBLIES† — 3/8" NPTF, 1 SWIVEL

- All air brake hose assemblies are factory crimped
- Swivel end adapters included
- Minimum burst pressure is 900 psi
- Maximum operating pressure is 225 psi
- Operating range -40°F to +200°F


16624

| LENGTH | 3/8" ID | 1/2" ID | LENGTH | 3/8" ID | 1/2" ID |
|---|---|---|---|---|---|
| 18" | RH16618 | RH16318 | 36" | HR16636 | RH16336 |
| 20" | RH16620 | RH16320 | 38" | RH16638 | RH16338 |
| 22" | RH16622 | RH16322 | 40" | RH16640 | RH16340 |
| 24" | RH16624 | RH16324 | 42" | RH16642 | RH16342 |
| 26" | RH16626 | RH16326 | 44" | — | RH16344 |
| 28" | RH16628 | RH16328 | 48" | RH16648 | RH16348 |
| 30" | RH16630 | RH16330 | 54" | RH16654 | RH16354 |
| 32" | RH16632 | RH16332 | 60" | RH16660 | RH16360 |
| 34" | — | RH16334 | 72" | RH16672 | RH16372 |

NOTE: 3/8" ID and 3/8" Ends Dual Swivel also available

## RUBBER AIR BRAKE HOSE



| PN | SIZE | LENGTH |
|---|---|---|
| 3800250 | 3/8" ID | 250' |
| 1200250 | 1/2" ID | 250' |

## FIELD REPAIR KITS†


31403

| PN | DESCRIPTION |
|---|---|
| 31402 | 3/8 ID Air Brake Hose — 3/8" NPTF |
| 31403 | 3/8 ID Air Brake Hose — 1/2" NPTF |

## NYLON BRAKE TUBING† — STANDARD PACK 100'

- Wide operating temperature range from -50°F to +200°F
- Conforms to type 3B of SAE standard J844 and Federal Regulation DOT FMVSS 106 standards
- SAEJ844 DOT approved
- Resistant to oil, grease, gasoline, diesel fuel, road salts and moisture

| LENGTH | 3/16 | 1/8 | 5/32 | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 |
|---|---|---|---|---|---|---|---|---|---|
| 25' | | | | ● | | ● ● ● | ● ● ● | ● | |
| 50' | | | ● | ● ● ● | | ● ● ● | ● ● ● | ● | ● |
| 100' | ● | ● | ● | ● ● ● ● ● | ● | ● ● ● ● ● | ● ● ● | ● | ● |
| 200' | | | | ● ● ● | | ● ● ● | ● ● ● | | |
| 500' | | | | ● | | ● ● ● ● ● | ● ● ● | | |
| 1,000' | ● | | | ● ● ● ● | | ● ● ● | ● ● ● | | |

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# BRASS THAT FITS EVERY NEED

## OVER 3,000 BRASS FITTING PART NUMBERS IN STOCK

From push-to-connect fittings to standard adapters and couplers, we only sell high-quality brass fittings that meet DOT requirements. Ask us about our stock replenishment programs that keep you stocked up in your shops or service trucks.

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Brass Compression Fittings Assortment Includes 2 each common sizes, brass nuts, sleeves and olives for sizes 1/4", 3/8" and 1/2". BRASSCOMPKIT



Brass Push-To-Connect Fittings Assortment Includes 2 each common sizes, brass connectors, and olives for sizes 1/4", 3/8" and 1/2". BRASSCOMPPTC



Brass Push-To-Connect Fittings Combo Pack Kit Includes 2 each common sizes and 10' nylon tubing for sizes 1/4", 5/16", 3/8" and 1/2", plus a tubing cutter. BRASSCOMPPTCU



Brass Pipe Fittings Assortment Includes 2 each common sizes of pipe nipples, pipe couplings, caps and plugs for sizes 1/4", 3/8" and 1/2". BRASSPIPEKIT

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Brass fittings are an everyday item very important to reliability of your truck. From push-to-connect fittings to standard adapters and couplers, we only sell high-quality brass fittings that meet DOT requirements. We also carry quick repair and assortment kits to keep in your truck or service vehicle for those emergency needs. Ask us about our stock replenishment programs to keep you stocked up in your shops or service trucks.

### Brass Kits



**BRASSQRKPTCU**
**BRASS PUSH-TO-CONNECT FITTINGS QUICK REPAIR KIT**
Includes 2 each common unions and 12" nylon tubing for sizes 1/8", 5/32", 1/4", 3/8" and 1/2", plus a tubing cutter.



**BRASSQRKCOMP**
**BRASS COMPRESSION FITTINGS ASSORTMENT**
Includes 2 each common unions, tees, connectors and elbows for sizes 1/4", 3/8" and 1/2".



**BRASSQRKPTC**
**BRASS PUSH-TO-CONNECT FITTINGS ASSORTMENT**
Includes 2 each common unions, tees, connectors and elbows, for sizes 1/8", 1/4", 3/8" and 1/2".



**BRASSQRKFIT**
**BRASS PIPE FITTINGS ASSORTMENT**
Includes 3 each common bushings, elbows, tees, couplers, nipples and plugs for sizes 1/4", 3/8" and 1/2".

### Brass Storage

- Single drawer
- Cold rolled steel outer shell
- Durable plastic insert
- Scooped bottoms
- Full piano hinge
- Dims: 18" × 12" × 3"
- Weight: 8 lb



**111-95 — 20 Compartments**



**113-95 — 16 Compartments**



**115-95 — 12 Compartments**

### Slide Racks



**302-95 — 2-Drawer Rack**
- Cold rolled steel
- Drawer capacity: 40 lb
- Dims: 20" × 15-3/4" × 8-1/8"
- Weight: 19 lb



**303-95 — 4-Drawer Rack**
- Cold rolled steel
- Drawer capacity: 40 lb
- Dims: 20" × 15-3/4" × 15"
- Weight: 29 lb



**321B-95 — 6-Drawer Rack**
- Cold rolled steel
- Drawer capacity: 75 lb
- Dims: 20-5/16" × 15-5/16" × 21-7/8"
- Weight: 46 lb

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## BULKHEAD FITTINGS/FRAME NIPPLES†

| | PN | TYPE | LENGTH | MOUNTING | EXTERNAL | INTERNAL | SALES PACK |
|---|---|---|---|---|---|---|---|
|  Type 1 | FN300 | 1 | 2.88″ | 1 — 14 UNS | 1/2 — 14 NPTF | 1/4 — 18 NPTF | 1 |
| | FN304 | 2 | 1.69″ | 1 — 14 UNS | 1/2 — 14 NPTF | 3/8 — 18 NPTF | 1 |
| | FN306 | 3 | 1.50″ | 3/4 — 16 UNS | N/A | 1/4 — 18 NPTF | 1 |
|  Type 2 | FN307 | 3 | 1.31″ | 1 — 14 UNS | N/A | 3/8 — 18 NPTF | 1 |
| | FN308 | 4 | 1.31″ | 7/8 — 20 UNF | 1/2 TUBE | 3/8 — 18 NPTF | 1 |
|  Type 3 | FN309 | 4 | 1.69″ | 7/8 — 20 UNF | 3/8 TUBE | 3/8 — 18 NPTF | 1 |
| | FN311 | 3 | 0.94″ | 3/4 — 16 UNS | N/A | 1/4 — 18 NPTF | 1 |
|  Type 4 | FN312 | 5 | 1.69″ | 3/4 — 16 UNS | 1/2 — 14 NPTF | 1/4 — 18 NPTF | 2 |
| | FN315 | 2 | 2.13″ | 1 — 14 UNS | 1/2 — 14 NPTF | 1/4 — 18 NPTF | 1 |
| | FN346 | 2 | 1.91″ | 1 — 14 UNS | 1/2 — 14 NPTF | 3/8 — 18 NPTF | 2 |
|  Type 5 | FN389 | 5 | 2.16″ | 3/4 — 16 UNS | 1/2 — 14 NPTF | 1/4 — 18 NPTF | 1 |
| | FN408 | 3 | 1.50″ | 1-1/8 — 14 UNS | N/A | 1/2 — NPTF | 1 |

## REUSABLE FITTINGS†

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **SPRING** | | |
|  RB56SG | RB56SG-6 | 3/8″ | 10 |
| | RB56SG-8 | 1/2″ | 5 |
| | **HOSE SLEEVE** | | |
|  RB60 | RB60-6 | 3/8″ | 10 |
| | RB60-8 | 1/2″ | 10 |
| | **HOSE NUT** | | |
|  RB61 | RB61-6 | 3/8″ | 10 |
| | RB61-8 | 1/2″ | 5 |
| | **NUT WITH SPRING** | | |
|  RB61ASSY | RB61ASSY-6 | 3/8″ | 5 |
| | RB61ASSY-8 | 1/2″ | 5 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **ADAPTER** | | |
|  RB61AD | RB61AD-6-4 | 3/8″ — 1/4″ | 5 |
| | RB61AD-6-6 | 3/8″ — 3/8″ | 5 |
| | RB61AD-6-8 | 3/8″ — 1/2″ | 5 |
| | RB61AD-8-6 | 1/2″ — 3/8″ | 5 |
| | RB61AD-8-8 | 1/2″ — 1/2″ | 10 |
| | **SPRING GUARD HOSE NUT** | | |
|  RB61SG | RB61SG-6 | 3/8″ | 5 |
| | **HOSE UNION** | | |
|  RB62 | RB62-6 | 3/8″ | 5 |
| | RB62-8 | 1/2″ | 5 |

For use with air brake hose assemblies.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## REUSABLE FITTINGS†, continued

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **MALE HOSE CONNECTOR** | | |
|  RB68 | RB68-6-4 | 3/8″ — 1/4″ | 5 |
| | RB68-6-6 | 3/8″ — 3/8″ | 5 |
| | RB68-6-8 | 3/8″ — 1/2″ | 5 |
| | RB68-8-6 | 1/2″ — 3/8″ | 5 |
| | RB68-8-8 | 1/2″ — 1/2″ | 5 |
| | **MALE CONNECTOR BODY** | | |
|  RB68B | RB68B-6-4 | 3/8″ — 1/4″ | 5 |
| | RB68B-6-6 | 3/8″ — 3/8″ | 5 |
| | RB68B-6-8 | 3/8″ — 1/2″ | 5 |
| | RB68B-8-6 | 1/2″ — 3/8″ | 5 |
| | RB68B-8-8 | 1/2″ — 1/2″ | 2 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **MALE HOSE CONNECTOR W/SPRING** | | |
|  RB68SG | RB68SG-6-4 | 3/8″ — 1/4″ | 10 |
| | RB68SG-6-6 | 3/8″ — 3/8″ | 10 |
| | RB68SG-6-8 | 3/8″ — 1/2″ | 10 |
| | RB68SG-8-6 | 1/2″ — 3/8″ | 5 |
| | RB68SG-8-8 | 1/2″ — 1/2″ | 5 |
| | **SWIVEL CONNECTOR** | | |
|  RB68SW | RB68SW-6-4 | 3/8″ — 1/4″ | 5 |
| | RB68SW-6-6 | 3/8″ — 3/8″ | 5 |
| | RB68SW-6-8 | 3/8″ — 1/2″ | 5 |
| | RB68SW-8-6 | 1/2″ — 3/8″ | 5 |
| | RB68SW-8-8 | 1/2″ — 1/2″ | 5 |

For use with air brake hose assemblies.

## CROSS REFERENCE

| | RB68 | RB68B | RB68SG | RB68SW |
|---|---|---|---|---|
| **BRASS CRAFT** | 368AB | 368AB-1 | 378AB | — |
| **CORONET** | 368 | 370 | 378 | 387 |
| **IMPERIAL** | AB*-*PR | AB*-*PR85 | AB*-*PR94 | — |
| **PARKER** | 68RB | 68RB-B | 68RBSG | 66RBSV |

*Replace with 4 for 1/4″, 6 for 3/8″, or 8 for 1/2″

### TECH TIPS

**TO CONNECT TUBE**

Cut plastic tube as squarely as possible. Insert tube end into fitting, sliding over tube support until friction is felt as tube slides past the O-ring. Continue to push in until tubing bottoms out firmly against the internal support.

**TO DISCONNECT TUBE**

With thumb and forefinger, hold down the top of the insert against the fitting body. With the other hand, pull out the tubing.





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## AIR BRAKE TUBE FITTINGS†

- Meets standards of SAE and DOT FMVSS 571.106 air brake specifications
- No special tubing preparation required
- Excellent vibration resistance
- Straights and shapes manufactured from CA360 and CA345 brass
- Working pressures up to 150 psi
- Temperature range of -40° to +200°F
- For use with J844 Type A & B tubing


N60


N61


N62


N62BH


N63

| PN | SIZE | SALES PACK |
|---|---|---|
| **N60 SLEEVE** | | |
| N60-3 | 3/16″ | 50 |
| N60-4 | 1/4″ | 50 |
| N60-6 | 3/8″ | 50 |
| N60-8 | 1/2″ | 50 |
| N60-10 | 5/8″ | 25 |
| N60-12 | 3/4″ | 10 |
| **N61 NUT** | | |
| N61-3 | 3/16″ | 10 |
| N61-4 | 1/4″ | 10 |
| N61-6 | 3/8″ | 10 |
| N61-8 | 1/2″ | 5 |
| N61-10 | 5/8″ | 5 |
| N61-12 | 3/4″ | 5 |
| **N62 UNION** | | |
| N62-4 | 1/4″ | 5 |
| N62-6 | 3/8″ | 5 |
| N62-8 | 1/2″ | 2 |
| N62-10 | 5/8″ | 2 |
| N62-12 | 3/4″ | 2 |
| **N62BH BULKHEAD UNION** | | |
| N62BH-3 | 3/16″ | 1 |
| N62BH-4 | 1/4″ | 2 |
| **N63 INSERT** | | |
| N63-4 | 1/4″ | 50 |
| N63-5 | 5/16″ | 1 |
| N63-6 | 3/8″ | 50 |
| N63-8 | 1/2″ | 50 |
| N63-10 | 5/8″ | 25 |
| N63-12 | 3/4″ | 10 |


N64


N65


N66


N68

| PN | SIZE | SALES PACK |
|---|---|---|
| **N64 TEE** | | |
| N64-4 | 1/4″ | 2 |
| N64-6 | 3/8″ | 2 |
| N64-8 | 1/2″ | 5 |
| N64-10 | 5/8″ | 1 |
| **N65 UNION ELBOW 90°** | | |
| N65-4 | 1/4″ | 5 |
| N65-6 | 3/8″ | 5 |
| N65-8 | 1/2″ | 5 |
| N65-10 | 5/8″ | 5 |
| **N66 FEMALE CONNECTOR** | | |
| N66-4-2 | 1/4″ × 1/8″ | 5 |
| N66-4-4 | 1/4″ × 1/4″ | 5 |
| N66-6-2 | 3/8″ × 1/8″ | 10 |
| N66-6-4 | 3/8″ × 1/4″ | 5 |
| N66-6-6 | 3/8″ × 3/8″ | 5 |
| N66-8-6 | 1/2″ × 3/8″ | 5 |
| N66-8-8 | 1/2″ × 1/2″ | 2 |
| N66-10-6 | 5/8″ × 3/8″ | 2 |
| N66-10-8 | 5/8″ × 1/2″ | 2 |
| **N68 MALE CONNECTOR** | | |
| N68-3-2 | 3/16″ × 1/8″ | 5 |
| N68-3-4 | 3/16″ × 1/4″ | 5 |
| N68-4-2 | 1/4″ × 1/8″ | 5 |
| N68-4-4 | 1/4″ × 1/4″ | 5 |
| N68-4-6 | 1/4″ × 3/8″ | 5 |
| N68-6-2 | 3/8″ × 1/8″ | 5 |
| N68-6-4 | 3/8″ × 1/4″ | 5 |
| N68-6-6 | 3/8″ × 3/8″ | 5 |
| N68-6-8 | 3/8″ × 1/2″ | 5 |
| N68-8-4 | 1/2″ × 1/4″ | 2 |
| N68-8-6 | 1/2″ × 3/8″ | 2 |
| N68-8-8 | 1/2″ × 1/2″ | 2 |
| N68-8-12 | 1/2″ × 3/4″ | 5 |
| N68-10-6 | 5/8″ × 3/8″ | 2 |
| N68-10-8 | 5/8″ × 1/2″ | 2 |
| N68-10-12 | 5/8″ × 3/4″ | 2 |
| N68-12-8 | 3/4″ × 1/2″ | 2 |
| N68-12-12 | 3/4″ × 3/4″ | 2 |

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## AIR BRAKE TUBE FITTINGS†, continued


N69-4


N70


N7164

| PN | SIZE | SALES PACK |
|---|---|---|
| **N69 MALE ELBOW 90°** | | |
| N69-3-2 | 3/16″ × 1/8″ | 5 |
| N69-4-2 | 1/4″ × 1/8″ | 5 |
| N69-4-4 | 1/4″ × 1/4″ | 5 |
| N69-4-6 | 1/4″ × 3/8″ | 5 |
| N69-6-2 | 3/8″ × 1/8″ | 5 |
| N69-6-4 | 3/8″ × 1/4″ | 5 |
| N69-6-6 | 3/8″ × 3/8″ | 5 |
| N69-6-8 | 3/8″ × 1/2″ | 5 |
| N69-8-4 | 1/2″ × 1/4″ | 5 |
| N69-8-6 | 1/2″ × 3/8″ | 1 |
| N69-8-8 | 1/2″ × 1/2″ | 2 |
| N69-10-6 | 5/8″ × 3/8″ | 2 |
| N69-10-8 | 5/8″ × 1/2″ | 2 |
| N69-10-12 | 5/8″ × 3/4″ | 1 |
| N69-12-8 | 3/4″ × 1/2″ | 2 |
| N69-12-12 | 3/4″ × 3/4″ | 2 |
| **N70 FEMALE ELBOW 90°** | | |
| N70-4-2 | 1/4″ × 1/8″ | 5 |
| N70-4-4 | 1/4″ × 1/4″ | 5 |
| N70-6-4 | 3/8″ × 1/4″ | 5 |
| N70-6-6 | 3/8″ × 3/8″ | 5 |
| N70-8-8 | 1/2″ × 1/2″ | 2 |
| N70-10-8 | 5/8″ × 1/2″ | 1 |
| **N71 MALE RUN TEE** | | |
| N71-4-2 | 1/4″ × 1/8″ | 2 |
| N71-4-4 | 1/4″ × 1/4″ | 2 |
| N71-6-4 | 3/8″ × 1/4″ | 1 |
| N71-6-6 | 3/8″ × 3/8″ | 2 |
| N71-8-6 | 1/2″ × 3/8″ | 2 |
| N71-8-8 | 1/2″ × 1/2″ | 1 |
| N71-10-8 | 5/8″ × 1/2″ | 1 |


N72


N79

| PN | SIZE | SALES PACK |
|---|---|---|
| **N72 MALE BRANCH TEE** | | |
| N72-3-2 | 3/16″ × 1/8″ | 2 |
| N72-4-2 | 1/4″ × 1/8″ | 2 |
| N72-4-4 | 1/4″ × 1/4″ | 2 |
| N72-6-2 | 3/8″ × 1/8″ | 2 |
| N72-6-4 | 3/8″ × 1/4″ | 2 |
| N72-6-6 | 3/8″ × 3/8″ | 2 |
| N72-8-4 | 1/2″ × 1/4″ | 2 |
| N72-8-6 | 1/2″ × 3/8″ | 2 |
| N72-8-8 | 1/2″ × 1/2″ | 2 |
| N72-10-8 | 5/8″ × 1/2″ | 1 |
| **N79 MALE ELBOW 45°** | | |
| N79-4-2 | 1/4″ × 1/8″ | 5 |
| N79-4-4 | 1/4″ × 1/4″ | 5 |
| N79-6-2 | 3/8″ × 1/8″ | 5 |
| N79-6-4 | 3/8″ × 1/4″ | 5 |
| N79-6-6 | 3/8″ × 3/8″ | 5 |
| N79-6-8 | 3/8″ × 1/2″ | 2 |
| N79-8-4 | 1/2″ × 1/4″ | 1 |
| N79-8-6 | 1/2″ × 3/8″ | 2 |
| N79-8-8 | 1/2″ × 1/2″ | 2 |
| N79-10-6 | 5/8″ × 3/8″ | 2 |
| N79-10-8 | 5/8″ × 1/2″ | 2 |
| N79-12-8 | 3/4″ × 1/2″ | 1 |

## CROSS REFERENCE

| | N69 | N70 | N71 | N72 | N79 |
|---|---|---|---|---|---|
| BRASS CRAFT | 769AB | 770AB | 771AB | 772AB | 779AB |
| CORONET | 469 | 470 | 471 | 472 | 480 |
| IMPERIAL | 4-469-F* | | 4-471-F* | 4-472-F* | 4-474-F* |
| PARKER | VS269NTA | 270NTA | VS271NTA | VS272NTA | VS279NTA |
| WEATHERHEAD | 1469 | 1470 | 1471 | 1472 | 1480 |

* Forged brass body

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## AIR BRAKE DOT PUSH-IN FITTINGS†

- For use with air brake tubing
- D.O.T. marked and approved
- Quick connect: Simply push in, no tools needed
- Quick disconnect
- Ideal for tight fit applications under dash
- Full flow design: 60% better flow than standard compression fittings with inserts
- Approved for most air brake applications with the exception of frame to axle installation, and between towed and towing vehicles



NP62



NP62BH



NP64



NP65

| PN | SIZE | SALES PACK |
|---|---|---|
| **NP62 UNION** | | |
| NP62-2 | 1/8″ | 2 |
| NP62-25 | 5/32″ | 2 |
| NP62-3 | 3/16″ | 10 |
| NP62-4 | 1/4″ | 2 |
| NP62-6 | 3/8″ | 2 |
| NP62-8 | 1/2″ | 1 |
| NP62-10 | 5/8″ | 1 |
| NP62-12 | 3/4″ | 1 |
| **NP62BH BULKHEAD UNION** | | |
| NP62BH-4 | 1/4″ | 1 |
| NP62BH-8 | 1/2″ | 2 |
| NP62BH-10 | 5/8″ | 1 |
| **NP64 UNION TEE** | | |
| NP64-4 | 1/4″ | 1 |
| NP64-6 | 3/8″ | 1 |
| NP64-8 | 1/2″ | 1 |
| NP64-10 | 5/8″ | 5 |
| NP64-12 | 3/4″ | 5 |
| **NP65 UNION ELBOW 90°** | | |
| NP65-4 | 1/4″ | 1 |
| NP65-6 | 3/8″ | 1 |
| NP65-8 | 1/2″ | 1 |



NP66



NP68

| PN | SIZE | SALES PACK |
|---|---|---|
| **NP66 FEMALE CONNECTOR** | | |
| NP66-4-2 | 1/4″ × 1/8″ | 10 |
| NP66-4-4 | 1/4″ × 1/4″ | 10 |
| NP66-6-2 | 3/8″ × 1/8″ | 10 |
| NP66-6-4 | 3/8″ × 1/4″ | 5 |
| NP66-6-6 | 3/8″ × 3/8″ | 5 |
| NP66-8-6 | 1/2″ × 3/8″ | 5 |
| NP66-8-8 | 1/2″ × 1/2″ | 5 |
| **NP68 MALE CONNECTOR** | | |
| NP68-2-1 | 1/8″ × 1/16″ | 10 |
| NP68-2-2 | 1/8″ × 1/8″ | 5 |
| NP68-25-1 | 5/32″ × 1/16″ | 10 |
| NP68-25-2 | 5/32″ × 1/8″ | 10 |
| NP68-3-1 | 3/16″ × 1/16″ | 10 |
| NP68-3-2 | 3/16″ × 1/8″ | 10 |
| NP68-3-4 | 3/16 × 1/4″ | 10 |
| NP68-4-2 | 1/4″ × 1/8″ | 2 |
| NP68-4-4 | 1/4″ × 1/4″ | 2 |
| NP68-4-6 | 1/4″ × 3/8″ | 5 |
| NP68-6-2 | 3/8″ × 1/8″ | 5 |
| NP68-6-4 | 3/8″ × 1/4″ | 2 |
| NP68-6-6 | 3/8″ × 3/8″ | 5 |
| NP68-6-8 | 3/8″ × 1/2″ | 5 |
| NP68-8-4 | 1/2″ × 1/4″ | 5 |
| NP68-8-6 | 1/2″ × 3/8″ | 2 |
| NP68-8-8 | 1/2″ × 1/2″ | 5 |
| NP68-10-6 | 5/8″ × 3/8″ | 1 |
| NP68-10-8 | 5/8″ × 1/2″ | 1 |
| NP68-12-8 | 3/4″ × 1/2″ | 5 |
| NP68-12-12 | 3/4″ × 3/4″ | 5 |

## CROSS REFERENCE

| | NP62 | NP62BH | NP64 | NP65 | NP68 |
|---|---|---|---|---|---|
| CORONET | 962 | 975 | 964 | 965 | 968 |
| PARKER | 62PMT | 62PMTBH | 264PMT | 265PMT | 68PMT |
| VELVAC | 0166xx | 0168xx | 0169xx | 1472 | 0161xx |

* Forged brass body

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## AIR BRAKE DOT PUSH-IN FITTINGS†, continued


NP69


NP70


NP71

| | STANDARD PN | SALES PACK | SWIVEL PN | SALES PACK | SIZE |
|---|---|---|---|---|---|
| | **NP69 MALE ELBOW 90°** | | | | |
| | NP69-2-2 | 10 | — | — | 1/8″ × 1/8″ |
| | NP69-25-2 | 10 | — | — | 5/32″ × 1/8″ |
| | — | — | NP69SW-2-4 | 5 | 1/4″ × 1/8″ |
| | NP69-4-2 | 10 | NP69SW-4-2 | 2 | 1/4″ × 1/8″ |
| | NP69-4-4 | 2 | NP69SW-4-4 | 1 | 1/4″ × 1/4″ |
| | NP69-4-6 | 1 | NP69SW-4-6 | 10 | 1/4″ × 3/8″ |
| | NP69-6-2 | 5 | NP69SW-6-2 | 1 | 3/8″ × 1/8″ |
| | NP69-6-4 | 1 | NP69SW-6-4 | 1 | 3/8″ × 1/4″ |
| | NP69-6-6 | 2 | NP69SW-6-6 | 1 | 3/8″ × 3/8″ |
| | NP69-6-8 | 1 | NP69SW-6-8 | 1 | 3/8″ × 1/2″ |
| | NP69-8-4 | 1 | NP69SW-8-4 | 1 | 1/2″ × 1/4″ |
| | NP69-8-6 | 1 | NP69SW-8-6 | 1 | 1/2″ × 3/8″ |
| | NP69-8-8 | 1 | NP69SW-8-8 | 5 | 1/2″ × 1/2″ |
| | NP69-10-6 | 1 | — | — | 5/8″ × 3/8″ |
| | NP69-10-8 | 1 | NP69SW-10-8 | 1 | 5/8″ × 1/2″ |
| | NP69-12-8 | 5 | NP69SW-12-8 | 2 | 3/4″ × 1/2″ |
| | NP69-12-12 | 5 | NP69SW-12-12 | 2 | 3/4″ × 3/4″ |
| | **NP70 FEMALE ELBOW 90°** | | | | |
| | NP70-4-6 | 5 | — | — | 1/4″ × 3/8″ |
| | NP70-6-4 | 5 | — | — | 3/8″ × 1/4″ |
| | NP70-6-6 | 5 | — | — | 3/8″ × 3/8″ |
| | NP70-8-8 | 2 | — | — | 1/2″ × 1/2″ |
| | **NP71 MALE RUN TEE** | | | | |
| | NP71-4-2 | 5 | NP71SW-4-2 | 1 | 1/4″ × 1/8″ |
| | NP71-4-4 | 5 | NP71SW-4-4 | 10 | 1/4″ × 1/4″ |
| | NP71-6-4 | 1 | NP71SW-6-4 | 2 | 3/8″ × 1/4″ |
| | NP71-6-6 | 1 | NP71SW-6-6 | 2 | 3/8″ × 3/8″ |
| | NP71-8-6 | 5 | — | — | 1/2″ × 3/8″ |

## CROSS REFERENCE

| | NP69 | NP70 | NP71 | NP72 | NP77 | NP79 |
|---|---|---|---|---|---|---|
| CORONET | 969 | 970 | 971 | 972 | 977 | 980 |
| PARKER | 269PMT | 270PMT | 271PMT | 272PMT | — | 279PMT |
| VELVAC | 016XX | — | — | 0163XX | — | 0164XX |

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## AIR BRAKE DOT PUSH-IN FITTINGS†, continued

| | STANDARD PN | SALES PACK | SWIVEL PN | SALES PACK | SIZE |
|---|---|---|---|---|---|
| | **NP72 MALE BRANCH TEE** | | | | |
|  NP72 | NP72-4-2 | 10 | — | — | 1/4″ × 1/8″ |
| | NP72-4-4 | 10 | NP72SW-4-4 | 5 | 1/4″ × 1/4″ |
| | NP72-6-4 | 1 | NP72SW-6-4 | 5 | 3/8″ × 1/4″ |
| | NP72-6-6 | 1 | NP72SW-6-6 | 5 | 3/8″ × 3/8″ |
| | NP72-8-4 | 5 | — | — | 1/2″ × 1/4″ |
| | NP72-8-6 | 5 | NP72SW-8-6 | 5 | 1/2″ × 3/8″ |
| | **NP77 FEMALE BRANCH TEE** | | | | |
|  NP77 | NP77-4-2 | 10 | — | — | 1/4″ × 1/8″ |
| | NP77-4-4 | 5 | — | — | 1/4″ × 1/4″ |
| | NP77-6-4 | 5 | — | — | 3/8″ × 1/4″ |
| | NP77-6-6 | 2 | — | — | 3/8″ × 3/8″ |
| | **NP70 FEMALE ELBOW 90°** | | | | |
|  NP79 | NP79-4-2 | 10 | — | — | 1/4″ × 1/8″ |
| | NP79-4-4 | 1 | — | — | 1/4″ × 1/4″ |
| | NP79-6-2 | 1 | — | — | 3/8″ × 1/8″ |
| | NP79-6-4 | 10 | NP79SW-6-4 | 5 | 3/8″ × 1/8″ |
| | NP79-6-6 | 1 | NP79SW-6-6 | 5 | 3/8″ × 1/4″ |
| | NP79-6-8 | 1 | NP79SW-6-8 | 5 | 3/8″ × 1/2″ |
| | NP79-8-4 | 1 | — | — | 3/8″ × 1/2″ |
| | NP79-8-6 | 1 | — | — | 1/2″ × 1/4″ |
| | NP79-8-8 | 1 | — | — | 1/2″ × 3/8″ |
| | NP79-10-6 | 1 | — | — | 5/8″ × 3/8″ |
| | NP79-10-8 | 5 | NP79SW-10-8 | 5 | 5/8″ × 1/2″ |
| | NP79-12-12 | 5 | — | — | 3/4″ × 3/4″ |

## CROSS REFERENCE

| | NP69 | NP70 | NP71 | NP72 | NP77 | NP79 |
|---|---|---|---|---|---|---|
| CORONET | 969 | 970 | 971 | 972 | 977 | 980 |
| PARKER | 269PMT | 270PMT | 271PMT | 272PMT | — | 279PMT |
| VELVAC | 016XX | — | — | 0163XX | — | 0164XX |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## SPLIT FERRULE TRANSMISSION FITTINGS†

- Ideal for transmission applications, due to their excellent vibration resistance
- For small diameter tubing in rough service situations, far superior to standard compression and poly-tube type fittings


SF60


SF60


SF61


SF62

| PN | SIZE | SALES PACK |
|---|---|---|
| **SF60 SLEEVE** | | |
| SF60-2 | 1/8″ | 25 |
| SF60-25 | 5/32″ | 25 |
| **SF61 NUT** | | |
| SF61-2 | 1/8″ | 25 |
| SF61-25 | 5/32″ | 25 |
| **SF62 UNION** | | |
| SF62-2 | 1/8″ | 10 |
| SF62-25 | 5/32″ | 10 |
| **SF63 INSERT** | | |
| SF63-2 | 1/8″ | 25 |
| SF63-3 | 3/16″ | 25 |


SF68


SF69


SF69

| PN | SIZE | SALES PACK |
|---|---|---|
| **SF68 MALE CONNECTOR** | | |
| SF68-2-1 | 1/8″ × 1/16″ | 1 |
| SF68-2-2 | 1/8″ × 1/8″ | 1 |
| SF68-25-1 | 5/32″ × 1/16″ | 10 |
| SF68-25-2 | 5/32″ × 1/8″ | 10 |
| SF68-3-2 | 3/16″ × 1/8″ | 10 |
| **SF69 MALE ELBOW 90°** | | |
| SF69-2-1 | 1/8″ × 1/16″ | 10 |
| SF69-2-2 | 1/8″ × 1/8″ | 10 |
| SF69-25-2 | 5/32″ × 1/8″ | 10 |

## CROSS REFERENCE

| | SF60-2 | SF60-25 | SF61-2 | SF61-25 | SF62-2 | SF62-25 | SF63-2 |
|---|---|---|---|---|---|---|---|
| BTC | 12-09910 | 12-09908 | 12-09902 | 12-09900 | 12-09950 | 12-09948 | 12-09802 |
| CORONET | 560-2 | 560-2.5 | 561-2 | 561-2.5 | 562-2 | 562-2.5 | P61-2 |
| FULLER | 83001 | 83002 | 83501 | 83502 | 84101 | 84102 | — |
| PARKER | 60TF-2 | 60TF-5/32 | 61TF-2 | 61TF-5/32 | 62TF-2 | 62TF-5/32 | — |
| VLC | 11000 | 11020 | 11012 | 11016 | 11032 | 11034 | — |

| | SF68-2-1 | SF68-2-2 | SF68-25-1 | SF68-25-2 | SF69-2-1 | SF69-2-2 | SF69-25-2 |
|---|---|---|---|---|---|---|---|
| BTC | 12-09920 | 12-09922 | 12-09916 | 12-09917 | 12-09933 | 12-09932 | 12-09931 |
| CORONET | 568-21 | 568-22 | 568-2.51 | 568-2.51 | 569-21 | 569-22 | 569-2.52 |
| FULLER | 84001 | 84002 | 84003 | 84004 | — | 85002 | 85001 |
| PARKER | 68TF-2-1 | 68TF-2-2 | 68TF-5/32-1 | 68TF-5/32-2 | — | 269TF-2-2 | 269TF-5/32-2 |
| VLC | 12016 | — | 12012 | 12014 | — | 12066 | 12064 |

**WARNING**

1/8, 5/32, 3/16 Split Ferrule Fittings are **Not Approved for air brake usage**.

*NEVER re-use sleeves when reinstalling split ferrule fittings. Always replace with a new sleeve.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## AIR BRAKE COPPER FITTINGS†

- Meets DOT and SAE standards
- No special tubing preparation required
- Working pressures up to 400 psi
- Temperature range of -65° to +250°F
- Fair vibration resistance
- Use with copper tubing air brake systems


A60


A62


A66


A68

| PN | SIZE | SALES PACK |
|---|---|---|
| **A60 SLEEVE*** | | |
| A60-4 | 1/4″ | 50 |
| A60-6 | 3/8″ | 50 |
| A60-8 | 1/2″ | 50 |
| A60-10 | 5/8″ | 25 |
| A60-12 | 3/4″ | 15 |
| **A62 UNION** | | |
| A62-8 | 1/2″ | 2 |
| **A66 FEMALE ADAPTER** | | |
| A66-6-2 | 3/8″ × 1/8″ | 2 |
| A66-6-4 | 3/8″ × 1/4″ | 5 |
| A66-8-6 | 1/2″ × 3/8″ | 2 |
| **A68 MALE CONNECTOR** | | |
| A68-6-2 | 3/8″ × 1/8″ | 5 |
| A68-6-4 | 3/8″ × 1/4″ | 2 |
| A68-6-6 | 3/8″ × 3/8″ | 5 |
| A68-8-6 | 1/2″ × 3/8″ | 2 |
| A68-8-8 | 1/2″ × 1/2″ | 2 |


A69


A72


A79

| PN | SIZE | SALES PACK |
|---|---|---|
| **A69 MALE ELBOW 90°** | | |
| A69-6-2 | 3/8″ × 1/8″ | 2 |
| A69-6-4 | 3/8″ × 1/4″ | 2 |
| A69-6-6 | 3/8″ × 3/8″ | 2 |
| A69-8-4 | 1/2″ × 1/4″ | 2 |
| A69-8-6 | 1/2″ × 3/8″ | 2 |
| A69-8-8 | 1/2″ × 1/2″ | 2 |
| A69-12-8 | 3/4″ × 1/2″ | 1 |
| **A72 MALE BRANCH TEE** | | |
| A72-6-6 | 3/8″ × 3/8″ | 1 |
| **A79 MALE ELBOW 45°** | | |
| A79-6-4 | 3/8″ × 1/4″ | 5 |
| A79-6-6 | 3/8″ × 3/8″ | 2 |
| A79-8-6 | 1/2″ × 3/8″ | 2 |

* For copper tubing only.

## CROSS REFERENCE

| | A60 | A61 | A62 | A64 | A66 | A66 | A69 | A71 | A72 | A79 |
|---|---|---|---|---|---|---|---|---|---|---|
| BRASS CRAFT | 260AB | 261AB | 262AB | 264AB | 266AB | 268AB | 269AB | 271AB | 272AB | 279AB |
| CORONET | B60 | B161 | B162 | B164 | B166 | B168 | B169 | B171 | B172 | B177 |
| IMPERIAL | 460-F | 461-F | 462-F | 464-F[1] | 466-F | 468-F | 459-F | 461-F | 462-F | 464-F[1] |
| PARKER | 60AB | 61AB | 62AB | 264AB | 66AB | VS68AB[2] | VS269AB[3] | VS271AB[3] | VS272AB[3] | VS279AB[3] |
| WEATHERHEAD | 1360 | 1361 | 1362 | 1364 | 1366 | 1368 | 1369 | 1371 | 1372 | 1380 |

1. Forged brass body. All others listed are extruded brass (barstock).

**WARNING**

*NEVER re-use sleeves when reinstalling split ferrule fittings. Always replace with a new sleeve. For copper tubing only.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## PIPE FITTINGS†

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **BP100 ELBOW 90°** | | |
|  BP100 | BP100-2 | 1/8″ | 10 |
| | BP100-4 | 1/4″ | 10 |
| | BP100-6 | 3/8″ | 5 |
| | BP100-8 | 1/2″ | 5 |
| | BP100-12 | 3/4″ | 2 |
| | **BP101 TEE** | | |
|  BP101 | BP101-2 | 1/8″ | 5 |
| | BP101-4 | 1/4″ | 5 |
| | BP101-6 | 3/8″ | 5 |
| | BP101-8 | 1/2″ | 5 |
| | BP101-12 | 3/4″ | 5 |
| | **BP102 CROSS** | | |
|  BP102 | BP102-2 | 1/8″ | 5 |
| | BP102-4 | 1/4″ | 5 |
| | BP102-6 | 3/8″ | 2 |
| | BP102-8 | 1/2″ | 2 |
| | **BP103 COUPLING** | | |
|  BP103 | BP103-2 | 1/8″ | 10 |
| | BP103-4 | 1/4″ | 10 |
| | BP103-6 | 3/8″ | 5 |
| | BP103-8 | 1/2″ | 5 |
| | BP103-12 | 3/4″ | 5 |
| | BP103-16 | 1″ | 2 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **BP104 UNION** | | |
|  BP104 | BP104-2 | 1/8″ | 1 |
| | BP104-4 | 1/4″ | 5 |
| | BP104-6 | 3/8″ | 5 |
| | BP104-8 | 1/2″ | 2 |
| | **BP108 CAP** | | |
| | BP108-2 | 1/8″ | 10 |
| | BP108-4 | 1/4″ | 10 |
|  BP108 | BP108-6 | 3/8″ | 5 |
| | BP108-8 | 1/2″ | 5 |
| | BP108-12 | 3/4″ | 5 |
| | **BP109 SQUARE HEAD PLUG** | | |
| | BP109-2 | 1/8″ | 10 |
| | BP109-4 | 1/4″ | 10 |
| | BP109-6 | 3/8″ | 5 |
|  BP109 | BP109-8 | 1/2″ | 5 |
| | BP109-12 | 3/4″ | 5 |
| | BP109-16 | 1″ | 5 |

## CROSS REFERENCE

| | BP100 | BP101 | BP102 | BP103 | BP104 | BP108 | BP109 |
|---|---|---|---|---|---|---|---|
| BRASS CRAFT | 200 | 203 | 102 | 207 | 104 | 213 | 211 |
| CORONET | 100 | 101 | 102 | 103 | 104 | 108 | 109 |
| IMPERIAL | 100-B* | 101-B* | 102-B* | 103-B | 104-B | 108-B | 109-B |
| PARKER — FORGED | 1200P* | 1203P* | — | — | — | — | — |
| PARKER — EXTRUDED | 2200P | 2203P | 2205P | 207P | 212P | 213P | 211P |
| WEATHERHEAD | 3500 | 3700 | 3950 | 3300 | 3250 | 3129 | 3151 |

*Forged brass body. All others listed are extruded brass (barstock).

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## PIPE FITTINGS†, continued



BP110-4



BP110-6



BP110-12



BP112

| PN | SIZE | SALES PACK |
|---|---|---|
| **BP110 REDUCER BUSHING** | | |
| BP110-4-2 | 1/4″ × 1/8″ | 10 |
| BP110-6-2 | 3/8″ × 1/8″ | 10 |
| BP110-6-4 | 3/8″ × 1/4″ | 10 |
| BP110-8-2 | 1/2″ × 1/8″ | 5 |
| BP110-8-4 | 1/2″ × 1/4″ | 5 |
| BP110-8-6 | 1/2″ × 3/8″ | 5 |
| BP110-12-2 | 3/4″ × 1/8″ | 1 |
| BP110-12-4 | 3/4″ × 1/4″ | 2 |
| BP110-12-6 | 3/4″ × 3/8″ | 2 |
| BP110-12-8 | 3/4″ × 1/2″ | 2 |
| BP110-16-12 | 1″ × 3/4″ | 2 |
| **B112 CLOSE NIPPLE** | | |
| BP112-2 | 1/8″ | 10 |
| BP112-4 | 1/4″ | 10 |
| BP112-6 | 3/8″ | 10 |
| BP112-8 | 1/2″ | 5 |
| BP112-12 | 3/4″ | 5 |
| BP112-16 | 1″ | 5 |



BP113

| PN | SIZE | SALES PACK |
|---|---|---|
| **BP113 LONG NIPPLE** | | |
| BP113-2-15 | 1/8″ × 1-1/2″ | 10 |
| BP113-4-15 | 1/4″ × 1-1/2″ | 10 |
| BP113-6-15 | 3/8″ × 1-1/2″ | 5 |
| BP113-8-15 | 1/2″ × 1-1/2″ | 5 |
| BP113-12-15 | 3/4″ × 1-1/2″ | 2 |
| BP113-2-20 | 1/8″ × 2″ | 10 |
| BP113-4-20 | 1/4″ × 2″ | 10 |
| BP113-6-20 | 3/8″ × 2″ | 5 |
| BP113-8-20 | 1/2″ × 2″ | 5 |
| BP113-12-20 | 3/4″ × 2″ | 2 |
| BP113-2-25 | 1/8″ × 2-1/2″ | 2 |
| BP113-4-25 | 1/4″ × 2-1/2″ | 10 |
| BP113-6-25 | 3/8″ × 2-1/2″ | 5 |
| BP113-8-25 | 1/2″ × 2-1/2″ | 10 |
| BP113-12-25 | 3/4″ × 2-1/2″ | 2 |
| BP113-2-30 | 1/8″ × 3″ | 5 |
| BP113-4-30 | 1/4″ × 3″ | 10 |
| BP113-6-30 | 3/8″ × 3″ | 5 |
| BP113-8-30 | 1/2″ × 3″ | 5 |
| BP113-12-30 | 3/4″ × 3″ | 2 |

## CROSS REFERENCE

| | BP110 | BP112 | BP113 |
|---|---|---|---|
| BRASS CRAFT | PRB | 215 | 113 |
| CORONET | 110 | 112 | 113 |
| IMPERIAL | 110-B | 112-B | 113-B |
| PARKER — EXTRUDED | 209P | 215PN | 215PNL |
| WEATHERHEAD | 3220 | 3326 | 3327 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## PIPE FITTINGS†, continued

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **BP116 STREET ELBOW 90°** | | |
|  BP116 | BP116-2 | 1/8″ | 10 |
| | BP116-4 | 1/4″ | 10 |
| | BP116-4-2 | 1/4″ × 1/8″ | 5 |
| | BP116-6 | 3/8″ | 5 |
| | BP116-8 | 1/2″ | 5 |
| | BP116-8-6 | 1/2″ × 3/8″ | 5 |
| | BP116-12 | 3/4″ | 5 |
| | **BP117 SLOTTED HEAD PLUG** | | |
|  BP117 | BP117-2 | 1/8″ | 10 |
| | BP117-4 | 1/4″ | 10 |
| | BP117-6 | 3/8″ | 10 |
| | **BP118 RECESSED HEX HEAD PLUG** | | |
|  BP118 | BP118-2 | 1/8″ | 25 |
| | BP118-4 | 1/4″ | 10 |
| | BP118-6 | 3/8″ | 10 |
| | BP118-8 | 1/2″ | 10 |
| | BP118-12 | 3/4″ | 5 |
| | BP118-16* | 1″ | 1 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **BP119 REDUCER COUPLING** | | |
|  BP119 | BP119-4-2 | 1/4″ × 1/8″ | 10 |
| | BP119-6-2 | 3/8″ × 1/8″ | 10 |
| | BP119-6-4 | 3/8″ × 1/4″ | 10 |
| | BP119-8-4 | 1/2″ × 1/4″ | 2 |
| | BP119-8-6 | 1/2″ × 3/8″ | 2 |
| | BP119-12-6 | 3/4″ × 3/8″ | 2 |
| | BP119-12-8 | 3/4″ × 1/2″ | 2 |
| | **BP120 ADAPTER** | | |
|  BP120 | BP120-2-2 | 1/8″ × 1/8″ | 10 |
| | BP120-4-2 | 1/4″ × 1/8″ | 10 |
| | BP120-4-4 | 1/4″ × 1/4″ | 10 |
| | BP120-6-2 | 3/8″ × 1/8″ | 10 |
| | BP120-6-4 | 3/8″ × 1/4″ | 10 |
| | BP120-6-6 | 3/8″ × 3/8″ | 10 |
| | BP120-8-4 | 1/2″ × 1/4″ | 2 |
| | BP120-8-6 | 1/2″ × 3/8″ | 2 |
| | BP120-8-8 | 1/2″ × 1/2″ | 2 |
| | BP120-12-6 | 3/4″ × 3/8″ | 2 |
| | BP120-12-8 | 3/4″ × 1/2″ | 2 |
| | BP120-12-12 | 3/4″ × 3/4″ | 1 |

## CROSS REFERENCE

| | BP116 | BP117 | BP118 | BP119 | BP120 |
|---|---|---|---|---|---|
| BRASS CRAFT | 202 | — | 219 | 119 | 120 |
| CORONET | 116 | 117 | 118 | 10 | 120 |
| IMPERIAL | 116-B* | 117-B | — | — | — |
| PARKER — FORGED | 1202P* | — | — | — | — |
| PARKER — EXTRUDED | 2202P | 220P | 219P | 208P | 222P |
| WEATHERHEAD | 3400 | 3150 | — | 3300 | 3200 |

* Forged brass body. All others listed are extruded brass (barstock).

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## PIPE FITTINGS†, continued

| | PN | SIZE | SALES PACK |
|---|---|---|---|
|  BP121 | **BP121 HEX HEAD PLUG** | | |
| | BP121-2 | 1/8″ | 10 |
| | BP121-4 | 1/4″ | 10 |
| | BP121-6 | 3/8″ | 5 |
| | BP121-8 | 1/2″ | 5 |
| | BP121-12 | 3/4″ | 5 |
|  BP122 | **BP122 HEX NIPPLE** | | |
| | BP122-2 | 1/8″ | 10 |
| | BP122-4 | 1/4″ | 10 |
| | BP122-6 | 3/8″ | 5 |
| | BP122-8 | 1/2″ | 5 |
| | BP122-12 | 3/4″ | 5 |
|  BP123 | **BP123 REDUCING NIPPLE** | | |
| | BP123-4-2 | 1/4″ × 1/8″ | 10 |
| | BP123-6-2 | 3/8″ × 1/8″ | 1 |
| | BP123-6-4 | 3/8″ × 1/4″ | 5 |
| | BP123-8-4 | 1/2″ × 1/4″ | 5 |
| | BP123-8-6 | 1/2″ × 3/8″ | 5 |
| | BP123-12-8 | 3/4″ × 1/2″ | 2 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
|  BP124 | **BP124 STREET ELBOW 45°** | | |
| | BP124-2 | 1/8″ | 10 |
| | BP124-4 | 1/4″ | 5 |
| | BP124-6 | 3/8″ | 5 |
| | BP124-8 | 1/2″ | 5 |
| | BP124-12 | 3/4″ | 5 |
|  BP126 | **BP126 MALE UNION ELBOW 90°** | | |
| | BP126-2 | 1/8″ | 5 |
| | BP126-6 | 3/8″ | 5 |
| | BP126-8 | 1/2″ | 2 |
|  BP127 | **BP127 STREET TEE** | | |
| | BP127-2 | 1/8″ | 5 |
| | BP127-4 | 1/4″ | 5 |
| | BP127-6 | 3/8″ | 2 |
| | BP127-8 | 1/2″ | 2 |
| | BP127-12 | 3/4″ | 2 |
|  BP128 | **BP128 MALE BRANCH TEE** | | |
| | BP128-2 | 1/8″ | 5 |
| | BP128-4 | 1/4″ | 5 |
| | BP128-6 | 3/8″ | 2 |
| | BP128-8 | 1/2″ | 2 |
| | **BP129 FEMALE ELBOW 45°** | | |
| | BP129-2 | 1/8″ | 5 |

## CROSS REFERENCE

| | BP121 | BP122 | BP123 | BP124 | BP126 | BP127 | BP128 | BP129 |
|---|---|---|---|---|---|---|---|---|
| BRASS CRAFT | PPH | PHN | PHN | 224 | — | 225 | 226 | 205 |
| CORONET | 121 | 122 | 123 | 124 | 126 | 127 | 128 | 129 |
| IMPERIAL | 121-B | 122-B | 123-B | 124-B* | — | 127-B* | — | — |
| PARKER — FORGED | — | — | — | — | 1204P | — | — | — |
| PARKER — EXTRUDED | 218P | 216P | 216P | 2214P | — | 2225P | 2224P | 2201P |
| WEATHERHEAD | 3152 | 3325 | 3325 | 3350 | — | 3750 | 3600 | — |

* Forged brass body. All others listed are extruded brass (barstock).

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## INVERTED FITTINGS†


IF39S


IF41S


IF42


IF59

| PN | SIZE | SALES PACK |
|---|---|---|
| **IF39S STEEL PLUG** | | |
| IF39S-3 | 3/16″ | 10 |
| IF39S-4 | 1/4″ | 1 |
| IF39S-5 | 5/16″ | 10 |
| IF39S-6 | 3/8″ | 1 |
| **IF41S STEEL NUT** | | |
| IF41S-3 | 3/16″ | 20 |
| IF41S-4 | 1/4″ | 20 |
| IF41S-5 | 5/16″ | 1 |
| IF41S-6 | 3/8″ | 10 |
| IF41S-8 | 1/2″ | 1 |
| **IF42 UNION** | | |
| IF42-2 | 1/8″ | 10 |
| IF42-3 | 3/16″ | 10 |
| IF42-4 | 1/4″ | 10 |
| IF42-5 | 5/16″ | 1 |
| IF42-6 | 3/8″ | 1 |
| **IF59 MALE ELBOW 45°** | | |
| IF59-6-4 | 3/8″ × 1/4″ | 1 |


IF48


IF49

| PN | SIZE | SALES PACK |
|---|---|---|
| **IF48 MALE CONNECTOR** | | |
| IF48-2-2 | 1/8″ × 1/8″ | 1 |
| IF48-3-2 | 3/16″ × 1/8″ | 10 |
| IF48-4-2 | 1/4″ × 1/8″ | 1 |
| IF48-4-4 | 1/4″ × 1/4″ | 10 |
| IF48-5-2 | 5/16″ × 1/8″ | 10 |
| IF48-5-4 | 5/16″ × 1/4″ | 10 |
| IF48-6-2 | 3/8″ × 1/8″ | 5 |
| IF48-6-4 | 3/8″ × 1/4″ | 10 |
| IF48-6-6 | 3/8″ × 3/8″ | 10 |
| IF48-8-4 | 1/2″ × 1/4″ | 2 |
| IF48-8-6 | 1/2″ × 3/8″ | 1 |
| IF48-8-8 | 1/2″ × 1/2″ | 2 |
| **IF49 MALE ELBOW 90°** | | |
| IF49-3-2 | 3/16″ × 1/8″ | 10 |
| IF49-4-2 | 1/4″ × 1/8″ | 10 |
| IF49-4-4 | 1/4″ × 1/4″ | 1 |
| IF49-5-2 | 5/16″ × 1/8″ | 10 |
| IF49-5-4 | 5/16″ × 1/4″ | 1 |
| IF49-6-4 | 3/8″ × 1/4″ | 1 |
| IF49-6-6 | 3/8″ × 3/8″ | 1 |
| IF49-8-6 | 1/2″ × 3/8″ | 1 |
| IF49-8-8 | 1/2″ × 1/2″ | 1 |
| IF49-10-8 | 5/8″ × 1/2″ | 1 |

## CROSS REFERENCE

| | SUFFIX | IF39S | IF41S | IF42 | IF46 | IF48 | IF49 | IF59 |
|---|---|---|---|---|---|---|---|---|
| BRASS CRAFT | Tube x Pipe | — | 41IFS | 42IF | 46IF | 48IF | 49IF | 59IF |
| CORONET | Tube x Pipe | 106 | 105-S | 300 | 250 | 200 | 400 | 352 |
| PARKER | Tube x Pipe | — | 41IFS | 42IFHD | 46IFHD | 48IFHD | 249IFHD | 259IFHD |
| WEATHERHEAD | Tube x Pipe | 131 | 105 | 302 | 252 | 202 | 402 | 352 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## FLARED TUBE†

| | PN | SIZE | SALES PACK |
|---|---|---|---|
|  F39 | **F39 FLARED SEAL PLUG** | | |
| | F39-4 | 1/4″ | 10 |
| | F39-5 | 5/16″ | 10 |
| | F39-6 | 3/8″ | 5 |
| | F39-8 | 1/2″ | 5 |
| | F39-10 | 5/8″ | 5 |
|  F40 | **F40 CAP NUT** | | |
| | F40-3 | 3/16″ | 10 |
| | F40-4 | 1/4″ | 10 |
| | F40-5 | 5/16″ | 10 |
| | F40-6 | 3/8″ | 5 |
| | F40-8 | 1/2″ | 5 |
| | F40-10 | 5/8″ | 10 |
|  F41L | **F41L LONG NUT** | | |
| | F41L-3 | 3/16″ | 10 |
| | F41L-4 | 1/4″ | 1 |
| | F41L-5 | 5/16″ | 1 |
| | F41L-6 | 3/8″ | 5 |
| | F41L-8 | 1/2″ | 5 |
| | F41L-10 | 5/8″ | 2 |
| | F41L-12 | 3/4″ | 2 |
|  F41S | **F41S SHORT NUT** | | |
| | F41S-4 | 1/4″ | 10 |
| | F41S-5 | 5/16″ | 10 |
| | F41S-6 | 3/8″ | 25 |
| | F41S-10 | 5/8″ | 5 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
|  F42 | **F42 UNION** | | |
| | F42-2 | 1/8″ | 1 |
| | F42-3 | 3/16″ | 1 |
| | F42-4 | 1/4″ | 10 |
| | F42-5 | 5/16″ | 5 |
| | F42-6 | 3/8″ | 5 |
| | F42-8 | 1/2″ | 2 |
| | F42-10 | 5/8″ | 2 |
|  F44 | **F44 UNION TEE** | | |
| | F44-4 | 1/4″ | 5 |
| | F44-5 | 5/16″ | 2 |
| | F44-6 | 3/8″ | 2 |
| | F44-8 | 1/2″ | 2 |
|  F45 | **F45 MALE BRANCH TEE** | | |
| | F45-4-2 | 1/4″ × 1/8″ | 5 |
| | F45-4-4 | 1/4″ × 1/4″ | 5 |
| | F45-6-4 | 3/8″ × 1/4″ | 2 |
| | F45-6-6 | 3/8″ × 3/8″ | 5 |
| | F45-8-6 | 1/2″ × 3/8″ | 2 |
| | F45-8-8 | 1/2″ × 1/2″ | 2 |
|  F46 | **F46 FEMALE CONNECTOR** | | |
| | F46-2-2 | 1/8″ × 1/8″ | 5 |
| | F46-4-2 | 1/4″ × 1/8″ | 10 |
| | F46-5-4 | 5/16″ × 1/4″ | 10 |
| | F46-6-2 | 3/8″ × 1/8″ | 1 |
| | F46-6-4 | 3/8″ × 1/4″ | 10 |
| | F46-6-6 | 3/8″ × 3/8″ | 10 |
| | F46-6-8 | 3/8″ × 1/2″ | 5 |
| | F46-8-6 | 1/2″ × 3/8″ | 2 |
| | F46-8-8 | 1/2″ × 1/2″ | 1 |

## CROSS REFERENCE

| | SUFFIX | F39 | F40 | F41L | F41S | F42 | F44 | F45 |
|---|---|---|---|---|---|---|---|---|
| BRASS CRAFT — BARSTOCK | Tube x Pipe | 39 | 40 | 41L | 41S | 42 | 44 | 45 |
| BRASS CRAFT — FORGED | Tube x Pipe | — | — | — | — | — | 144* | 145* |
| CORONET | Tube x Pipe | 57 | 56 | 41L | 41S | 42 | 44 | 45 |
| IMPERIAL | Tube x Pipe | 639-F | 640-FB | 41-F | 41-FS | 642-F | 644-F | 645-F |
| PARKER — BARSTOCK | Tube x Pipe | 639F | 640F | 41FL | 41FS | 42F | 244F | — |
| PARKER — FORGED | Tube x Pipe | — | — | — | — | — | 144F* | 145F* |
| WEATHERHEAD | Tube x Pipe | — | — | 41 | 1110 | 42 | 44 | 45 |

* Forged brass body. All others listed are extruded brass (barstock).

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## FLARED TUBE†, continued


F49

| PN | SIZE | SALES PACK |
|---|---|---|
| **F49 MALE ELBOW 90°** | | |
| F49-2-2 | 1/8″ × 1/8″ | 10 |
| F49-3-2 | 3/16″ × 1/8″ | 10 |
| F49-4-2 | 1/4″ × 1/8″ | 1 |
| F49-4-4 | 1/4″ × 1/4″ | 10 |
| F49-4-6 | 1/4″ × 3/8″ | 10 |
| F49-5-2 | 5/16″ × 1/8″ | 10 |
| F49-5-4 | 5/16″ × 1/4″ | 10 |
| F49-6-2 | 3/8″ × 1/8″ | 5 |
| F49-6-4 | 3/8″ × 1/4″ | 5 |
| F49-6-6 | 3/8″ × 3/8″ | 5 |
| F49-6-8 | 3/8″ × 1/2″ | 5 |
| F49-8-4 | 1/2″ × 1/4″ | 1 |
| F49-8-6 | 1/2″ × 3/8″ | 5 |
| F49-8-8 | 1/2″ × 1/2″ | 5 |
| F49-10-6 | 5/8″ × 3/8″ | 2 |
| F49-10-8 | 5/8″ × 1/2″ | 2 |
| F49-10-12 | 5/8″ × 3/4″ | 2 |
| F49-12-8 | 3/4″ × 1/2″ | 2 |
| F49-12-12 | 3/4″ × 3/4″ | 2 |
| **F50 FEMALE ELBOW 90°** | | |
| F50-4-4 | 1/4″ × 1/4″ | 5 |
| F50-5-2 | 5/16″ × 1/8″ | 5 |
| F50-6-4 | 3/8″ × 1/4″ | 5 |
| F50-6-8 | 3/8″ × 1/2″ | 5 |
| **F48 MALE CONNECTOR** | | |
| F48-2-2 | 1/8″ × 1/8″ | 10 |
| F48-4-2 | 1/4″ × 1/8″ | 10 |
| F48-4-4 | 1/4″ × 1/4″ | 10 |


F50


F48

| PN | SIZE | SALES PACK |
|---|---|---|
| **F48 MALE CONNECTOR, continued** | | |
| F48-4-6 | 1/4″ × 3/8″ | 10 |
| F48-4-8 | 1/4″ × 1/2″ | 1 |
| F48-5-2 | 5/16″ × 1/8″ | 10 |
| F48-5-4 | 5/16″ × 1/4″ | 10 |
| F48-6-2 | 3/8″ × 1/8″ | 5 |
| F48-6-4 | 3/8″ × 1/4″ | 5 |
| F48-6-6 | 3/8″ × 3/8″ | 5 |
| F48-6-8 | 3/8″ × 1/2″ | 5 |
| F48-8-4 | 1/2″ × 1/4″ | 5 |
| F48-8-6 | 1/2″ × 3/8″ | 5 |
| F48-8-8 | 1/2″ × 1/2″ | 5 |
| F48-10-6 | 5/8″ × 3/8″ | 2 |
| F48-10-8 | 5/8″ × 1/2″ | 2 |
| F48-12-8 | 3/4″ × 1/2″ | 2 |
| **F51 MALE RUN TEE** | | |
| F51-4-2 | 1/4″ × 1/8″ | 5 |
| F51-6-4 | 3/8″ × 1/4″ | 2 |
| **F59 MALE ELBOW 45°** | | |
| F59-4-2 | 1/4″ × 1/8″ | 5 |
| F59-4-4 | 1/4″ × 1/4″ | 5 |
| F59-5-2 | 5/16″ × 1/8″ | 5 |
| F59-5-4 | 5/16″ × 1/4″ | 5 |
| F59-6-4 | 3/8″ × 1/4″ | 5 |
| F59-6-6 | 3/8″ × 3/8″ | 5 |
| F59-8-6 | 1/2″ × 3/8″ | 2 |
| F59-8-8 | 1/2″ × 1/2″ | 2 |
| F59-10-6 | 5/8″ × 3/8″ | 1 |
| F59-10-8 | 5/8″ × 1/2″ | 2 |


F59

## CROSS REFERENCE

| | SUFFIX | F46 | F48 | F49 | F50 | F51 | F59 |
|---|---|---|---|---|---|---|---|
| BRASS CRAFT — BARSTOCK | Tube × Pipe | 46 | 48 | 49 | 50 | — | — |
| BRASS CRAFT — FORGED | Tube × Pipe | — | — | 149* | 150* | 151* | 159* |
| CORONET | Tube × Pipe | 46 | 48 | 49 | 50 | 51 | 47 |
| IMPERIAL | Tube × Pipe | 646-F | 648-F | 649-F | 650-F | 651-F | 654-F |
| PARKER — BARSTOCK | Tube × Pipe | 46F | 48F | 249F | 250F | — | |
| PARKER — FORGED | Tube × Pipe | — | — | 149F* | 150F* | 151F* | 159F* |
| WEATHERHEAD | Tube × Pipe | 46 | 48 | 49 | 50 | 51 | 54 |

* Forged brass body. All others listed are extruded brass (barstock).

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## PUSH ON-CONNECTORS†


PH45SW


PH48


PH62


PH68

| PN | SIZE | SALES PACK |
|---|---|---|
| **PH45 FEMALE SWIVEL FLARE** | | |
| PH45SW-4-4 | 1/4″ × 1/4″ | 10 |
| PH37SW-6-6 | 3/8″ × 3/8″ | 10 |
| PH45SW-8-8 | 1/2″ × 1/2″ | 10 |
| **PH48 FLARE CONNECTOR 45°** | | |
| PH48-6-6 | 3/8″ × 3/8″ | 5 |
| **PH481FSW MALE CONNECTOR** | | |
| PH48IFSW-4-4 | 1/4″ × 1/4″ | 1 |
| PH48IFSW-6-6 | 3/8″ × 3/8″ | 5 |
| **PH62 UNION** | | |
| PH62-4 | 1/4″ | 10 |
| PH62-5 | 5/16″ | 10 |
| PH62-6 | 3/8″ | 5 |
| PH62-8 | 1/2″ | 5 |
| PH62-10 | 5/8″ | 2 |
| **PH68 MALE CONNECTOR** | | |
| PH68-4-2 | 1/4″ × 1/8″ | 10 |
| PH68-4-4 | 1/4″ × 1/4″ | 10 |
| PH68-5-4 | 5/16″ × 1/4″ | 10 |
| PH68-6-4 | 3/8″ × 1/4″ | 5 |
| PH68-6-6 | 3/8″ × 3/8″ | 5 |
| PH68-6-8 | 3/8″ × 1/2″ | 5 |
| PH68-8-6 | 1/2″ × 3/8″ | 5 |
| PH68-8-8 | 1/2″ × 1/2″ | 5 |
| PH68-10-8 | 5/8″ × 1/2″ | 5 |
| PH68-12-12 | 3/4″ × 3/4″ | 5 |
| **PH68TS RIGID TUBE SHANK** | | |
| PH68TS-6-6 | 3/8″ × 3/8″ | 5 |

## HOSE BARB


HB62


HB66


HB69

| PN | SIZE | SALES PACK |
|---|---|---|
| **HB62 UNION** | | |
| HB62-4 | 1/4″ | 2 |
| HB62-5 | 5/16″ | 2 |
| HB62-6 | 3/8″ | 10 |
| HB62-8 | 1/2″ | 5 |
| HB62-10 | 5/8″ | 2 |
| HB62-12 | 3/4 | 2 |
| **HB66 FEMALE CONNECTOR** | | |
| HB66-4-4 | 1/4″ × 1/4″ | 25 |
| HB66-6-4 | 3/8″ × 1/4″ | 10 |
| HB66-6-6 | 3/8″ × 3/8″ | 10 |
| HB66-8-6 | 1/2″ × 3/8″ | 2 |
| HB66-8-8 | 1/2″ × 1/2″ | 5 |
| **HB69 MALE ELBOW 90°** | | |
| HB69-4-2 | 1/4″ × 1/8 | 10 |
| HB69-4-4 | 1/4″ × 1/4″ | 10 |
| HB69-6-4 | 3/8″ × 1/4″ | 5 |
| HB69-6-6 | 3/8″ × 3/8″ | 10 |
| HB69-8-6 | 1/2″ × 3/8″ | 10 |
| HB69-12-8 | 3/4 × 1/2″ | 2 |


HB68

| PN | SALES PACK | PN | SALES PACK |
|---|---|---|---|
| **HB68 MALE CONNECTOR** | | | |
| HB68-4-2 | 25 | HB68-8-4 | 5 |
| HB68-4-4 | 25 | HB68-8-6 | 5 |
| HB68-4-6 | 10 | HB68-8-8 | 1 |
| HB68-5-2 | 10 | HB68-8-12 | 5 |
| HB68-5-4 | 10 | HB68-10-6 | 5 |
| HB68-6-2 | 10 | HB68-10-8 | 5 |
| HB68-6-4 | 10 | HB68-12-8 | 5 |
| HB68-6-6 | 10 | HB68-12-12 | 5 |
| HB68-6-8 | 5 | HB68-12-16 | 1 |
| — | — | HB68-16-12 | 2 |

## CROSS REFERENCE

| | PH48[1] | PH48IFSW[1] | PH62[1] | PH68[1] | PH68TS[1] | HB62[2] | HB66[2] | HB68[2] | HB69[2] |
|---|---|---|---|---|---|---|---|---|---|
| BRASS CRAFT[3] | 682 | 690 | 696 | 625 | 694 | 73 | 126 | 125 | 129 |
| CORONET | P48 | P105 | PHS | P112 | P11 | 138 | 144 | 139 | 146 |
| IMPERIAL | KA*-*MS | KA*-*MF | KA*-*RM | KA*-*MB | 642-F | KF*-*RM | KF*-*RS | KF*-*PS | KD*-*PS90 |
| PARKER[4] | 30482 | 32882 | 38282 | 30182 | 33482 | 122HBL | 126HBL | 125HBL | 129HB |
| WEATHERHEAD | 100**B-3 | 100**B-B | 100**B-Y | 100**B-1** | 100**B-x** | — | 105**B-2** | 105**B-1** | — |

For Weatherhead, replace ** with 03 for 3/16″, 04 for 1/4″, 05 for 5/16″, 06 for 3/8″, 08 for 1/2″, 10 for 5/8″, and 12 for 3/4″
1. Suffix: Hose × Tube 2. Suffix: Hose and Pipe 3. Brass Craft — Barstock 4. Parker — Barstock

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## BRASS TRUCK & NEEDLE VALVES†


TV404


TV405


TV409


TV412


TV590

| TRUCK VALVES | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **TV404P HOSE** | | |
| | TV404P-6-6 | 3/8″ × 3/8″ | 1 |
| | TV404P-10-6 | 5/8″ × 3/8″ | 1 |
| | TV404P-10-8 | 5/8″ × 1/2″ | 1 |
| | TV404P-12-6 | 3/4″ × 3/8″ | 1 |
| | TV404P-12-8 | 3/4″ × 1/2″ | 1 |
| | **TV405P FEMALE PIPE** | | |
| | TV405P-6-6 | 3/8″ × 3/8″ | 1 |
| | TV405P-6-8 | 3/8″ × 1/2″ | 1 |
| | TV405P-8-8 | 1/2″ × 1/2″ | 1 |
| | **TV409F FLARE** | | |
| | TV409F-10-8 | 5/8″ × 1/2″ | 1 |
| | **TV412F FLARE** | | |
| | TV412F FLARE | 5/8″ × 1/2″ | 1 |
| | **TV590P FEMALE BALL VALVE** | | |
| | TV590P-8 | 1/2″ × 1/2″ | 1 |


NV101


NV103


NV109

| NEEDLE VALVES | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **ANGLED NEEDLE** | | |
| | NV101-6-4 | 3/8″ × 1/4″ | 1 |
| | **NV103 STRAIGHT NEEDLE** | | |
| | NV103-6-4 | 3/8″ × 1/4″ | 5 |
| | **NV109 STRAIGHT NEEDLE** | | |
| | NV109-2 | 1/8″ | 5 |
| | NV109-4 | 1/4″ | 1 |

## CROSS REFERENCE — TRUCK VALVES

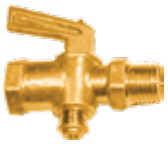
| | TV404P | TV404P | TV405P | TV409F | TV412F | TV590P |
|---|---|---|---|---|---|---|
| CORONET | 881 | 881 | 882 | 883 | 887 | 120 |
| PARKER | SV404P | V404P | V405P | V409F | V412F | XV590P |

## CROSS REFERENCE — NEEDLE VALVES

| | TV404P | TV405P | TV409F |
|---|---|---|---|
| BRASS CRAFT | NV103 | NV104 | NV109 |
| CORONET | 823 | 821 | 817 |
| PARKER | NV103F | HV104C | NV109P |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## BRASS SHUT-OFF COCKS†



V402



V403



VHP411

| PN | SIZE | SALES PACK |
|---|---|---|
| **V402 SHUT OFF COCK** | | |
| V402-4 | 1/4″ | 1 |
| V402-6 | 3/8″ | 1 |
| **V403 SHUT OFF COCK** | | |
| V403-2 | 1/8″ | 1 |
| V403-4 | 1/4″ | 1 |
| **VHP411-4 HIGH PRESSURE** | | |
| VHP411-4 | 1/4″ × 1/4″ | 1 |

## FUEL SELECTOR VALVES — 1-3/8″ STEM LENGTH



TV406P

| PN | TYPE | PORTS | SALES PACK |
|---|---|---|---|
| TV406P-4 | 3-way | 1/4″ | 1 |
| TV406P-6 | 3-way | 3/8″ | 1 |
| TV407P-4 | 4-way | 1/4″ | 1 |
| TV407P-6 | 4-way | 3/8″ | 1 |

## CROSS REFERENCE
### Shut-Off Cocks

| | V401 | V402 | V403 |
|---|---|---|---|
| BRASS CRAFT | V401 | V402 | FF209 |
| CORONET | 890 | 880 | 875 |
| PARKER | V401P | V402P | V403P |

## CROSS REFERENCE
### Fuel Selector Valves

| | TV406P-4 | TV406P-6 | TV407P-4 | TV407P-6 |
|---|---|---|---|---|
| HM | | | 30000 | |
| PARKER | V406P-4 | V406P-6 | V407P-4 | V407P-6 |
| SPARES | 6749 | 6709 | 6747 | 6707 |
| VLC | | 60004 | 60007 | 60001 |

## TECH TIPS

**All valves"click" when handle is rotated into position.** Valves are O-ring sealed and feature bracket mounting. Stem length is measured from top of bracket to underside of handle.

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## DRAIN COCKS†

| | PN | SIZE | SALES PACK |
|---|---|---|---|
|  DRC601 | **DRC601 DRAIN COCK** | | |
| | DRC601-4 | 1/4″ | 1 |
| | **DRC602 INTERNAL SEAL** | | |
|  DRC602 | DRC602-2 | 1/8″ | 2 |
| | DRC602-4 | 1/4″ | 2 |
| | DRC602-6 | 3/8″ | 2 |
| | **DRC603 INTERNAL SEAL** | | |
|  DRC603 | DRC603-2 | 1/8″ | 5 |
| | DRC603-4 | 1/4″ | 5 |
| | DRC603-6 | 3/8″ | 5 |

| | PN | SIZE | SALES PACK |
|---|---|---|---|
| | **DRC604 EXTERNAL SEAL** | | |
|  DRC604 | DRC604-2 | 1/8″ | 2 |
| | DRC604-4 | 1/4″ | 10 |
| | DRC604-6 | 3/8″ | 5 |
| | **V601 DRAIN COCK** | | |
|  V601 | V601-2 | 1/8″ | 2 |
| | V601-4 | 1/4″ | 1 |
| | V601-6 | 3/8″ | 1 |

## BALL VALVES†

- Typically used to manually control the supply of air to an auxiliary device
- PBC ball valves can also be used for water, gas and oil
- All sizes 600 W.O.G.


BV8

| PN | SIZE | BODY LENGTH | HANDLE LENGTH | SALES PACK |
|---|---|---|---|---|
| BV4 | 1/4″ | 1-3/4″ | 3-5/8″ | 1 |
| BV6 | 3/8″ | 1-3/4″ | 3-5/8″ | 1 |
| BV8 | 1/2″ | 2-1/8″ | 3-3/4″ | 1 |
| BV12 | 3/4″ | 2-3/8″ | 4-1/2″ | 1 |
| BV16 | 1″ | 3″ | 5-3/8″ | 1 |
| BV20 | 1-1/4″ | 3-3/8″ | 5-3/8″ | 1 |
| BV24 | 1-1/2″ | 3-3/4″ | 7″ | 1 |
| BV32 | 2″ | 4-1/8″ | 7″ | 1 |
| BV40 | 2-1/2″ | 5-3/8″ | 9-3/4″ | 1 |
| BV48 | 3″ | 6″ | 9-3/4″ | 1 |

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# Suspension & Steering

3

## AIR SPRINGS

### AIR SPRINGS — CONTITECH

- The excellent and proven quality of ContiTech air springs make them the original equipment choice of numerous vehicle and suspension manufacturers around the world. ContiTech air springs for trucks, trailers and buses always guarantee OEM quality when you need a replacement.
- All ContiTech Air Springs will be free of defects in material and workmanship for a period of two years or 200,000 miles, whichever comes first.





| PN | APPLICATION | PRIMARY OEM CROSS | STYLE | BASE HEIGHT* | MIN–MAX HEIGHT** | FIRESTONE® CROSS |
|---|---|---|---|---|---|---|
| AS6897 | Watson & Chalin | AS0058 | Double Conv. | N/A | 3.12″ Min. Height | W01-358-6897 |
| AS7400 | Multiple Trailer | 90557016, S1013 | Double Conv. | N/A | 4.20″ Min. Height | W01-358-7400 |
| AS8050 | Hendrickson | S4771 | Rolling Lobe | 4.00″ | 5.80″–19.25″ | W01-358-8050 |
| AS8091 | Hendrickson | S20901 | Rolling Lobe | 4.75″ | 6.10″–19.00″ | W01-358-8091 |
| AS8204 | Neway | 90557173 | Rolling Lobe | 2.83″ | 4.40″–14.00″ | W01-358-8204 |
| AS8709 | Hendrickson | S21800 | Rolling Lobe | 4.75″ | 6.00″–19.40″ | W01-358-8709 |
| AS8755 | Hendrickson | S22045 | Rolling Lobe | 5.60″ | 7.20″–19.70″ | W01-358-8755 |
| AS8944 | Hendrickson | S20217 | Rolling Lobe | 5.67″ | 7.30″–21.70″ | W01-358-8944 |
| AS9039 | Multiple Trailer | 90557001, S2064 | Rolling Lobe | 3.00″ | 4.80″–12.20″ | W01-358-9039 |
| AS9069 | Peterbilt | 03-02456, 03-04759 | Rolling Lobe | 4.75″ | 7.50″–18.00 | W01-358-9069 |
| AS9082 | Multiple Trailer | S11651, 90557006 | Rolling Lobe | 5.67″ | 7.90″–20.75″ | W01-358-9082 |
| AS9101 | Multiple Trailer | 90557008, 12883-01 | Rolling Lobe | 7.40″ | 9.70″–25.60″ | W01-358-9101 |
| AS9122 | Multiple Trailer | 90557020, S3467 | Rolling Lobe | 7.00″ | 8.70″–27.30″ | W01-358-9122 |
| AS9265 | Hendrickson | S20124 | Rolling Lobe | 5.67″ | 7.30″–24.70″ | W01-358-9265 |
| AS9270 | Hendrickson | S20010 | Rolling Lobe | 3.90″ | 5.60″–16.90″ | W01-358-9270 |
| AS9293 | Neway | 90557120 | Double Conv. | 4.75″ | 6.50″–18.90″ | W01-358-9293 |
| AS9321 | Watson & Chalin | AS0036 | Rolling Lobe | 7.40″ | 9.20″–27.60″ | W01-358-9321 |
| AS9371 | Navistar | 1670073C1 | Rolling Lobe | 4.80″ | 6.00″–22.00″ | W01-358-9371 |
| AS9394 | Fruehauf | UCD9393-2 | Rolling Lobe | 7.40″ | 9.20″–25.60″ | W01-358-9394 |
| AS9422 | Kenworth | K303-6, K303-14 | Rolling Lobe | 2.83″ | 3.80″–13.30″ | W01-358-9422 |
| AS9580 | Hendrickson | S20127 | Double Conv. | 5.70″ | 7.40″–24.20″ | W01-358-9580 |
| AS9648 | Navistar | 2027911C1 | Rolling Lobe | 4.80″ | 5.90″–22.00″ | W01-358-9648 |
| AS9780*** | Freightliner | 16-13810-000 | Rolling Lobe | 6.90″ | 8.75″–23.00″ | W01-358-9780 |
| AS9781*** | Freightliner | 681-320-0017 | Rolling Lobe | 6.90″ | 8.75″–23.00″ | W01-358-9781 |
| AS9921 | Multiple Trailer | 90557117, AS0090 | Rolling Lobe | 4.75″ | 6.50″–21.60″ | W01-358-9921 |
| CB7036 | Peterbilt | 29-03200 | Cab | 3.12″ | 4.00″–14.00″ | W02-358-7036 |

* Base Height excludes Stud (if applicable) in inches

** Min-Max Height = Bottom of base (excluding stud) to top of top plate in inches

*** AS9780 has plastic base and AS9781 has aluminum base

## AIR SPRINGS — HD VALUE CROSS REFERENCE

| PN | CONTITECH | CONTI | FIRESTONE | GOODYEAR | AUTOMANN | TRIANGLE | DAYTON | EUCLID | CONNECT |
|---|---|---|---|---|---|---|---|---|---|
| HDV8709 | AS8709 | 64645 | W01-358-8709 | 1R13-159 | 1DK25A-8709 | AS-8453 TR | 10-98709 | E-FS8709 | 198709-CP |
| HDV8713 | AS8713 | 64636 | W01-358-8713 | 1R13-176<br>1R13-140 | 1DK25E-8713 | AS-8533 TR | 10-98713 | E-F8713 | 198713-CP |
| HDV9781 | AS9781 | 64266 | W01-358-9781* | 1R12-603* | 1DF23-9781 | AS-8382 TR | 10-99781 | E-FS9781 | 199781-CALU***<br>199781-CALU |
| HDV9069 | AS9069 | 64274 | W01-358-9069 | 1R12-069<br>1R12-669<br>1R12-676 | 1DK23I-9069 | AS-8312 TR | 10-99069 | E-FS9069 | 199069-CP |
| HDV9780 | AS9780 | 67473 | W01-358-9780** | 1R12-303** | 1DF23-9780 | AS-8382-P TR | 10-99780 | E-FS9780 | 199780-CP***<br>199780-CP |
| HDV8729 | AS8729 | 75741 | W01-358-8729 | 1R13-130 | 1DK25D-8729 | AS-8513 TR | 10-98729 | E-FS8729 | 198729-CP |
| HDV9807 | AS9807 | 68151 | W01-358-9807 | 1R12-1047 | 1DK23I-9807 | AS-8874 TR | — | — | 199807-CP |
| HDV8204 | AS8204 | 64456 | W01-358-8204 | 1R12-508 | 1DK23H-8204 | AS-8484 TR | 10-98204 | E-FS8204 | 198204-CP |
| HDV9978 | AS9978 | 67588 | W01-358-9978 | — | 1DK23I-P959 | AS-8959 TR | — | — | — |
| HDV9270 | AS9270 | 64287 | W01-358-9270 | 1R13-119 | 1DK23I-9270 | AS-8433 TR | 10-99270 | E-FS9270 | 199270-CP<br>199270-CS01 |
| HDV8755 | AS8755 | 64397 | W01-358-8755 | 1R13-124 | 1DK25B-8755 | AS-8522 TR | 10-98755 | E-FS8755 | 198755-CS |
| HDV8091 | AS8091 | 64421 | W01-358-8091 | 1R14-171 | 1DK28E-8091 | AS-8523 TR | 10-98091 | E-FS8091 | 198091-CP |
| HDV9265 | AS9265 | 64288 | W01-358-9265 | 1R12-375 | 1DK23L-9265 | AS-8435 TR | 10-99265 | E-FS9265 | 199265-CP |
| HDV9422 | AS9422 | 64255 | W01-358-9422 | 1R11-028 | 1DK20D-9422 | AS-8314 TR | 10-99422 | E-FS9422 | 199422-CP |
| HDV9082 | AS9082 | 70115 | — | 1R12-509* | — | — | — | — | — |
| HDV9580 | AS9580 | 64394 | W01-358-9580 | 1R13-118 | 1DK25C-9580 | AS-8434 TR | 10-99580 | E-FS9580 | 199580-CP<br>199580-CS |
| HDV8050 | AS8050 | 64254 | W01-358-8050 | 1R14-039 | — | AS-8320 TR | 10-98050 | E-FS8050 | 198050-CS |
| HDV8829 | AS8829 | 74884 | W01-358-8829 | 1R12-615 | 1DK23P-8829 | AS-8449 TR | — | — | 198829-CP |
| HDV9622 | AS9622 | 68359 | W01-358-9622 | 1R11-221 | 1DK20G-9622 | AS-8074 TR | 10-99622 | E-FS9622 | — |
| HDV9875 | AS9875 | 73746 | W01-358-1191 | 1R12-432 | 1DK23R-1731 | AS81067 TR | — | — | — |
| HDV9648 | AS9648 | 73770 | — | 1R12-538 | — | AS-81068 TR | — | — | — |
| HDV8864 | AS8864 | 66666 | W01-358-8864 | — | 1DK23L-8864 | AS-8898 TR | — | — | 198864-CP |
| HDV9974 | AS9974 | 67586 | W01-358-9974 | 1R12-1048 | 1DK23P-9974 | AS-8930 TR | — | — | 199974-CP<br>199974-CS |
| HDV8708 | AS8708 | 64638 | W01-358-8708 | 1R13-177 | 1DK25E-8708 | AS-8526 TR | 10-98708 | E-FS8708 | 198708-CP |
| HDV8852 | AS8852 | 64339 | W01-358-8852 | 1R12-568 | 1DK23L-8852 | AS-8472 TR | 10-98852 | E-FS8852 | 198852-CP |
| HDV9935 | AS9935 | 64412 | W01-358-9935 | 1R12-532 | 1DK23P-9935 | AS-8548 TR | 10-99935 | E-FS9935 | 199935-CP |
| HDV9375 | AS9375 | 68616 | — | 1R12-404 | — | — | — | — | — |
| HDV9394 | AS9394 | 64281 | W01-358-9394 | 1R12-279<br>1R12-281 | 1DK23L-9241 | AS-8383 TR | 10-99394 | E-FS9394 | 199394-CP |
| HDV8813 | AS8813 | 65990 | W01-358-8813 | — | 1DK23I-8813 | AS-8577 TR | — | — | 198813-CP |
| HDV6897 | AS6897 | 64517 | W01-358-6897 | 2B9-229 | SP2B12R-6897 | AS-4505 TR | 10-96897 | E-FS6897 | DC 1966897 |
| HDV9101 | AS9101 | 64279 | W01-358-9101 | 1R12-103 | 1DK23L-9101 | AS-8315 TR | 10-99101 | E-FS9101 | 199101-CP<br>199101-CS |
| HDV9626 | AS9626 | 64692 | W01-358-9626 | — | 1DK20J-9626 | AS-8568 TR | — | — | 199626-CP |
| HDV8774 | AS8774 | 65593 | W01-358-8774 | 1R14-172 | 1DK28M-8774 | AS-8745 TR | — | — | 198774-CP |
| HDV9366 | AS9366 | 64459 | W01-358-9366 | 1R12-487 | 1DK23H-9366 | AS-8488 TR | 10-99366 | E-FS9366 | 199366-CP |
| HDV9321 | AS9321 | 64715 | W01-358-9321 | 1R12-335 | 1DK23N-9321 | AS-8361 TR | — | — | 199321-CS |
| HDV8033 | AS8033 | 64569 | W01-358-8033 | 3B12-312 | — | AS-4508 TR | — | — | — |
| HDV9921 | AS9921 | 64402 | W01-358-9921 | 1R12-502 | 1DK23P-9921 | AS-8443 TR | 10-99921 | E-FS9921 | 199921-CP |
| HDV9373 | AS9373 | 64265 | W01-358-9373 | 1R12-403 | 1DK23M-9373 | AS-8519 TR | 10-99373 | E-FS9373 | 199373-CP |
| HDV9307 | AS9307 | 64439 | W01-358-9307 | 1R12-435 | 1DK23F-9307 | AS-8471 TR | — | — | 199307-CP |
| HDV9370 | AS9370 | 64383 | W01-358-9370 | 1R12-580 | 1DK23N-9370 | AS-8448 TR | 10-99370 | E-FS9370 | 199370-CP |
| HDV6902 | AS6902 | 64509 | W01-358-6902 | 2B9-239 | SP2B12R-6902 | AS-4310 TR | 10-96902 | E-FS6902 | DC 1966902 |
| HDV9640 | AS9640 | 64395 | W01-358-9640 | 1R12-367 | 1DK23H-9640 | AS-8427 TR | 10-99640 | E-FS9640 | 199640-CP |
| HDV7795 | AS7795 | 67705 | W01-358-7795 | 2B10-226 | SP2B12R-7795 | AS-4713 TR | 10-97795 | E-FS7795 | DC 197795 |
| HDV7555 | AS7555 | 64284 | W01-358-7555 | 2B12-440 | SP2B22RB-7555 | AS-4480 TR | 10-97555 | E-FS7555 | DC 197555 |
| HDV8944 | AS8944 | 64401 | W01-358-8944 | 1R12-366 | 1DK23P-8944 | AS-8436 TR | 10-98944 | E-FS8944 | 198944-CP |
| HDV6905 | AS6905 | 64510 | W01-358-6905 | 2B9-206 | SP2B12R-6905 | AS-4315 TR | 10-96905 | E-FS6905 | DC 1966905 |
| HDV9122 | AS9122 | 64273 | W01-358-9122**<br>W01-358-8792* | 1R14-045<br>1R13-038 | 1D28C-9122 | AS-8313 TR | 10-99122 | E-FS9122 | 199122-CP<br>199122-CS |

* Aluminum ** Plastic *** w/ Bracket

## SHOCK ABSORBERS†



| MONROE® PN | GABRIEL® PN | GENERAL APPLICATION | APPLICATION CROSS* |
|---|---|---|---|
| 65101 | 89408 | Class 7 & 8, Trailer | Paccar 680261 |
| 65102 | 85001 / 89410 | Class 7 & 8, Trailer | Ford F4 HT18080BA |
| 65103 | 85320 / 89429 | Class 7 & 8, Trailer | Ford E6 HT18080AA |
| 65110 | 85005 / 89430 | Class 7 & 8, Trailer | Freightliner 1614667000 |
| 65139 | 89449 / 85918 | Class 7 & 8, Trailer | Freightliner 1012703000 |
| 65147 | 85924 | Class 7 & 8, Trailer | International 3581106C1 |
| 65400 | 85033 / 89427 | Class 7 & 8, Trailer | Peterbilt 307423 |
| 65409 | 85003 / 89411 | Class 7 & 8, Trailer | International 1675455C1 |
| 65416 | 83203 / 85323 | Class 7 & 8, Trailer | Ridewell 1270563B000 |
| 65419 | 85911 / 89436 | Class 7 & 8, Trailer | Neway 90044162 |
| 65486 | 89448 | Class 7 & 8, Trailer | Mack 14QK2136M |
| 65490 | 89443 / 85724 | Steer Axle | Replaces 74425 Freightliner 1613957000 |
| 65492 | 85931 | Class 7 & 8, Trailer | International 3586883C1 |
| 65495 | 89451 | Class 7 & 8, Trailer | Kenworth C711002 |
| 66502 | 85052 | Class 4–6, Trailer | Bluebird 1526417 |
| 66608 | 83128 | Class 4–6, Trailer | Neway 90044162 |
| 66636 | 83204 | Class 4–6, Trailer | Neway 90044017 |
| 66884 | — | Class 4–6, Trailer | Mack 14QK410M |
| 66886 | 83207 / 89407 | Class 4–6, Trailer | Reyco 18163-01 |
| 66893 | 85000 | Class 4–6, Trailer | Volvo 3919913 |
| 66923 | — | Class 4–6, Trailer | International 472412C91 |

## SHOCK ABSORBERS† — POWER PRODUCTS



| POWER PRODUCTS PN | GENERAL APPLICATION | APPLICATION CROSS* | GABRIEL® CROSS |
|---|---|---|---|
| 85001P | Class 7 & 8, Trailer | Ford F4 HT18080BA | 85001 |
| 85918P | Class 7 & 8, Trailer | Freightliner 1012703000 | 85918 |
| 85724P | Steer Axle | Replaces 74425 Freightliner 1613957000 | 85724 |
| 85931P | Class 7 & 8, Trailer | International 3586883C1 | 85931 |
| 85000P | Class 4–6, Trailer | Volvo 3919913 | 85000 |

*All shocks have multiple applications.

**FOR ADDITIONAL COVERAGE AND AVAILABILITY, CALL PDC TODAY!**

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LEAF SPRINGS — TRAILER



| PN | APPLICATION | LEAVES | DESCRIPTION | PRIMARY OEM CROSS |
|---|---|---|---|---|
| TRA013 | Fruehauf | 1 | Trailer Spring Model F | UCD008315-001 |
| TRA015 | Fruehauf | 1 | Trailer Spring | UXA000178 |
| TRA017 | Fruehauf | 1 | Model F Taper | UCD009637-001 |
| TRA021 | Hutch | 1 | Low Arch Taper | 363-00 |
| TRA023 | Hutch | 1 | High Arch Taper | 360-00 |
| TRA026 | Hutchens | 1 | Trailer Spring Hut-43 | 7051-42 |
| TRA035 | Reyco | 1 | 21B, 21B-Fab | T7297 |
| TRA038 | Reyco | 1 | Medium Arch Taper | 15636-01 |
| TRA051 | Trailmobile | 1 | 3-1/2" Wide | 3-A3-56 |
| TRA1492 | Trailmobile | 3 | 3-1/2" Wide | 3-A3-62 |
| TRA2256 | Reyco 21b | 7 | Medium Arch | T3086 |
| TRA2260 | Binkley / Hutch | 8 | High Arch H.D. | 752-05 |
| TRA2270 | Reyco 21b | 8 | Medium Arch | T3564 |
| TRA2291 | Reyco 21b | 3 | Medium Arch | 08376-01 |
| TRA2297 | Reyco | 9 | Medium Arch | T7452 |
| TRA2493 | Dana Spicer | 8 | 55 Series | D22082/5507-8A |
| TRA2705 | Binkley / Hutch | 7 | High Arch | 751-05 |
| TRA2706 | Binkley / Hutch | 7 | Low Arch | 751-01 |
| TRA2726 | Hutch | 3 | High Arch | 354-00 |
| TRA2727 | Hutch | 3 | Medium Arch | 355-00 |
| TRA2727HD | Hutch | 3 | Heavy Duty Tra2727 | —— |
| TRA2728 | Hutch | 3 | Low Arch | 356-00 |
| TRA2732 | Binkley / Hutch | 8 | Low Arch HD | 752-01 |
| TRA2740 | Binkley / Hutch | 3 | High Arch | 365-00 |
| TRA2741 | Binkley / Hutch | 3 | Low Arch | 365-01 |
| TRA2750 | Hutch | 3 | Single Point Taper Spring | 12258-01 |
| TRA2752 | Binkley / Hutch | 2 | High Arch | 324-00 |
| TRA2753 | Binkley / Hutch | 2 | Medium Arch | 325-00 |
| TRA2754 | Binkley / Hutch | 2 | Low Arch | 326-00 |
| TRA2757 | Binkley / Hutch | 2 | Two Stage Easy Ride | 16710-01 |
| TRA3222 | Neway | 5 | Single Point Multileaf | 91557273 |
| TRA3309 | Reyco (transpro) | 8 | High Arch | 0178-01 |
| TRA3340 | Reyco (transpro) | 3 | High Arch | 0079-01 |
| TRA3341 | Reyco (transpro) | 3 | Low Arch | 0079-02 |
| TRA3403 | Silver Eagle | 8 | Trailer Suspension Reb/2/5 | 3539 |
| TRA693 | Fruehauf | 3 | High Arch | UCD000511-001 |
| TRA699 | Fruehauf | 4 | High Arch | UXB000201 |
| 75-210 | Kenworth / Peterbilt | 4 | 4 Pad / 2 Front Taper Spring | 02-02584 |
| 75-212 | Peterbilt | 3 | 3 Pad / 2 Front Taper Spring | 02-02177 |
| 75-232 | Peterbilt | 5 | Pad / 3/1/1 Front Taper Spring | HP48110-2860 |
| 83-115 | Reyco | 11 | 11/3 Pad Tandem 4 Spring | 09475-01 |
| 93-027 | Workhorse | 6 | Taper Spring 2/4PD | W007731 |
| 93-032 | Workshorse | Mult | Front Spring | W0012910 |
| 93-037 | Workshorse | Mult | Taper Spring | W0011788 |
| 96-1271 | Mack / Volvo | 1 | Rear 2-Spring | 8086653 |
| 96-1289 | Volvo | 13 | Rear Spring 9/PD/3 | 20396217 |
| 96-147 | Volvo | 14 | 11/3 Multi-Leaf Rear Spring | 35003-0036 |

## LEAF SPRINGS — TRACTOR (TRUCK)

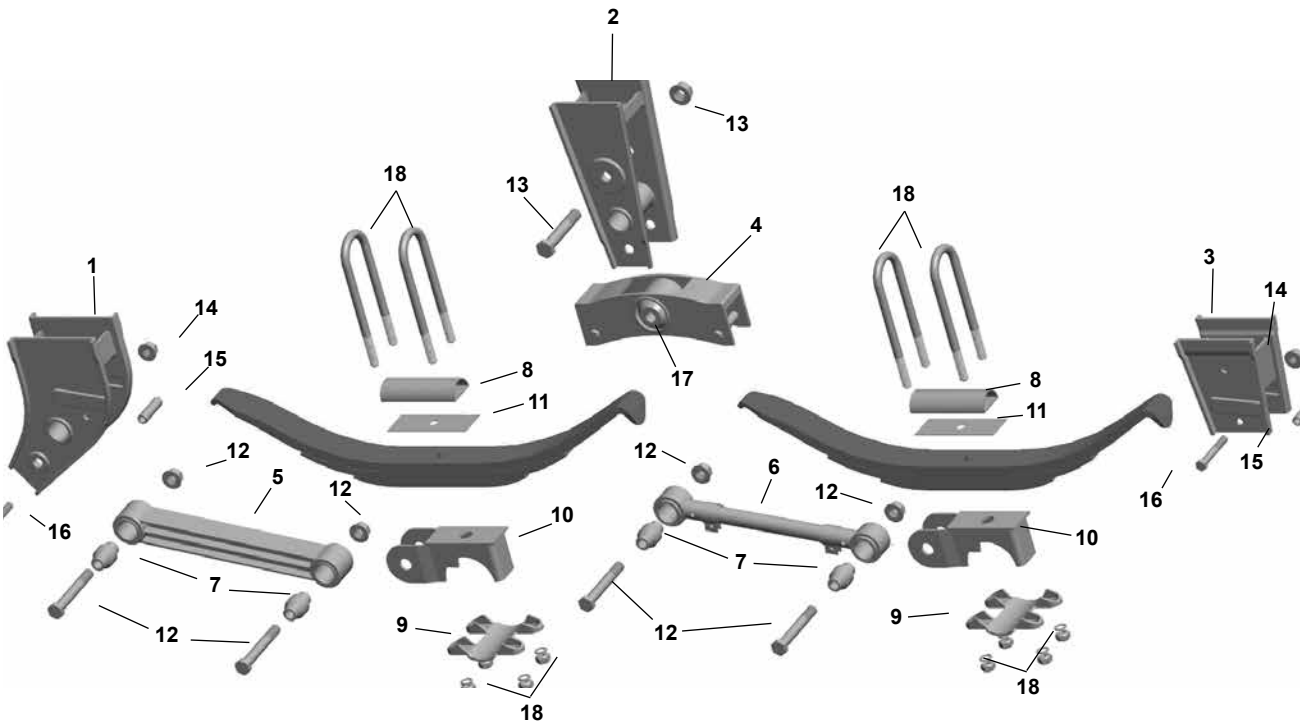




| PN | APPLICATION | LEAVES | DESCRIPTION | PRIMARY OEM CROSS |
|---|---|---|---|---|
| 22-292 | Chevrolet Truck | 7 | Front 2-1/2" Wide 5/2 | 3865743 |
| 16316-01 | Hutchens | 1 | Composite Spring | A3176S1033 |
| 21607-01 | Reyco | 1 | Composite Spring | A3176M1027 |
| 22-677 | Chevrolet Truck | 10 | Rear 3" Wide 4/3/3 | 2094053 |
| 43-1263HD | Ford Truck | 7 | Super Duty Rear | —— |
| 43-692 | Ford / Sterling | 2 | 2 / 4 Pad/Wedge Front Taper Spring | F6HT5310SA |
| 43-698 | Ford / Sterling | 9 | 9/Wedge Front Spring | F6HT5310CA |
| 46-1271 | Freightliner | 15 | Rear Spring 7/3/2PD/3 | A16-15989-000 |
| 46-1280 | Freightliner | 2 | 2 Pad / 2 Pad Front Taper Spring | A16-13412-001 |
| 46-1285 | Oshkosh / Freightliner | 6 | Rear Motorhome Chassis | A16-17175-000 |
| 46-1307 | Freightliner / Sterling / Western | 2 | Rear Air Ride - Left | A16-16415-000 |
| 46-1309 | Freightliner / Sterling / Western | 2 | Rear Air Ride - Right | A16-16415-001 |
| 46-1319 | Freightliner / Sterling | 7 | 3/4 Multi-Leaf Rear Spring | A16-16338-000 |
| 46-1379 | Freightliner | 6 | 3" Front Spring | 55-921 |
| 46-1406 | Freightliner | 2 | 2 Pad / 2 Pad Front Taper Spring | A16-14695-000 |
| 46-1430 | Lafran / Freightliner / Sterling | 2 | Front Spring | A16-14464-000-X |
| 46-1450 | Freightliner | 8 | Medium Duty 7/PD | A16-15987-000-X |
| 46-1458 | Freightliner | 6 | Rear Motorhome Comm'l Chassis | A16-16059-000-X |
| 46-167 | Freightliner / Sterling | 7 | Tandem 4 Spring | 6813201205 |
| 50-267 | Hendrickson / Ford / International | 10 | Rear | |
| 50-275 | Hendrickson | 13 | RT — Series | 45121 |
| 50-299 | Hendrickson | 12 | RT — Series | 45322 |
| 50-301 | Hendrickson | 12 | 12/Pad RT — Series | 47057 |
| 50-301HD | Hendrickson | 13 | Heavy Duty 50-301 | None |
| 50-389 | Hendrickson | 1 | Has-Z-Spring | 56946-000 |
| 55-029 | International | 14 | 10 / 2 Pad / 2 Multi-Leaf Rear Spring | 471292C91 |
| 55-031 | Navistar | 13 | Rear | 471287C91-X |
| 55-037 | International | 4 | Rear Helper Spring | 473725C91 |
| 55-041 | Navistar | 14 | Rear 9/3PD/2 | 482803C91-X |
| 55-043 | Navistar | 11 | S-Series 8/PD/2 | 471286C91-X |
| 55-067 | International | 1 | Navistar Air Ride Z-Spring | 501566C93 |
| 55-1174 | Navistar | 5 | Front Spring | 1688942C91-X |
| 55-1180 | International | 2 | Pad / 2 Pad Front Taper Spring | 1680499C91 |
| 55-1197 | Navistar | 13 | Rear Spring S-Series 7/4/2002 | 2027488C91-X |
| 55-1217 | International | 14 | 10 / 2 Pad / 2 Multi-Leaf Rear Spring | 3534537C91 |
| 55-1219 | International | 14 | 12 / 2 Multi-Leaf Rear Spring | 3534538C91 |
| 55-894 | Navistar | 8 | Front 6/2PD | 572355C91-X |
| 59-400 | Kenworth | 3 | Front Taper Spring | K223-1073 |
| 59-408 | Kenworth | 4 | Front Taper Spring | K223-1125 |
| 62-1287 | Mack | 9 | Camel Back Rear Spring | 4QK4108M |
| 62-143 | Mack | 11 | Camel Back Rear Spring | 4QK4004A |
| 62-155 | Mack | 10 | Camel Back Rear Spring | 4QK4003A |
| 62-199 | Mack | 9 | Multi-Leaf Rear Spring — Berlin Eye | 4QK3343 |
| 62-235 | Mack | 11 | Multi-Leaf Rear Spring — Berlin Eye | 4QK3344 |
| 62-968 | Mack | 4 | Full Taper Front Spring PD/3 | 2QK3435M-X |
| 75-125 | Peterbilt | 2 | Rear Air Trac | 03-02432 |
| 75-163 | Peterbilt | 2 | Low Air Leaf Z-Spring | 03-07640 |

## SP900 DURALITE

**Fits 5" Round Axles Trailer (Overslung shown)**




COMPLETE SUSPENSION KITS ARE ALSO AVAILABLE. CONTACT YOUR PDC SALES REP FOR MORE INFORMATION.

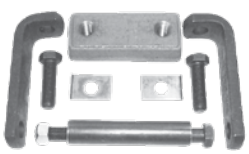
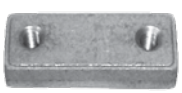
## SP900 DURALITE, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | QTY PER TANDEM | OEM CROSS |
|---|---|---|---|---|
| 1 | 5-1808 | Hanger, Front, Straddle Mount | 2 | SP0100 |
| 1 | 5-1811 | Hanger, Front, Under Mount | 2 | SP0162 |
| 2 | 5-1809 | Hanger, Equalizer, Straddle Mount | 2 | SP0110 |
| 2 | 5-1812 | Hanger Equalizer, Under Mount | 2 | SP0161 |
| 3 | 5-1810 | Hanger, Rear, Straddle Mount | 2 | SP0120 |
| 3 | 5-1813 | Hanger, Rear, Under Mount | 2 | SP0160 |
| 4 | 5-1800 | Equalizer With Bushing | 2 | SP0131 |
| 5 | 5-1806 | Rigid Torque Arm with Bushing, C to C = 19-1/4" — Includes (2) 55-129 Bushings | 2 | SP0143 |
| 6 | 55-140 | Adjustable Torque Arm with Bushing, C to C = 18-1/4" to 21-1/2" — Includes (2) 55-129 Bushings | 2 | SP0123 |
| 7 | 55-129 | Torque Arm Bushing; OD = 1 29/32", ID = 7/8", L = 3" | 8 | XB-SP0054-02 |
| 8 | 25-715 | Fabricated Top Plate; W = 3", L = 7-1/2" | 4 | SP0136 |
| 9 | 25-718 | Fabricated Bottom Plate; 5" Round Axle | 4 | SP0099 |
| 10 | 5-1814 | Spring Seat; 3/4" Seat Height | 4 | SP0142-01 |
| 10 | 5-1815 | Spring Seat; 1-1/4" Seat Height | 4 | SP0142-02 |
| 10 | 5-1816 | Spring Seat; 1-3/4" Seat Height | 4 | SP0142-03 |
| 11 | 25-716 | Delrin Liner; W = 2-7/8", L = 8" | 4 | SP0049 |
| 12 | 5-1803 | Torque Arm Bolt Assembly, Includes Keys Nos.12 — 7/8" — 14TPI × 4-3/4 | 2 | |
| 13 | 5-1802 | Equalizer Bolt Assembly, Includes Keys Nos.13 — 1" — 14TPI × 6 | 8 | |
| 14 | 90-12721 | Lock Nut; 5/8" – 18TPI, Hex = 15/16", H = 17/32" | 8 | XB-SP0012-10 |
| 15 | 25-723 | Spring Roller Sleeve; OD = 7/8", ID = 21/32", L = 3-7/32" | 8 | XB-SP0050-71 |
| 16 | 90-12722 | Bolt; 5/8" – 18TPI, L = 4-1/2" | 8 | SP0145 |
| 17 | 5-1801 | Equalizer Bushing | 2 | XB-SP0054-05 |
| 18 | 80-34310 | 10" L — U-Bolt | 8 | SP0075-01 |
| 18 | 80-34312 | 12" L — U-Bolt | 8 | |
| 18 | 80-34314 | 14" L — U-Bolt | 8 | SP0075-08 |

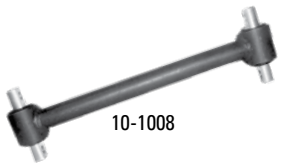
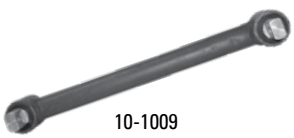
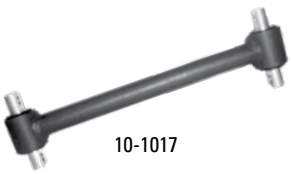
## EQUALIZERS & BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  10-1000 | 10-1000 | Uses 10-1019 Bushing Assembly, ID = 2-3/4", C to C = 13-1/2", Inside Width = 3-7/16" | 681-325-0127 | FH36-40 |
| 10-1001  | 10-1001 | Equalizer, Cast Aluminum, Hole = 2-3/4", use with 10-1046 Hardware Kit | 16-10175-0 | FH34 |
|  10-1013 | 10-1013 | Bushing Assembly — Kit includes (1) 10-1014 Shaft, (2) 10-1015 Bushings, (2) 90-12001 Washers, (1) 90-12002 Nut, (1) 90-12004 Washer, (1) 90-12005 Bolt, (1) 90-12023 Washer | | FR34 |
| 10-1019  | 10-1019 | Bushing Assembly — Kit includes (2) 10-1007 Bushings, (2) 90-12001, Washers, (1) 90-12002 Nut, (1) 10-1020 Tube, (1) 90-12003 Bolt, (1) 90-12004 Washer, (1) 10-1024 Plate | A16-12591-000 | FH34A |

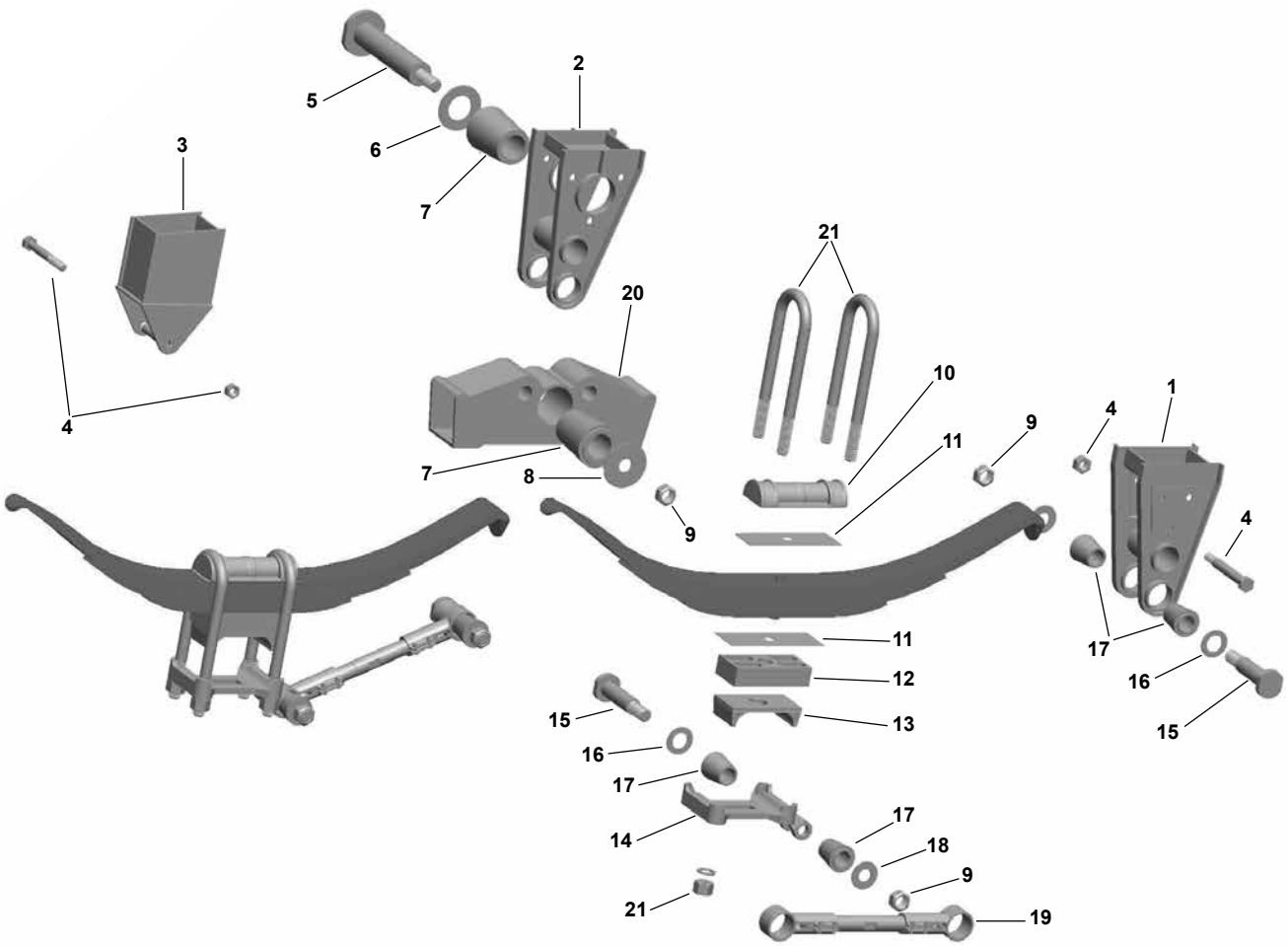
## HARDWARE

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  10-1032 | 10-1032 | Front Hanger Wear Pad; Right Side Hole = 1-3/16", 2-1/8" H, 3-5/16" W | 681-325-2209 | FAS Air Ride |
| | 10-1033 | Front Hanger Wear Pad; Left Side Hole = 1-3/16", 2-1/8" H, 3-5/16" W | 681-325-2109 | FAS Air Ride |
| 10-1046  | 10-1046 | Equalizer Bracket/Wear Pad — Kit includes (1) 10-1047 Wear Pad, (2) 10-1048 Brackets, (1) 10-1049 Spacer, (2) 10-1051 Tab Locks, (2) 90-12058 Bolts | 16-09938-000 | FH34 |
|  10-1047 | 10-1047 | Equalizer Wear Pad, FH34 Suspension | 16-09895-000 | FH34 |
|  90-12003 | 90-12003 | Equalizer Bolt; 3/4", 16TPI × 9" | 23-09447-900 | |
| | 90-12005 | Equalizer Bolt; 3/4", 16TPI × 8-1/2" | 23-10757-900 | |
|  10-1021 | 10-1021 | Rear Shackle Hanger | A16-12358-000 | FLD112 |

## TORQUE ARMS & BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  10-1008 | 10-1008 | Rigid w/ Bushing, C to C = 18-3/16", OD = 1-9/16" | B16-10420-001 | FR34A / 44A |
|  10-1009 | 10-1009 | Rigid w/ Bushing, C to C = 16 5/8", OD = 1-9/16" | 16-13053-000 | FR34 |
|  10-1017 | 10-1017 | Rigid w/ Bushing, C to C = 23-15/16" | 681-326-6716 | FAS Air Ride |
|  10-1002 | 10-1012 | Rigid w/ Bushing, C to C = 23" | 681-326-6316 | FAS Air Ride |
| | 10-1002 | Torque Arm Bushing (Poly) | 16-11351 | FR34 |
|  10-1011 | 10-1011 | Torque Arm Bushing Assembly, Includes (2) 10-1002 Bushings, (1) 10-1018 Pin, (1) 90-12006 Washer, (1) 90-12007 Nut, (1) 10-1027 Lock Tab | | FR34 |
|  10-1010 | 10-1010 | Spring Eye Bushing, OD = 2-1/2", Hole Dia = 3/4", C to C = 5-21/32", L = 7-1/2", Thk = 29/32" | 681-325-0150 | FAS Air Ride |
|  10-1058 | 10-1058 | Torque Leaf Bushing, OD = 1-3/4", C to C = 5-3/8", Hole Dia = 5/8" | HRIHBU5-41 IPC-236900 | Air Liner 1 |

## F-2 STANDARD TRAILER




COMPLETE SUSPENSION KITS ARE ALSO AVAILABLE. CONTACT YOUR PDC SALES REP FOR MORE INFORMATION.

## F-2 STANDARD TRAILER, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM | OEM CROSS |
|---|---|---|---|---|
| 1 | 15-1231 | Hanger, Front, Under Mount | 2 | UCF-002467-001 |
| 2 | 15-1232 | Hanger, Center, Under Mount | 2 | UXA-000034 |
| 3 | 15-1233 | Hanger, Rear, Under Mount | 2 | UCF-002470-001 |
| 4 | 15-1235 | Nut and Bolt Assembly 5/8" — 18TPI × 5-1/4" L | 2 | |
| 5 | 15-1204 | Equalizer Bolt; OD = 2", L = 10-9/16", 1" — 14TPI | 2 | UXA-000015-001 |
| 6 | 90-12060 | Washer | 2 | UXA-000356-002 |
| 7 | 15-1203 | Equalizer Bushing; OD = 3-1/2", ID = 2", L = 4-3/8" | 4 | UXA-000004 |
| 8 | 90-12059 | Compression Washer; OD = 4", ID = 1-1/16"× 1/4" | 2 | UXA-000003 |
| 9 | 90-12743 | Lock Nut; 1" – 14TPI | 10 | FSP-006-02-PK9 |
| 10 | 15-1229 | Top Plate; Single-Leaf Springs Only | 4 | UCC-005998-001 |
| 10 | 15-1228 | Top Plate; Multi-Leaf Springs Only | 4 | UCE-008801-001 |
| 11 | 25-716 | Delrin Liner; W = 2-7/8", L = 8" | 8 | UCE-006632-002 |
| 12 | 15-1234 | Spring Spacer; Thk = 1-1/2" | 4 | UXA-000048 |
| 13 | 15-1224 | Spring Seat, Cast; 5" Square Axles | 4 | AXA-000512-001 |
| 14 | 15-1230 | Axle Bracket, Cast; 5" Square Axles | 4 | AXA-000495-001 |
| 15 | 15-1220 | Torque Arm Bolt; 1" – 14TPI; L = 6" | 8 | UXA-000016 |
| 16 | 90-12747 | Washer; OD = 2-1/2", ID = 1-5/16", Thk = 1/16" | 8 | UXA-000356-001 |
| 17 | 25-750 | Tapered Torque Arm Bushing; OD = 2-3/16", ID = 1-1/4", L = 2-3/8" | 16 | UXA-000011 |
| 18 | 90-12066 | Compression Washer | 8 | UXA-000002 |
| 19 | 15-1214 | Adjustable Torque Arm; C to C = 14-3/4" to 16 3/8", use w/ 15-1217 Bushing Kit | 2 | UCF-002640-001 |
| 19 | 15-1216 | Rigid Torque Arm; C to C = 15-7/16", use with 15-1217 Bushing Kit | 2 | UXA-000026-001 |
| 20 | 15-1200 | Equalizer, Cast; L = 17-1/2", use with 15-1203 Bushing | 2 | UXA-000017 |
| 20 | 15-1201 | Equalizer, Fabricated; L = 17", use with 15-1202/1202PU Bushing Assembly | 2 | UCF-001463-001 |
| 20 | 15-1205 | Equalizer, Cast; L = 16-3/8", use with 15-1202/1202PU Bushing Assembly | 2 | UCF-006963-001 |
| 20 | 15-1210 | Equalizer with Bushing, Cast; L = 16-3/8", includes 15-1209 Bushing | 2 | UCF-008317-001 |
| 21 | 80-78310 | U-Bolt | 8 | UCF-000046-915 |
| 21 | 80-78312 | U-Bolt | 8 | UCF-000046-916 |
| 21 | 80-78316 | U-Bolt | 8 | UCF-000046-917 |
| 21 | 80-78318 | U-Bolt | 8 | UCF-000046-918 |
| | 15-1217 | Torque Arm Bushing Assembly, includes Nos. 9,15,16,17,18 | 8 | UXA-000011-900 |
| | 15-1202 | Equalizer Bushing Assembly, includes Nos. 5,6,7,8,9 | 2 | UXA-000004-900 |

## PIVOT BOLT KITS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  22-900 | 22-900 | Wide Bushing | S-24679 |
|  22-901 | 22-901 | Narrow Bushing | S-24705 |
|  22-902 | 22-902 | Welded Alignment, Wide Bushing | S-3646 |

## PIVOT BOLT KITS w/ BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  22-903 | 22-903 | Wide Bushing — White 7"×2-3/8"×3/8" | S-24691 |
|  22-904 | 22-904 | Narrow Bushing — Gray 7"×2-3/8"×3/32" | S-26321 |
|  22-905 | 22-905 | Welded Alignment, Wide Bushing White — 7"×2-3/8"×3/8" | S-6914 |

## PIVOT CONNECTION HARDWARE

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  22-906 | 22-906 | Alignment Washer (Inner) | S-20924 |
| | 22-907 | Alignment Washer (Outer) | S-20925 |
|  22-907  22-908 | 22-908 | Bushing Wear Pad, Wide Pivot Connection 7"×2-3/8"×3/8" | S-21099 |
| | 22-909 | Bushing Wear Pad, Narrow Pivot Connection 7"×2-5/16"×3/16" | S-26807 |
|  22-909  22-910 | 22-910 | Alignment Collar | S-2770 |

## AIR SPRING BOLT KITS & SPACERS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  22-911 | 22-911 | Kit — 1-1/8" Thick Spacer | S-22630/2 |
| | 22-912 | Kit — 1-7/8" Thick Spacer | S-22631/2 |
| | 22-913 | Kit — 3-1/8" Thick Spacer | S-22632/2 |
| | 22-914 | Kit — 1-1/8" No Spacer | S-22619/2 |
| | 22-915 | Kit — 3/4" Thick Spacer | S-22635/2 |
| | 22-916 | Kit — 1" Air Spring Spacer | S-22908/2 |
| | 22-917 | Kit — 2" Air Spring Spacer | S-22909/2 |
|  22-918 | 22-918 | Air Spring Spacer — 1-1/8" | B-22510-1 |
| | 22-919 | Air Spring Spacer — 1-7/8" | B-22510-2 |
| | 22-920 | Air Spring Spacer — 3-1/8" | B-22510-3 |
| | 22-921 | Air Spring Spacer — 3/4" | B-22510-4 |

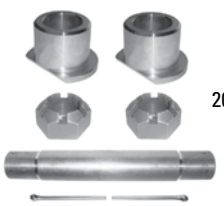
## TOOLS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  22-922 | 22-922 | Bushing Tool —Wide Bushing | S-21307 |
|  22-923 | 22-923 | E-20 Socket — 1" Drive | S-24536 |
|  22-924 | 22-924 | Bushing Tool — Narrow Bushing | S-24736 |

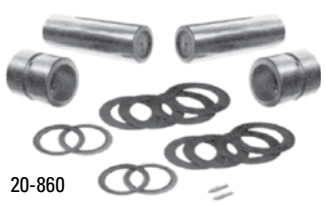
## END BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-809 | 20-809 | R340; OD = 4-3/8", ID = 2-1/2", L = 5-1/4" | 06969-000L | 340 Series |
| | 20-810 | R460; OD = 4-3/8", ID = 2-1/2", L = 5-3/4" | 45900-000L | 400, 460 Series |
| | 20-813 | R650; OD = 6", ID = 3", L = 6" | 10363-000L | RT/RS650 Series |

## BEAM END ADAPTER ASSEMBLIES

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-800 | 20-800 | R440 Adapter Assembly, Use w/ 20-810 | 45000-007L | 340, 380, 400, 440, 460 Series |
|  20-801 | 20-801 | R520 Adapter Assembly, Use w/ 20-810 and 20-811 | 21140-034L | 340, 380, 400, 440, 460 Series |
|  20-802 | 20-802 | R340 Adapter Assembly, Use w/ 20-809 | 45000-013L | 340 Series |
|  20-804 | 20-804 | R440 Adapter Assembly Split Ring, Use w/ 20-812 | 45000-008L | 400, 440, 460, 480 Series |
|  20-806 | 20-806 | R650 Adapter Assembly 1-7/8" 12TPI, OD = 2", L = 12-3/4" Use w/ 20-813 | 21140-007 | RS-RT 500, 650 Series |

## CENTER BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-819 | 20-816 | R340, Welded Plug; Small OD = 2-3/4", Large OD = 3-5/8", L = 12" | 06664-000L | R340 Series |
|  20-817 | 20-819 | R340, Loose Plugs Included; Small OD = 2-3/4", Large OD = 3-5/8", L = 12" | 22279-000L | 340 Series |
|  20-820HC | 20-817 | R380, Welded Plug; Small OD = 3-1/2", Large OD = 4-3/4", L = 12" | 05919-000L | 380/400/440/460 Series |
| | 20-820 | R380, Loose Plug; Small OD = 3-1/2", Large OD = 4-3/4", L = 12" | 22282-000L | 380/400 Series |
|  20-818 | 20-817HC | R400 | 49400-000L | — |
| | 20-820HC | R400, Loose Plugs Included; Small OD = 3-1/2", Large OD = 4-3/4", L = 12" | 49600-000L | 400/460 Series |
|  20-841 | 20-818 | R650, Welded Plug; Small OD = 4", Large OD = 5-1/2", L = 14-5/8" | 10366-000L | RT/RS 650 Series |
| | 20-841 | E4; OD = 2-3/4", ID = 1", L = 4-5/8" | 47420-000 | E4-360 / HFS360 |
|  20-860 | 20-860 | R520 Bronze — Kit includes (2) 20-887 Bushings, (2) 20-895 Sleeve, (4) 20-898 Seals, (8) 90-12081 Washers, (2) 90-12155 Fittings | 30437-000L | 400 Series |

## LOAD CUSHION

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-823  20-826 | 20-823 | Center | 24209-000 | RS Series |
| | 20-826 | RS Series L = 12", W = 6-3/4", H = 4" | 26953-000L | RS400 Series |

## ADAPTER KITS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-846 | 20-846 | 340 Kit — Includes (1) 20-802 Adapter Assembly and (1) 20-809 End Bushing | 34013-048L | 340 Series |
| | 20-835 | 440 Kit — Includes (1) 20-800 Adapter Assembly and (1) 20-810 Bushing | 34013-049L | 340/400/460 Series |

## SPRING EYE BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-866 | 20-866 | Kit — OD = 1-1/2", ID = 1-1/4", L = 3-15/16" | 30057-007L | RT/RU 340 |
| | 20-867 | Kit — OD = 1-5/8", ID = 1-3/8", L = 3-15/16" | 30057-008L | RT 400 |

## SADDLE ASSEMBLY

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
| | 20-870 | 6" Height | 31017-096L | 460/463 |
| | 20-921 | 6" Height | 31017-053 | 523, RT Only |
| | 20-922 | 7-3/16" Height | 31017-110L | 460/463 |

## BOLSTER SPRING KITS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS |
|---|---|---|---|
|  | 20-917 | HMX | 64179-002 |
| | 20-918 | HMX 460 Tie Bar Bolster Kit | 64179-037 |
| | 20-913 | HN 522 Bolster Spring, 1 Pair, 2 Piece | 60879-000L |
| | 20-915 | HMX/HN Auxillary Spring | 60314-000 |

## TORQUE ROD BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  | 20-914 | Torque Rod Bushing | 69210-000H | — |
| | 20-831 | Tapered Stud Cartridge — 1-1/4" – 12TPI, OD = 2-3/4", Stud Shoulder = 3" | 44697-000L | 400/460 Series |
|  | 20-832 | Straddle Mount Cartridge — OD = 2-17/32", Hole Dia = 5/8", C to C = 4-3/8" | 44694-000L | 340 Series |
| | 20-833 | Straddle Mount Cartridge — OD = 2-3/4", Hole Dia = 5/8", C to C = 4-3/8" | 44695-000L | 400/460 Series |
|  | 20-851 | Straddle Mount Cartridge — OD = 2-3/4", Hole Dia = 3/4", C to C = 4-3/8" | 49210-000 | 400/460 Series |
| | 20-920 | Straddle Mount Cartridge — OD = 2-3/4", Hole Dia = 5/8", C to C = 4-3/8" | 57256-000 | 400/460 Series |
|  | 20-919 | Straddle Mount Cartridge — OD = 2", C to C = 4-3/8" | 48304-000 | 400/460 Series |
| | 20-836 | Straddle Mount Cartridge OD = 2", C to C = 4-3/8" | 47691-000L | 4 Spring Suspension |
|  | 20-850 | Hollow Sleeve Cartridge OD = 3", ID = 1-1/8", L = 3-1/4" | 45477-000L | Navistar |
| | 20-912 | Ultra Rods | 64697-000H | 400/460 Series |
|  | | | | |

## HARDWARE

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-871 | 20-871 | Cross Tube — 44.88" | 44643-009L | — |
|  20-872 | 20-872 | Saddle Cap Stud 7/8" — 14TPI, L = 4-3/16" | 06696-000 | 380/440 Series |
|  20-880 | 20-880 | RT Top Pad | 35064-000 RT | 400 Series |
|  20-884 | 20-884 | Hanger Pin Washer OD = 3-1/4", ID = 1-1/2", Thick = 3/16" | 08536-000 RS/AR | 400 Series |
|  20-893 | 20-893 | 440 Spring Hardware Kit — Includes (1) 20-864 Spring Pin, (1) 20-867 Bushing, (1) 20-868 Lock Pin Assembly, (1) 20-9040 Spacer, (1) 90-12055 Bolt, (1) Lock Washer, and (1) Nut | 34013-059L | — |
|  20-12083 | 90-12083 | Nylock Nut 1-1/2" — 12TPI, Hex = 2-3/16", H = 13/16" | 25151-000 | 340/520 Series |
| | 90-12749 | Insulator Box Lock Nut 7/8" — 14TPI, Hex = 1-5/16", H = 27/32" | 29248-000 | E-1835 |
|  20-901 | 20-901 | Spherical Washer | 48574-000 | — |
|  20-903 | 20-902 | Top Pad Bolt 1"×8.75" | 30550-001 | — |
| | 20-903 | Top Pad Bolt 1"×9" | 30550-002 | — |
| | 20-904 | Top Pad Bolt 1"×9.25" | 30550-003 | — |
| | 20-905 | Top Pad Bolt 1"×9.5" | 30550-004 | — |
| | 20-906 | Top Pad Bolt 1"×9.75" | 30550-005 | — |
| | 20-907 | Top Pad Bolt 1"×10" | 30550-006 | — |
| | 20-908 | Top Pad Bolt 1"×10.25" | 30550-007 | — |
| | 20-909 | Top Pad Bolt 1"×10.50" | 30550-008 | — |
| | 20-910 | Top Pad Bolt 1"×10.75" | 30550-009 | — |
| | 20-911 | Top Pad Bolt 1"×11" | 30550-010 | |

## HARDWARE, continued

| | POWER PRODUCTS PN | DESCRIPTION | HENDRICKSON CROSS | MODEL |
|---|---|---|---|---|
|  20-822 | 20-822 | End Plug — OD = 2-7/16", Thick = 3/16", Used in 20-820 | 22281-000 | Various Suspensions |
| 20-842  | 20-842 | Vertical Drive Bushing OD = 4-1/8", ID = 2", L = 4" | 19279-000L | Rs340/520 Series |
|  20-857 | 20-857 | Bolt Retainer, E4; C to C = 5" | 47459-000 | E4 340/380/360/400 Series |
|  20-861 | 20-861 | Bar Pin Bushing Assembly Non-Shim Type Kit — Includes Bushing and Mounting Hardware | 34013-087L | Various Suspensions |
|  20-859 | 20-859 | Bar Pin Bushing Assembly Shim Type Kit — Includes Bushing, Shims and Mounting Hardware | 34013-088L | Various Suspensions |
|  20-865 | 20-865 | Spring Eye Pin OD = 1-3/8", L = 6-7/8" | 43146-000L | 340/400/460 Series |
|  20-868 | 20-868 | Spring Eye Drawkey Kit — Includes Pin, Lock Nut and Washer | 00062-001L | RT 400; RU 340 |
|  20-869 | 20-869 | Rebound Bolt Assembly Kit — Includes Bolt, Roller and Nut | 29828-023 | RT/RTE Series |
| 20-923  | 20-923 | Torque Rod Bracket | 22186-000 | — |

## H-900 SINGLE POINT TRAILER

### HUTCH SUSPENSIONS

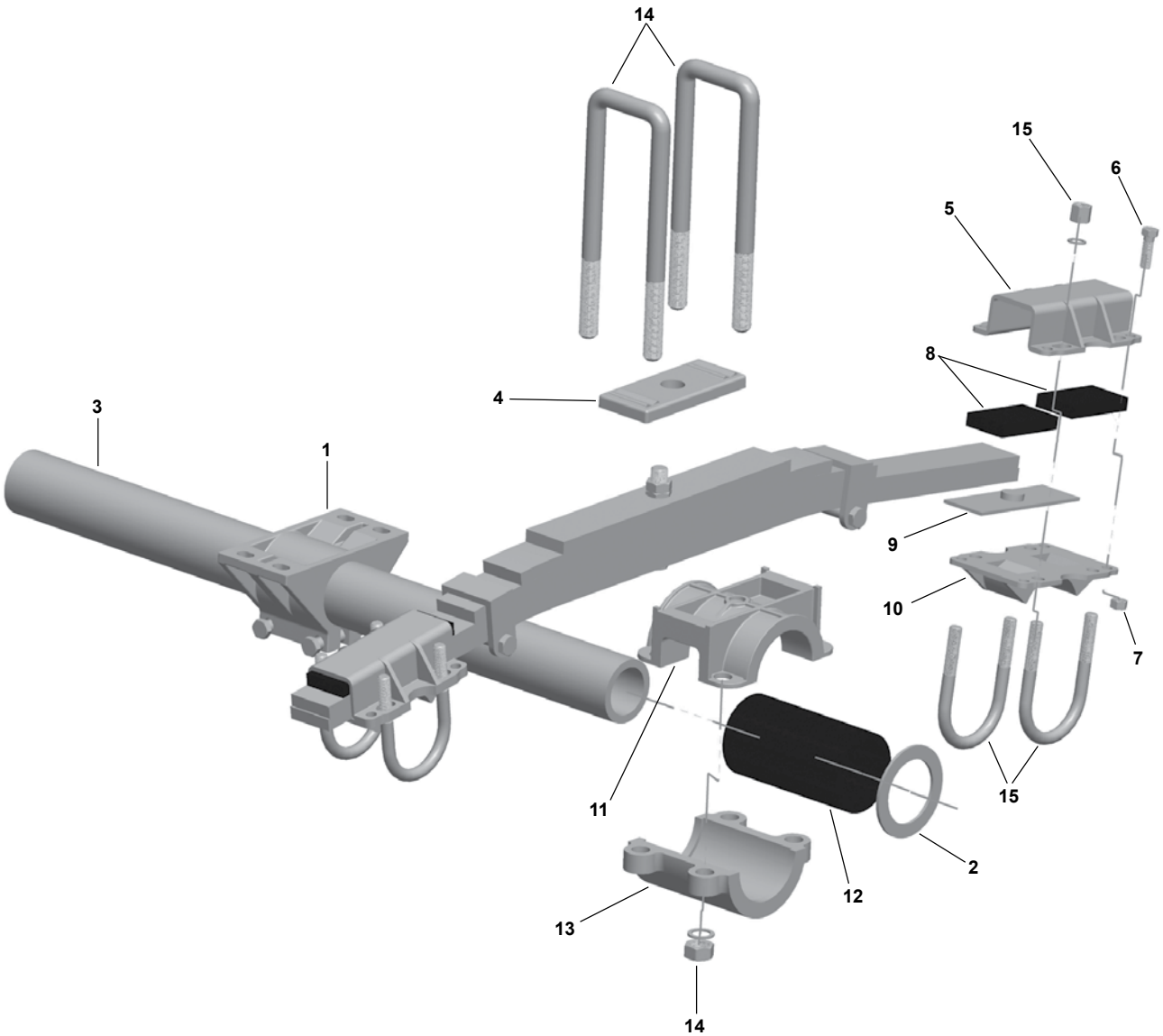
**For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch part number (PN)**



Look for the Hutch mark stamped on every Hutch component (hangers, equalizers, torgue rods, spring seats, bottom plates and top plates)

**COMPLETE SUSPENSION KITS ARE ALSO AVAILABLE. CONTACT YOUR PDC SALES REP FOR MORE INFORMATION.**

Underslung available through special order.



## H-900 SINGLE POINT TRAILER, continued

⚑ For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch PN column

Hutchens Industries

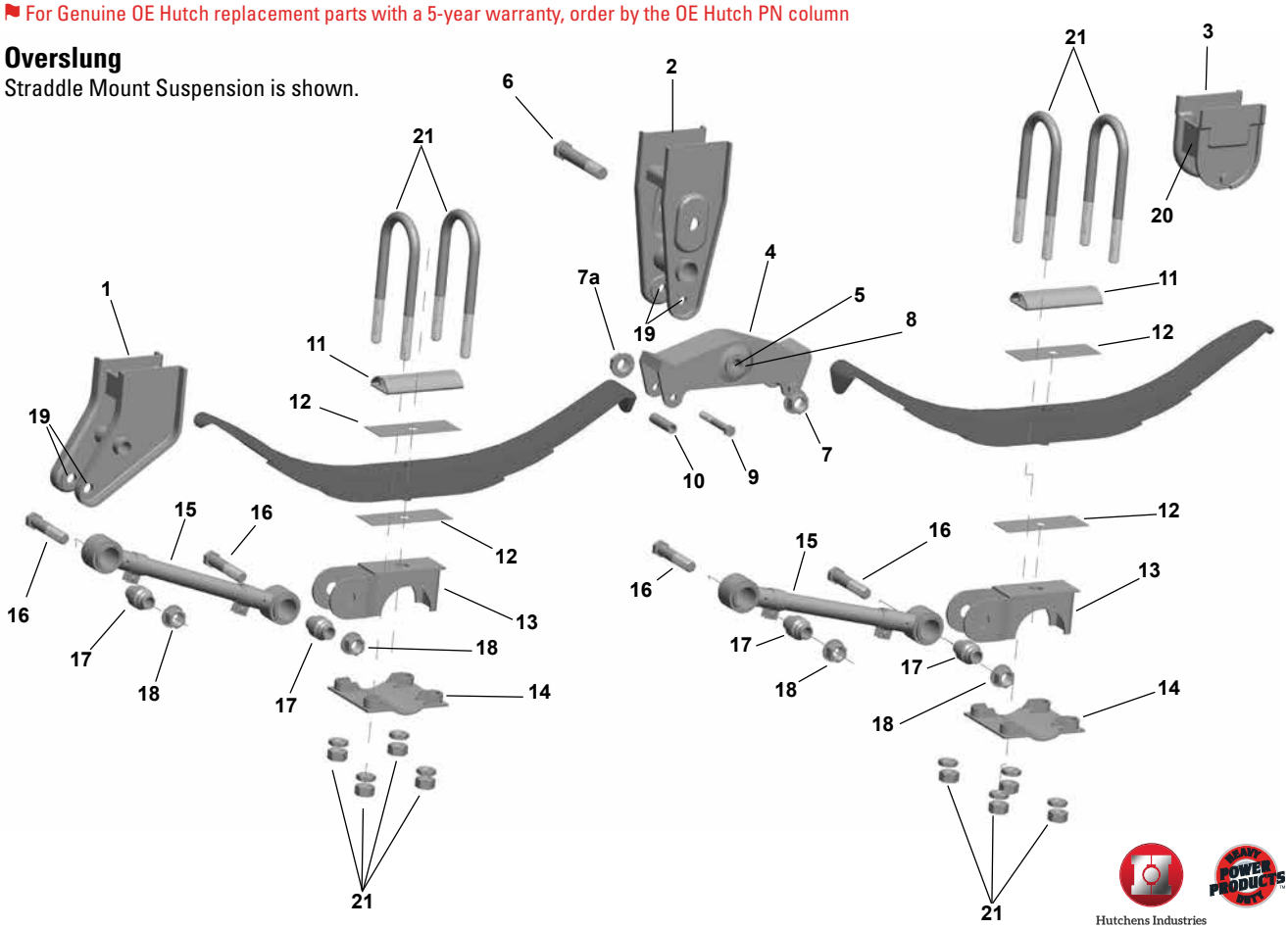
| KEY | OE HUTCH PN ⚑ | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 850-01 | 25-841 | Trunnion Hanger; Seat Height = 2-1/2" | 2 |
| 1 | 10476-03 | 25-842 | Trunnion Hanger; Seat Height = 4-1/2" | 2 |
| 1 | 849-01 | 25-843 | Trunnion Hanger; Seat Height = 6-1/2" | 2 |
| 1 | 897-01 | 25-844 | Trunnion Hanger; Seat Height = 8-1/2" | 2 |
| 2 | 895-00 | 25-845 | Trunnion Washer 4" ID×5-3/4" OD×3/16"<br>Trunnion Hanger 4-1/2", 6-1/2", 8-1/2" | 2 |
| 2 | 20936-01 | 25-845 | Trunnion Washer 4" ID×5-3/4" OD×3/16"<br>Trunnion Hanger Flat Edge 2-1/2" | 2 |
| 3 | 893-01 | 25-863 | Trunnion Lube 1/2" — Wall 48"L, 36–44K | 1 |
| 3 | 893-02 | 25-854 | Trunnion Lube 3/4" — Wall 48"L, 50–70K | 1 |
| 4 | 9640-00 | 25-847 | Top Plate, Cast, Square U-Bolt | 2 |
| 5 | 10049-00 | 25-855 | Spring End Cap, 2 Main Leaf for O/S – Azle | 4 |
| 5 | 9937-00 | 25-830 | Spring End Pad, 3 Main Leaf for O/S – Azle | 4 |
| 5 | 10050-02 | 25-856 | Spring End Cap, 2 Main Leaf for U/S – Azle | 4 |
| 5 | 9941-02 | 25-832 | Spring End Cap, 3 Main Leaf for U/S – Azle | 4 |
| 6 | 9293-00 | 25-857 | Hex Bolt; 5/8" — 18 UNF x 2, Grade 5 | 16 |
| 7 | 11513-03 | 90-12025 | Hex Lock Nut; 5/8" — 18 UNF | 16 |
| 8 | 814-00 | 25-755 | Rubber Spring End Pad; W = 2-7/8", L = 5", H = 7/8" | 8 |
| 9 | 10608-00 | 25-782 | Alignment Adjustment Plate | 4 |
| 10 | 9934-02 | 25-846 | Spring Seat 5" Round Axle Overslung | 4 |
| 10 | 9938-00 | 25-858 | Spring Seat; 5" Round Axle Underslung | 4 |
| 10 | 9935-02 | 25-859 | Spring Seat; 5"×5" Square Axle Overslung | 4 |
| 11 | 891-00 | 25-833 | Trunnion, Upper Hub Overslung and Lower for Underslung | 2 |
| 12 | 890-00 | 25-828 | Trunnion Bushing — Rubber | 2 |
| 12 | 23276-01 | — | Trunnion Bushing — Free Oscillating | 2 |
| 13 | 898-00 | 25-834 | Trunnion Lower Hub Overslung Trunnion Hub Lower Half | 2 |
| 13 | 892-00 | 25-860 | Trunnion Lower Hub Under Slung Trunnion Hub Lower Half | 2 |
| 14 | | 80-18513 | U-Bolts | 4 |
| 14 | | 80-18515 | U-Bolts | 4 |
| 15 | | 80-34507 | U-Bolts | 8 |
| 15 | | 80-10510 | U-Bolts | 8 |
| 15 | | 80-34508 | U-Bolts | 8 |

## H-9600 / H-9700/CH-9700 (CAST) & H-7600 / H-7700/CH-7700 (CAST) SERIES TRAILER

⚑ For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch PN column

### Overslung

Straddle Mount Suspension is shown.




| KEY | OE HUTCH PN ⚑ | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 16291-03 | 25-848 | Hanger, Front, LH, Cast Under Mount / Side Mount | 2 |
| 1 | 16291-04 | 25-849 | Hanger, Front, RH, Cast, Under Mount / Side Mount | 2 |
| 1 | 7701-07 | 25-836 | Hanger, Front, LH-Flange Mount Bolt On | 2 |
| 1 | 7701-08 | 25-837 | Hanger, Front, RH-Flange Mount Bolt On | 2 |
| 1 | 7701-01 | 25-709 | Hanger, Front, Straddle Mount for 7700 / 9700 Series | 2 |
| 1 | 7601-01 | 25-787 | Hanger, Front, Straddle Mount for 7600 / 9600 Series | 2 |
| 1 | 20728-01 | 25-711 | Hanger, Front, Under Mount H-9700 Series | 2 |
| 1 | 20725-01 | 25-790 | Hanger, Front, Under Mount Mount H-9600 Series | 2 |
| 2 | 7702-05 | 25-838 | Hanger, Center, Flange Mount Bolt On H-7700 Double Bolt | 2 |
| 2 | 7702-01 | 25-707 | Hanger, Center, Straddle Mount H-7700 Double Bolt | 2 |
| 2 | 16169-01 | 25-793 | Hanger, Center, Straddle Mount H-9700 Single Bolt | 2 |
| 2 | 7602-01 | 25-788 | Hanger, Center, Straddle Mount H-7600 Double Bolt | 2 |
| 2 | 16187-01 | 25-789 | Hanger, Center, Straddle Mount H-9600 Single Bolt | 2 |
| 2 | 7702-02 | 25-712 | Hanger, Center, Under Mount H-7700 Double Bolt Equalizer | 2 |
| 2 | 16171-01 | 25-794 | Hanger, Center, Under Mount H-9700 Single Bolt Equalizer | 2 |
| 2 | 7602-02 | 25-791 | Hanger, Center, Under Mount H-7600 Double Bolt | 2 |
| 2 | 16188-01 | 25-792 | Hanger, Center-Under Mount H-9600 Single Bolt | 2 |
| 2 | 16197-03 | 25-852 | Hanger, Center, Cast Under Mount / Side Mount H-9700 Single Bolt | 2 |

## H-9600 / H-9700/CH-9700 (CAST) & H-7600 / H-7700/CH-7700 (CAST) SERIES TRAILER

Hutchens Industries

⚑ For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch PN column

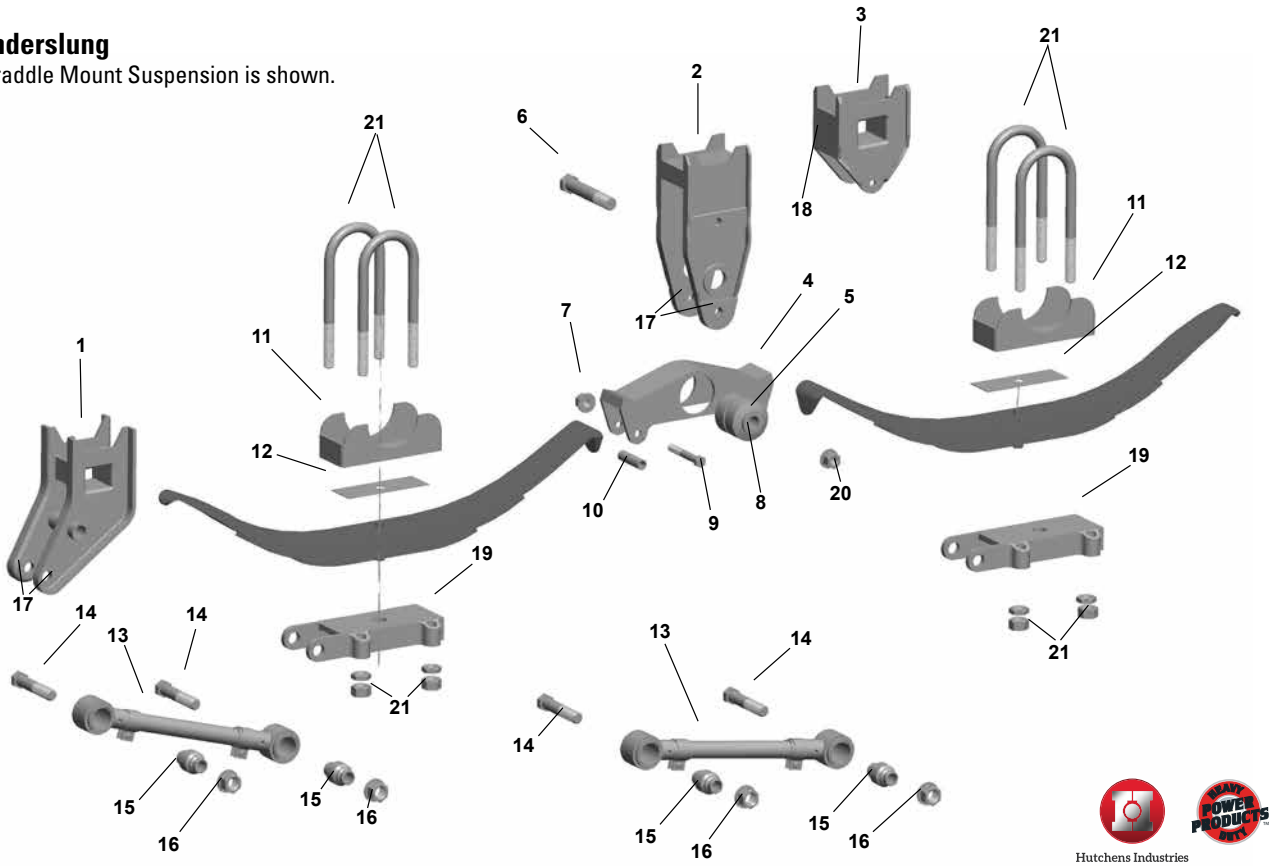
| KEY | OE HUTCH PN ⚑ | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 3 | 7703-07 | 25-839 | Hanger, Rear, LH, Flange Mount Bolt on All Models | 2 |
| 3 | 7703-08 | 25-840 | Hanger, Rear, RH, Flange Mount Bolt on All Models on All Models | 2 |
| 3 | 16293-01 | 25-850 | Hanger, Rear, LH, Cast Undermount / Side Mount on All Models | 2 |
| 3 | 16293-02 | 25-851 | Hanger, Rear, RH, Cast Undermount / Side Mount on All Models | 2 |
| 3 | 7703-01 | 25-710 | Hanger, Rear, Straddle Mount H-7700 / H-9700 on All Models | 2 |
| 3 | 20732-01 | 25-713 | Hanger, Rear, Under Mount on All Models | 2 |
| | 16319-01 | 25-785 | Hanger and Equalizer Assembly, Straddle Mount | 2 |
| | 16319-02 | 25-786 | Hanger and Equalizer Assembly, Under Mount | 2 |
| 4 | 750-03 | 25-701 | Equalizer w/ Bushing, Fabricated; includes 2 Bolts | 2 |
| 4 | — | 25-701PU | Equalizer w/ Bushing, includes Polyurethane Bushing 25-705PU | 2 |
| 4 | 16158-01 | 25-703 | Equalizer w/ Bushing, Fabricated; includes 1 bolt | 2 |
| 4 | — | 25-703PU | Equalizer w/ Bushing, Fabricated; includes 25-706PU Polyurethane Bushing | 2 |
| 4 | 17784-01 | 25-704 | Equalizer w/ Bushing, Cast; includes 1 bolt | 2 |
| 4 | 19137-01 | 25-702 | Equalizer w/ Bushing, Cast; includes 2 bolts | 2 |
| 4 | — | 25-757 | Equalizer, Heavy Duty, w/ Bushing 25-701, w/ Wear Plates; includes Bushing 25-705 | 2 |
| 4 | 24711-01 | 25-864 | Equalizer, Fabricated, 44" / 50" / 51" Axle Center; includes 1 Bolt | 2 |
| 5 | 18273-01 | 25-706 | Equalizer Bushing, Single Hole | 2 |
| 5 | 7010-00 | 25-705 | Equalizer Bushing, 2 Holes | 2 |
| 6 | 16150-01 | 90-12762 | Equalizer Bolt, 1 1/8" — L = 6-5/8" | 2 |
| 6 | 7016-01 | 25-719 | Equalizer Step Bolt, 5/8" — Dia = 3/4", L = 6" | 4 |
| 7 | 11154-00 | 90-12019 | Hex Lock Nut, 1-1/8" — Grade 5 | 2 |
| 7 | 37-03 | 90-12019 | Hex Lock Nut, 5/8" — Grade 8 | 6 |
| 7 | 37-03 | 90-12721 | Hex Lock Nut, 1-1/8" — Grade 5 | 6 |
| 8 | 729-00 | 25-720 | Lock Tab (Old Style,H-7700/Ch-7700) | 2 |
| 8 | 837-00 | — | Washer 1/8" × 1-1/4"ID × 2.25" OD | 2 |
| 9 | 759-00 | 90-12722 | Bolt, 5/8" — L = 4 1/2" | 6 w/ new hgrs |
| 10 | 756-00 | 25-723 | Spring Roller Sleeve, 3/4" OD × 186"A × 3-1/4 L | 6 w/ new hgrs |
| 11 | 16868-01 | 25-715 | Top Plate | 4 |
| 12 | 17350-01 | 25-716 | Galv Liner, L = 7.5" × 3" × 0.56" Dia Hole | 8 |
| 13 | | | Spring Seat, 5" Round Axle, Seat Ht = 3/4" | 4 |
| 14 | 710-00 | 25-718 | Bottom Plate, 5" Round Axles | 4 |
| 14 | 7747-01 | 25-853 | Bottom Plate, 5" Square Axle | 4 |
| 14 | 7746-00 | 25-865 | Bottom Plate, 4"x 6" Axle | 4 |
| 15 | 16398-04 | 25-731 | Torque Arm w/ Bushing, Adjustable; 19.25" Long | 2 |
| 15 | 715-00 | 25-735 | Torque Arm w/ Bushing, Rigid; 19-1/4" Long | 2 |
| 16 | 719-02 | 90-12724 | Torque Arm Bolt, 1" — 14TPI, L = 5" | 8 |
| 17 | 722-00 | 25-708 | Torque Arm Bushing, OD = 1-29/32", ID = 1", L = 3" | 8 |
| 18 | 10562-00 | 90-12725 | Flanged Lock Nut, 1" — 14TPI, Hex = 1-7/16", H = 7/8" | 8 |
| 19 | 7717-01 | 25-866 | Hanger Washer Bushing | As required |
| 20 | 755-03 | 25-901 | Hanger Wear Plate | As required |
| | | 25-756 | Equalizer Bushing Assembly — Kit includes Nos. 5, 6, 7, 8 | 2 |
| | | 25-761 | Equalizer Bushing Assembly — Kit includes Nos. 5, 6 | 2 |
| | 16353-01 | 25-727 | Equalizer Bolt Assembly — Single Hole, includes Nos. 6, 7, 7a, 8, 9, 10 | 2 |
| | 10287-01 | 25-726 | Equalizer Bolt Assembly — 2 Hole, includes Nos. 6, 7, 7a, 8, 9, 10 | 2 |
| | | 25-763 | Torque Arm Bushing Assembly — Kit includes Nos. 17, 18, 19 | 8 |
| 21 | | | U-Bolts | 8 |

## H-9700US/CH-9700US (CAST) & H-7700US/CH-7700US (CAST) SERIES TRAILER

⚑ For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch PN column

### Underslung

Straddle Mount Suspension is shown.




Hutchens Industries

| KEY | OE HUTCH PN ⚑ | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 16291-03 | 25-848 | Hanger, Front, LH, Under Mount Cast | 2 |
| 1 | 16291-04 | 25-849 | Hanger, Front, RH, Under Mount Cast | 2 |
| 1 | 7701-07 | 25-836 | Hanger, Front, LH, Flange Mount Bolt On | 2 |
| 1 | 7701-08 | 25-837 | Hanger, Front, RH, Flange Mount Bolt On | 2 |
| 1 | 7701-01 | 25-709 | Hanger, Front, Straddle Mount for H-7700 / H-9700 Series | 2 |
| 1 | 7601-01 | 25-787 | Hanger, Front, Straddle Mount for 7600 / 9600 Series | 2 |
| 1 | 20728-01 | 25-711 | Hanger, Front, Under Mount H-9700 Series | 2 |
| 1 | 20725-01 | 25-790 | Hanger, Front, Under Mount H-9600 Series | 2 |
| 2 | 7702-05 | 25-838 | Hanger, Center, Flange Mount Bolt H-7700 Double Bolt | 2 |
| 2 | 7702-01 | 25-707 | Hanger, Center, Straddle Mount H-7700 Double Bolt | 2 |
| 2 | 16169-01 | 25-793 | Hanger, Center, Straddle Mount H-9700 Single Bolt | 2 |
| 2 | 7702-02 | 25-712 | Hanger, Center, Under Mount H-7700 Double Bolt | 2 |
| 2 | 16171-01 | 25-794 | Hanger, Center, Under Mount H-9700 Single Bolt | 2 |
| 2 | 7602-01 | 25-788 | Hanger, Center-Straddle Mount Mount H-7600 Double Bolt | 2 |
| 2 | 16187-01 | 25-789 | Hanger, Center-Straddle Mount H-9600 Single Bolt | 2 |
| 2 | 7602-02 | 25-791 | Hanger, Center, Under Mount H-7600 Double Bolt | 2 |
| 2 | 16188-01 | 25-792 | Hanger, Center, Under Mount H-9600 Single Bolt | 2 |
| 2 | 16197-03 | 25-852 | Hanger, Center, Cast Under Mount | 2 |
| 3 | 7703-07 | 25-839 | Hanger, Rear, LH, Flange Mount Bolt On H-7700 | 2 |
| 3 | 7703-08 | 25-840 | Hanger, Rear, RH, Flange Mount Bolt On H-7700 | 2 |

## H-9700US/CH-9700US (CAST) & H-7700US/CH-7700US (CAST) SERIES TRAILER

Hutchens Industries

For Genuine OE Hutch replacement parts with a 5-year warranty, order by the OE Hutch PN column.

| KEY | OE HUTCH PN | POWER PRODUCTS PN | DESCRIPTION | QTY PER TANDEM |
|---|---|---|---|---|
| 3 | 16293-01 | 25-850 | Hanger, Rear, LH, Side Mount Cast | 2 |
| 3 | 16293-02 | 25-851 | Hanger, Rear, RH, Side Mount Cast | 2 |
| 3 | 7703-01 | 25-710 | Hanger, Rear, Straddle Mount H-7700 / H-9700 | 2 |
| 3 | 20732-01 | 25-713 | Hanger, Rear, Under Mount | 2 |
| | 16319-01 | 25-785 | Hanger and Equalizer, Straddle Mount, includes Numbers 2, 4, 5, 6 , 7 | 2 |
| | 16319-02 | 25-786 | Hanger and Equalizer, Under Mount, includes Numbers 2, 4, 5, 6 , 7 | 2 |
| 4 | 750-03 | 25-701 | Equalizer w/ Bushing, Fabricated, includes 25-705 Bushing | 2 |
| 4 | 750-03 | 25-701PU | Equalizer w/ Bushing, includes Polyurethane Double Bolt Hole Bushing 25-705PU | 2 |
| 4 | 16158-01 | 25-703 | Equalizer w/ Bushing, includes 25-706 Single Bolt Hole Bushing | 2 |
| 4 | 16158-01 | 25-703PU | Equalizer w/ Bushing, Fabricated, includes 25-706PU Polyurethane Single Bolt Hole Bushing | 2 |
| 4 | 17784-01 | 25-704 | Equalizer w/ Bushing, Cast, includes 25-706 Single Bolt Hole Bushing | 2 |
| 4 | 19137-01 | 25-702 | Equalizer w/ Bushing, Cast — Double Bolt Hole Bushing | 2 |
| 4 | 750-03 HD | 25-757 | Equalizer w/ Bushing, 25-701 w/ Wear Plates, includes 25-705 Single Bolt Hole Bushing | 2 |
| 5 | 18273-01 | 25-706 | Equalizer Bushing, Single Hole; OD = 3 1/2", ID = 1-1/8", L = 3-7/8" | 2 |
| 5 | 7010-00 | 25-705 | Equalizer Bushing, 2 Holes; OD = 3 1/4", L = 3 7/8" | 2 |
| 6 | 16150-01 | 90-12762 | Equalizer Bolt; 1-1/8" – 7TPI, L = 6 5/8" | 2 |
| 6 | 7016-01 | 25-719 | Equalizer Step Bolt-5/8" – 18TPI, Dia = 3/4", L = 6" | 4 |
| 7 | 37-03 | 90-12721 | Lock Nut; 5/8" – 18TPI, Hex = 15/16", H = 17/32" | 8 |
| 8 | 729-00 | 25-720 | Lock Tab-All (Old Style, H-7700/CH-7700) | 2 |
| 9 | 759-00 | 90-12722 | Bolt; 5/8" — 18TPI, L = 4 1/2" | 4 |
| 10 | 756-00 | 25-723 | Spring Roller Sleeve; OD = 7/8", ID = 21/32", L = 3-7/32" | 4 |
| 12 | 17350-01 | 25-716 | Galv Liner, L = 7.5" × 3" × 0.56" Dia Hole | 4 |
| 13 | 16398-04 | 25-731 | Torque Arm w/ Bushing, Adjustable; C to C = 18-1/2" to 21" | 2 |
| 13 | 715-00 | 25-735 | Torque Arm w/ Bushing, Rigid; C to C = 19-1/4" | 2 |
| 14 | 719-02 | 90-12724 | Torque Arm Bolt, 1" – 14TPI, L = 5" | 8 |
| 15 | 722-00 | 25-708 | Torque Arm Bushing-OD = 1-29/32", ID = 1", L = 3" | 8 |
| 16 | 10562-00 | 90-12725 | Flanged Lock Nut, 1" – 14TPI, Hex = 1 7/16", H = 7/8" | 8 |
| 17 | 7717-01 | 25-866 | Hanger Washer Bushing | 4 |
| 18 | 755-03 | 25-901 | Hanger Wear Pad | As required |
| 19 | 706-01 | 25-835 | Bottom Plate, Underslung | 4 |
| 20 | 11154-00 | 90-12019 | Lock Nut; 1-1/8" — 7TPI | 2 |
| | | 25-756 | Equalizer Bushing Assembly — Kit includes Numbers 5, 6, 7, 8 | 2 |
| | | 25-761 | Equalizer Bushing Assembly — Kit includes Numbers 5, 6, 7 | 2 |
| | 16353-01 | 25-727 | Equalizer Bolt Assembly — Single Hole, includes Numbers 6, 7, 9, 10 | 2 |
| | 10287-01 | 25-726 | Equalizer Bolt Assembly — 2 Hole, includes Numbers 6, 7 ,8 ,9 ,10 | 2 |

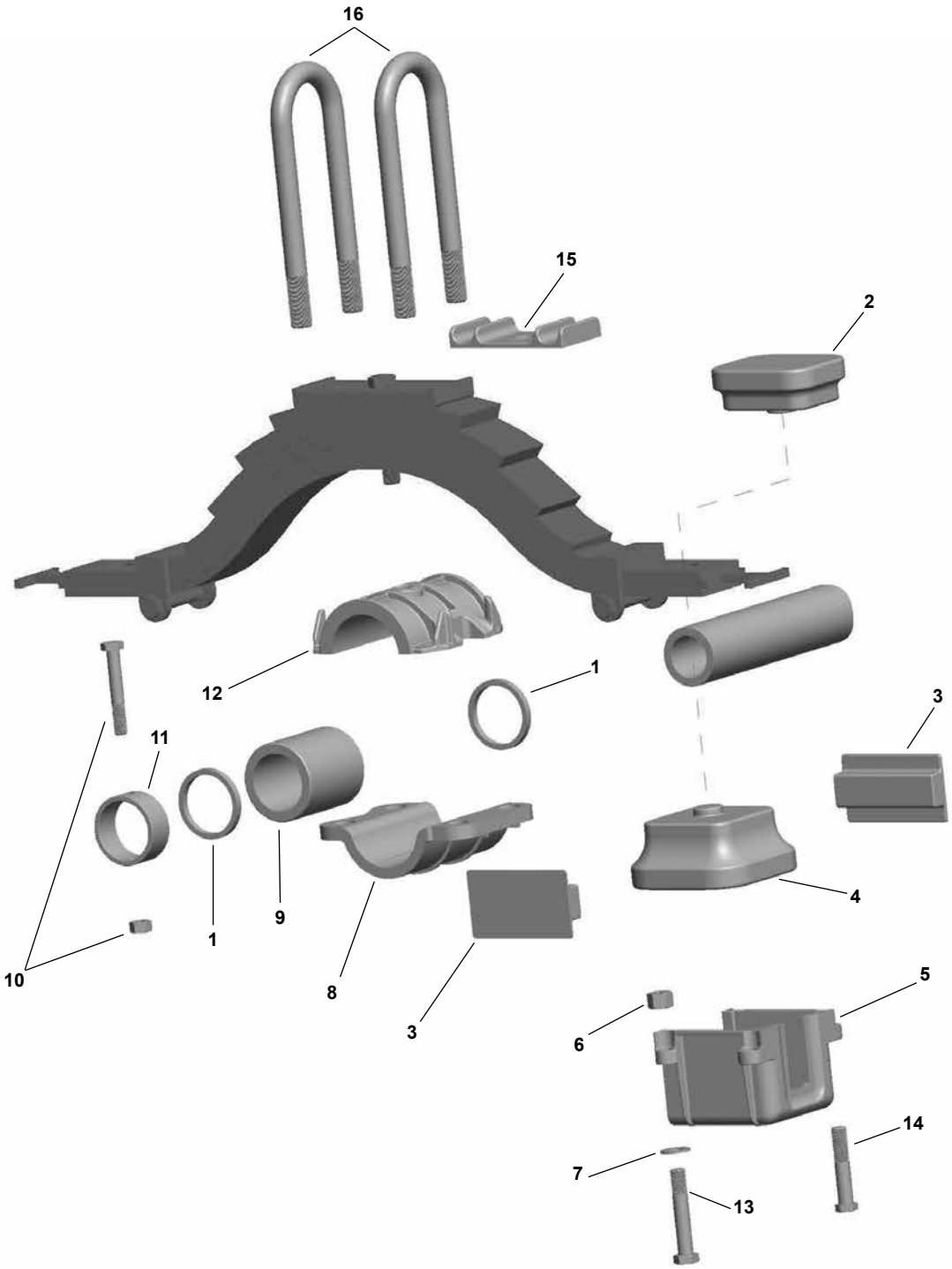
### Underslung Clamp Group

Hutchens Industries

| KEY | OE HUTCH PN | POWER PRODUCTS PN | DESCRIPTION | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 11 | | | Under Slung, 5" Round Axle, Seat Ht = 3/4" | 4 |
| 19 | 706-01 | 25-835 | Bottom Plate, Underslung | 4 |
| 21 | | | U-Bolts | 8 |

## FITS MACK SS34 & 38 TANDEM

**Formerly designated SWS 56 and 57, 34,000 and 38,000 lb tractors**

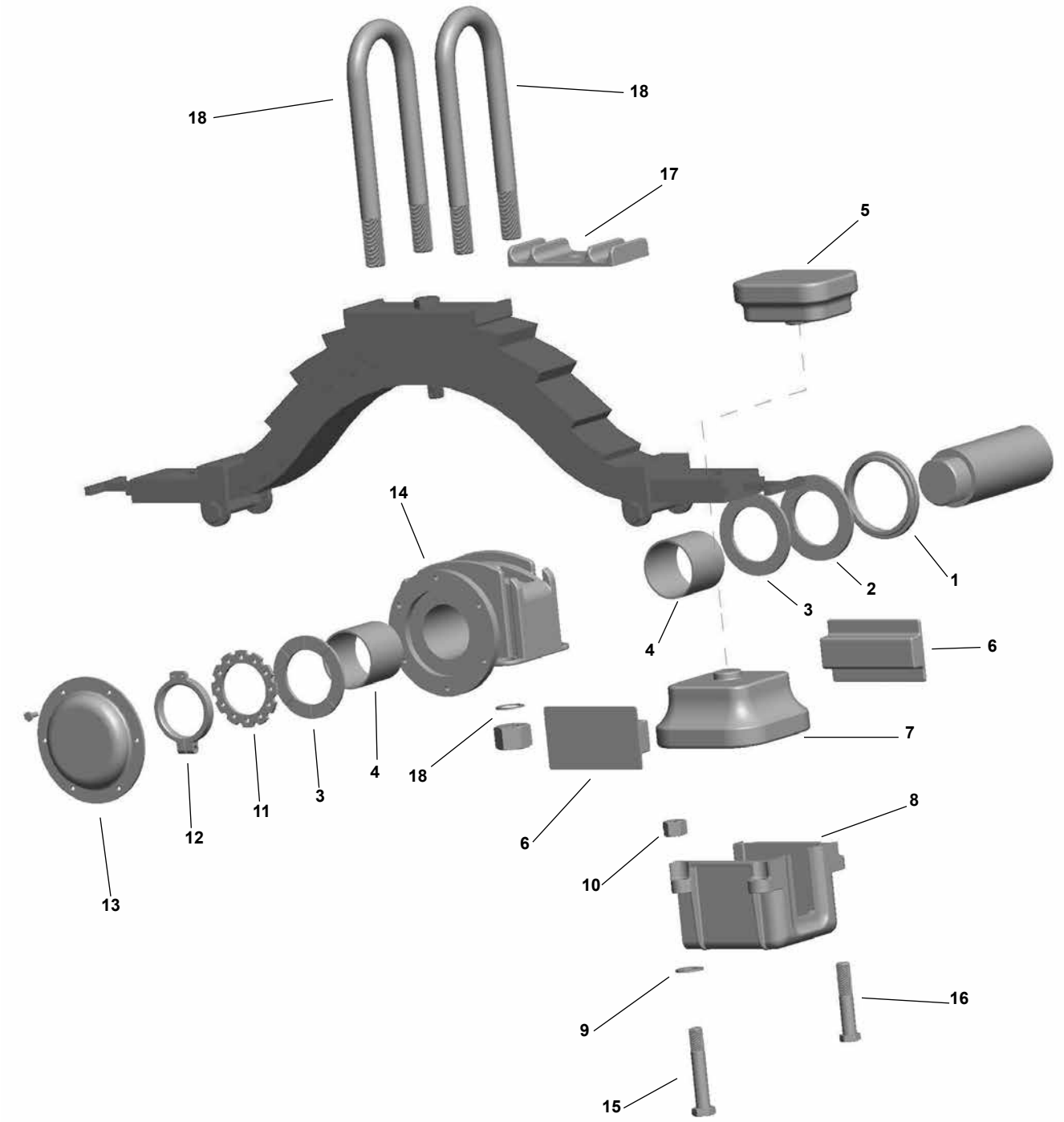


## FITS MACK SS34 & 38 TANDEM, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 40-377 | Trunnion Spacer; OD = 4-1/8", ID = 3-1/2", Thk = 7/16" | 44RU2223P2 | 2 |
| 1 | 40-378 | Trunnion Spacer; OD = 4-1/8", ID = 3-1/2", Thk = 1/2" | 44RU2223P1 | 2 |
| 2 | 40-332 | Insulator, Upper; L = 6", W = 4-1/2", H = 2-1/2" | 10QK365A | 4 |
| 2 | 40-336 | Insulator, Upper; L = 6", W = 4-1/2", H = 3" | 10QK370 | 4 |
| 3 | 40-369 | Insulator Spacer; L = 4", W = 3", Thk = 1-1/2" | 13QK246 | 8 |
| 4 | 40-328 | Insulator Pad, Lower; L = 6", W = 6", H = 3-3/4" | 10QK36B | 4 |
| 5 | 40-389 | Insulator Box; Outside Height = 7-5/16" | 52QK418AP4 | 2 |
| 6 | 90-12749 | Insulator Box Lock Nut; 7/8" – 14TPI, Hex = 1-5/16", H = 27/32" | 21AX480 | 8 |
| 7 | 90-12395 | Washer | 37AX1310 | 8 |
| 8 | 40-373 | Trunnion Half, Lower | 39QK37B<br>39QK37C<br>39QK433 | 2 |
| 9 | 40-335 | Trunnion Bushing; ID = 3-7/16" , OD = 4-11/16" | 10QK219P1 | 2 |
| 9 | 40-367 | Trunnion Bushing; OD = 4-11/16", ID = 3-7/16", L = 6-5/16" | 10QK219P2 | 2 |
| 10 | 40-490 | Bolt Assembly | 21AX786 | 4 |
| 11 | 40-379 | Trunnion Collar; OD = 4-1/8", ID = 3-1/2'", W = 1-3/4",<br>Collar Hole = 3/4" (Late) | 44RU2221P2 | 2 |
| 11 | 40-455 | Trunnion Collar; OD = 4-1/8", ID = 3-1/2", W = 2-1/4" (Early) | 44RU2221P1 | 2 |
| 12 | 40-372 | Trunnion Half, Upper | 39QK433A | 2 |
| 13 | 90-12391 | Insulator Box Bolt; 7/8"— 14TPI, L = 5", Grade 8 | 1AX425 | 8 |
| 13 | 90-12392 | Insulator Box Bolt; 7/8"— 14TPI, L = 5-1/4", Grade 8 | 1AX475 | 8 |
| 13 | 90-12393 | Insulator Box Bolt; 7/8"— 14TPI, L = 6", Grade 8 | 1AX427,3AX987 | 8 |
| 14 | 90-12399 | Insulator Box Bolt; 7/8"— 9TPI, L = 4-1/2", Grade 8 | 4AX320, 6X837 | 8 |
| 14 | 40-491 | Insulator Box Stud; 7/8"— 9TPI, L = 6" | 6AX1160 | 8 |
| 15 | 40-489 | U-Bolt Saddle | 8PK335P1 | 2 |
| 16 | 80-14414 | U-Bolts — 1-1/4" — 12"×14-1/2"×4" Sr | | 4 |
| 16 | 80-14416 | U-Bolts — 1-1/4" — 12"×16-1/4"×4" Sr | | 4 |
| 16 | 80-14418 | U-Bolts — 1-1/4" — 12"×18"×4" Sr | | 4 |

## FITS MACK SS44 SERIES

**Formerly designated SWS 573, 44,000 lb tractors**

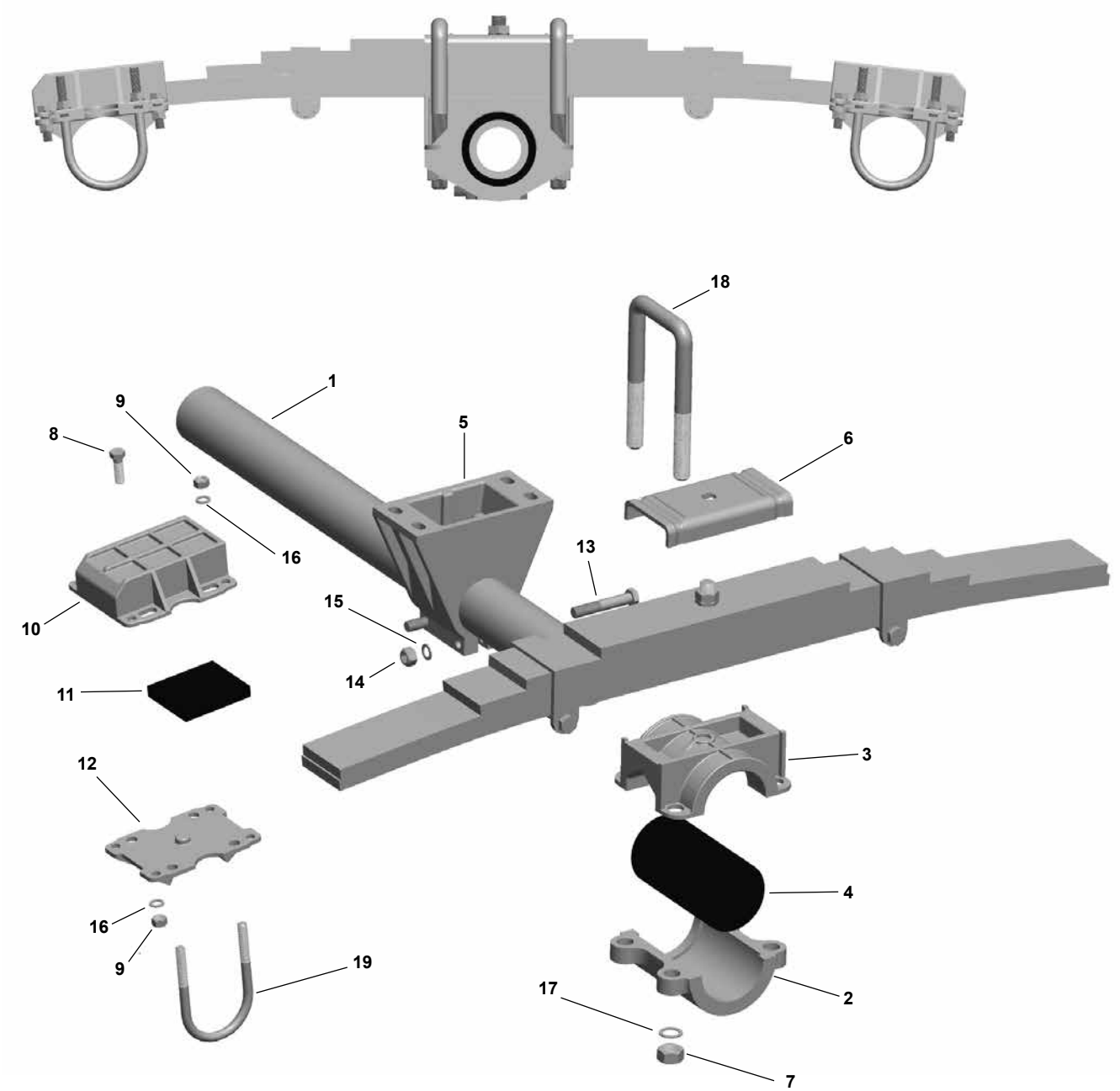


## FITS MACK SS44 SERIES, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 40-387 | Trunnion Seal; OD = 5-1/2", ID = 4-3/8", Thk = 9/16" | 88AX446<br>88AX244 | 2 |
| 2 | 40-385 | Trunnion Thrust Washer, Steel, OD = 5-1/4", ID = 3-1/2", Thk = 1/4" | 43QK117 | 2 |
| 3 | 40-383 | Trunnion Thrust Washer, Bronze, OD = 5-1/4", ID = 3-1/2", Thk = 1/4" | 43QK116<br>35AX688 | 2 |
| 4 | 40-382 | Trunnion Bushing, Bronze; OD = 3-3/4", ID = 3-1/2", L = 3-7/16" | 10QK157 | 2 |
| 5 | 40-332 | Insulator, Upper; L = 6", W = 4-1/2", H = 2-1/2" | 10QK365A | 4 |
| 5 | 40-336 | Insulator, Upper; L = 6-", W = 4-1/2", H = 3" | 10QK370 | 4 |
| 5 | 40-327 | Insulator, Upper; L = 6-7/8", W = 5-3/8", H = 3-3/4" | 10QK32BP1 | 4 |
| 6 | 40-369 | Insulator Spacer; L = 4", W = 3", Thk = 1-1/2" | 13QK246 | 8 |
| 7 | 40-328 | Insulator Pad, Lower; L = 6", W = 6", H = 3-3/4" | 10QK36B | 4 |
| 8 | 40-389 | Insulator Box; Outside Height = 7-5/16" | 52QK418AP4 | 2 |
| 9 | 90-12395 | Washer 1 3/4" OD × 15/16" ID × 1/8" Thick | 37AX1310 | 8 |
| 10 | 90-12749 | Insulator Box Lock Nut; 7/8" — 14TPI, Hex = 1-5/16", H = 27/32" | 21AX480 | 8 |
| 11 | 40-384 | Trunnion Lock Ring; OD = 4-7/8", ID = 3-5/16", Thk = 1/4" | 23QJ112B | 2 |
| 12 | 40-386 | Trunnion Shaft Nut; 3-5/16" – 12TPI, OD = 4-1/16", Thk = 1" | 25QJ223 | 2 |
| 13 | 40-388 | Trunnion Cover, Steel; 7" Bolt Circle | 97QL399P2 | 2 |
| 14 | 40-374 | Trunnion Assembly — Includes (2) 40-382, Bronze Bushings | 39QK326<br>39QK27E<br>39QK27F | 2 |
| 15 | 90-12391 | Insulator Box Bolt; 7/8" — 14TPI, L = 5", Grade 8 | 1AX425 | 8 |
| 15 | 90-12392 | Insulator Box Bolt; 7/8" — 14TPI, L = 5-1/4", Grade 8 | 1AX475 | 8 |
| 15 | 90-12393 | Insulator Box Bolt; 7/8" — 14TPI, L = 6", Grade 8 | 1AX427<br>3AX987 | 8 |
| 16 | 90-12399 | Insulator Box Bolt; 7/8" — 9TPI, L = 4-1/2", Grade 8 | 4AX320<br>6X837 | 8 |
| 17 | 40-489 | U-Bolt Saddle | 8QK335P2 | 2 |
|  | 40-442 | Trunnion Assembly — Includes 40-339 Bushing | 39QK226C | 2 |
| 18 | 80-14414 | U-Bolts — 1 1/4" — 12" × 14 1/2" × 4" Sr |  | 4 |
| 18 | 80-14416 | U-Bolts — 1 1/4" — 12" × 16 1/4" × 4" Sr |  | 4 |
| 18 | 80-14418 | U-Bolts — 1 1/4" — 12" × 18" × 4" Sr |  | 4 |

## TS-426A — 432, 436, 442, 542 SERIES

### Two Spring Tandem Trailer

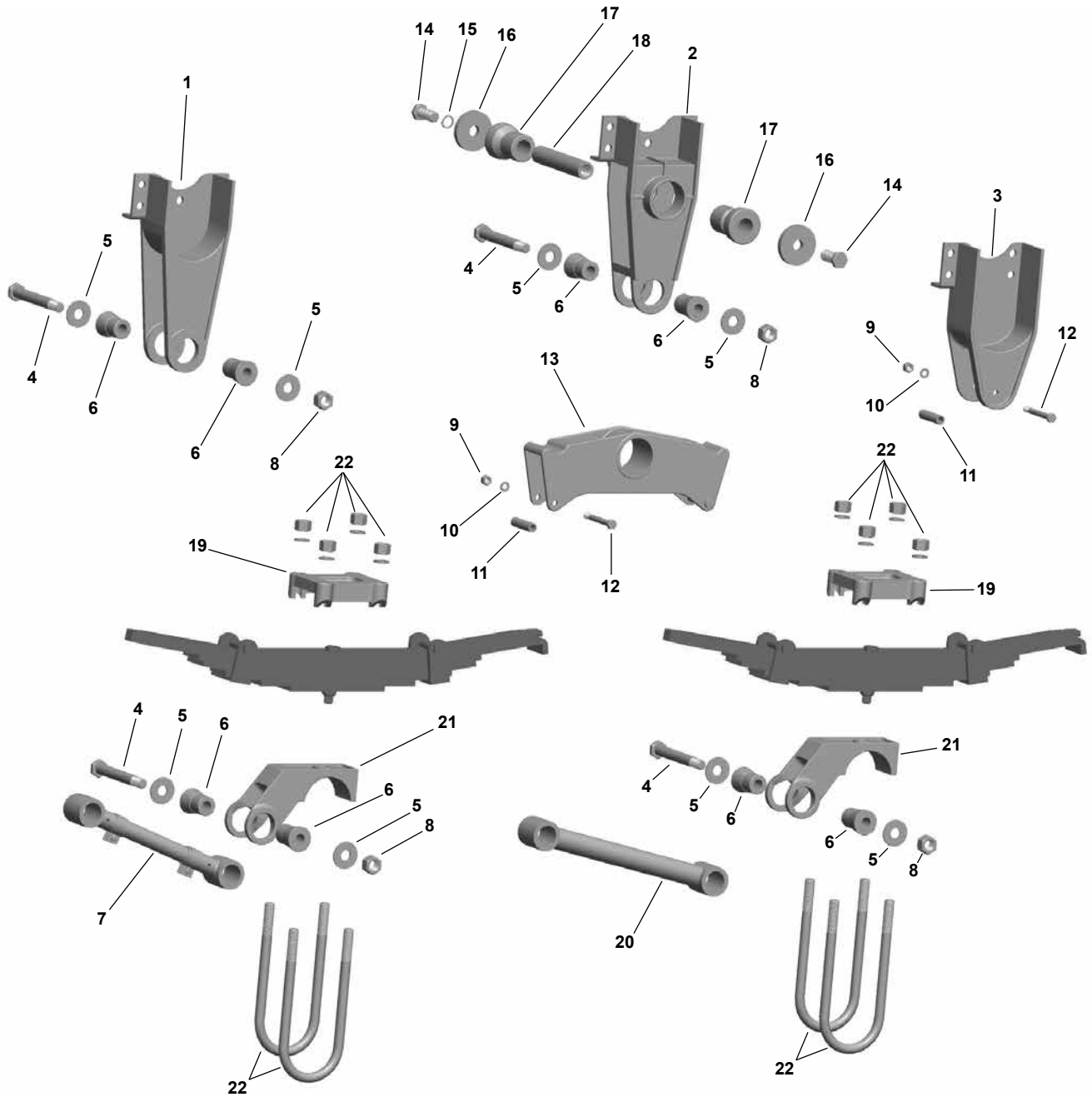


## TS-426A — 432, 436, 442, 542 SERIES, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 25-863 | Shaft, 44,000 lb, 38" Spring Center | 91038003 | 1 |
| 2 | 60-1557 | Trunnion Cap, Lower | 91010047 | 2 |
| 3 | 60-1511 | Trunnion Cap, Upper | 91001051 | 2 |
| 4 | 60-1541 | Trunnion Bushing; OD = 5", ID = 4", L = 8-3/4" | 91008022 | 2 |
| 5 | 25-841 | Trunnion Hanger; 2-1/2" | 91001054 | 2 |
| 5 | 25-842 | Trunnion Hanger; 4-1/2" | 91001055 | 2 |
| 5 | 25-843 | Trunnion Hanger; 6-1/2" | 91001056 | 2 |
| 5 | 25-844 | Trunnion Hanger; 8-1/2" | 91001058 | 2 |
| 6 | 60-1524 | U-Bolt Top Plate, Square U-Bolts | 91010021 | 2 |
| 7 | 90-12019 | Lock Nut; 1-1/8" — 7TPI | 93400506 | 8 |
| 8 | 25-857 | Hex Bolt; 5/8" — 11 × 2" | 93003345 | 24 |
| 9 | 90-12025 | Lock Nut; 5/8" — 11TPI, Hex = 15/16", H = 17/32" | 93400488 | 20 |
| 10 | 60-1510 | Spring End Cap; H = 2-13/16" | 91010043 | 4 |
| 10 | 60-1512 | Spring End Cap; H = 3-7/8" | 91010038 | 4 |
| 11 | 60-1527 | End Pad; L = 5-1/4", W = 4-5/8", Thk = 13/16" | 91028089 | 4 |
| 11 | 60-1546 | End Pad; L = 6-1/2", W = 4-5/8", Thk = 5/8" | 91028152 | 4 |
| 12 | 60-1558 | Spring End Pad | 91001044 | 4 |
| 12 | 60-1509 | Spring End Repair Pad | 91001049 | 4 |
| 13 | 60-1560 | Cap Screw; 3/4" — 10 × 4-1/2" | 93003621 | 4 |
| 14 | 60-1561 | Lock Nut; 3/4" — 10 | 93400492 | 4 |
| 15 | 90-12004 | Washer; OD = 1-15/32", ID = 3/4", Thk = 1/8" | 93600156 | 4 |
| 16 | 90-12110 | Washer; OD = 1-5/16", ID = 11/16", Thk = 1/8" | 93900025 | 40 |
| 17 | 90-12098 | Washer; OD = 2-1/4", ID = 1-1/4", Thk = 1/8" | 93600174 | 8 |
| 18 | 80-18511 | U-Bolts — 1-1/8" — 11" × 5-3/4" L × 5-3/4" Sq | | 4 |
| 18 | 80-18514 | U-Bolts — 1-1/8" — 12" × 14" L × 5-3/4" Sq | | 4 |
| 19 | 80-58508 | U-Bolts— 5/8" — 18" × 7-3/4" × 5" Rd | 90041067 | 8 |

## 21B SERIES

### Trailer

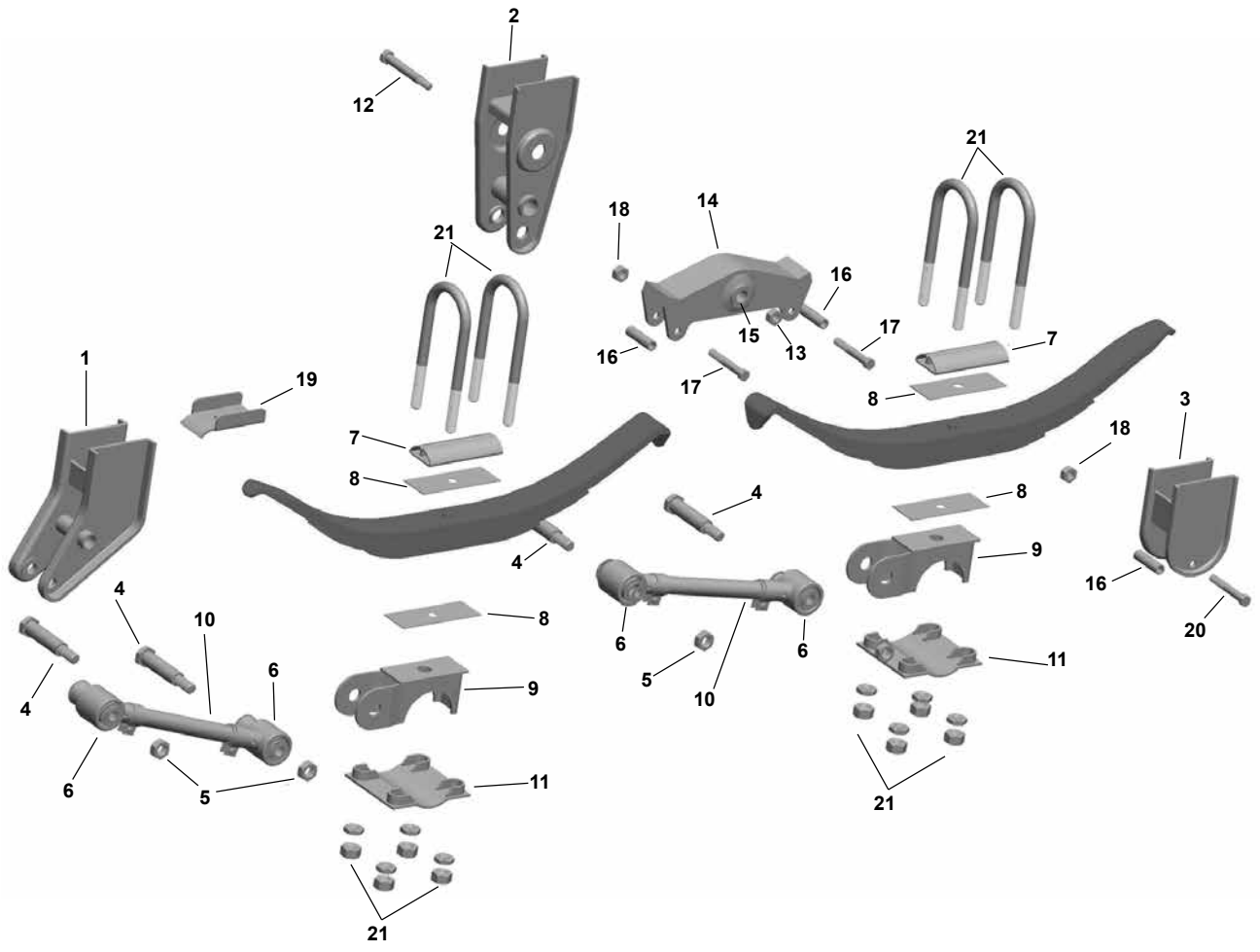


## 21B SERIES, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 55-204 | Hanger, Front, LH, Flange Mount | T-5425 | 1 |
| 1 | 55-203 | Hanger, Front, RH, Flange Mount | T-5423 | 1 |
| 1 | 55-160 | Hanger, Front, LH, Under Mount | T-5563 | 1 |
| 1 | 55-161 | Hanger, Front, RH, Under Mount | T-5562 | 1 |
| 2 | 55-205 | Hanger, Center, Flange Mount | T-5426 | 2 |
| 2 | 55-162 | Hanger, Center, Under Mount | T-5564 | 2 |
| 3 | 55-163 | Hanger, Rear, LH, Under Mount | T-5565 | 1 |
| 3 | 55-164 | Hanger, Rear, RH, Under Mount | T-5566 | 1 |
| 3 | 55-207 | Hanger, Rear, LH, Flange Mount | T-5429 | 1 |
| 3 | 55-206 | Hanger, Rear, RH, Flange Mount | T-5428 | 1 |
| 4 | 90-12143 | Bolt; 1" — 14TPI, L = 6-3/4", Grade 5 | 17161-01 | 8 |
| 5 | 90-12134 | Compression Washer; OD = 2-3/4", ID = 1-1/16", Thk = 3/16" | T-2224 | 16 |
| 6 | 55-132 | Torque Arm Bushing; Small OD = 1-3/16", Large OD = 2-3/8", ID = 1"; L = 3" | T-5493 | 16 |
| 7 | 55-172 | Adjustable Torque Arm; C to C = 15-1/2" to 17-1/2" | 15172-01 | 1 |
| 7 | 55-173 | Adjustable Torque Arm; C to C = 17-1/2" to 19-1/2" | 15173-01 | 1 |
| 8 | 90-12743 | Nut; 1" — 14TPI, 1-1/2" Hex | T-5495 | 8 |
| 9 | 90-12009 | Nut; 1/2" — 20TPI | T-1704 | 6 |
| 10 | 90-12008 | Lock Washer; OD = 29/32", ID = 17/32", Thk = .061 | T-2248 | 6 |
| 11 | 55-197 | Spring Roller | T-2106 | 6 |
| 12 | 90-12018 | Bolt; 1/2" — 20TPI, L = 4-3/4" | T-5544 | 6 |
| 13 | 55-101 | Equalizer; 18" Long | 21725-01 | 2 |
| 14 | 90-12126 | Lock Screw; 1" — 8TPI, L = 2-1/2", Grade 5 | 14248-01 | 4 |
| 15 | 90-12106 | Lock Washer; OD = 1-21/32", ID = 1", H = 7/64" | 14250-01 | 4 |
| 16 | 90-12124 | Compression Washer; OD = 3-3/4", ID = 1-1/16", Thk = 3/8" | 14249-01 | 4 |
| 17 | 55-103 | Equalizer Bushing; OD = 3-3/8", ID = 1-5/8"; L = 4-13/32" | T-5524 | 4 |
| 18 | 55-104 | Equalizer Shaft; OD = 1-5/8", L = 8-5/8", 1" 8TPI Internal Threads | 14247-01 | 2 |
| 19 | 55-168 | Top Plate, 5" Round Axle | T-7175,T-5488 | 4 |
| 19 | 55-219 | Top Plate, 5" Square Axle | T-1734 | 4 |
| 20 | 55-174 | Rigid Torque Arm; C to C = 16-1/4" | T7635,15178-01 | 1 |
| 20 | 55-175 | Rigid Torque Arm; C to C = 18-7/8" | T2293,15179-01 | 1 |
| 21 | 55-208 | Axle Seat; 5" Round Axle , 3/4" SH | 09730-01 | 4 |
| 21 | 55-209 | Axle Seat; 5" Square Axle, 3/4" SH | 07980-01 | 4 |
|  | 55-108 | Spring Roller Assembly, includes Nos. 9,10,11,12 | TK19011 | 6 |
|  | 55-102 | Equalizer Bushing Assembly, includes Nos. 14,15,16,17,18 | TK18998 | 2 |
| 22 | 50-78514 | U-Bolts — 7/8" — 14" × 14" L × 5" Rd |  | 8 |
| 22 | 50-78518 | U-Bolts — 7/8" — 14" × 18" L × 5" Rd |  | 8 |
| 22 | 50-78314 | U-Bolts — 7/8" — 14" × 14" L × 3" Rd |  | 8 |
| 22 | 50-78318 | U-Bolts — 7/8" — 14" × 18" L × 3" Rd |  | 8 |

## FITS TRANSPRO MODEL 86/88

### Heavy Weight / Super Heavy Weight Trailer



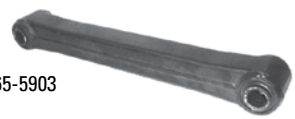
## FITS TRANSPRO MODEL 86/88, continued

| KEY | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | QUANTITY PER TANDEM |
|---|---|---|---|---|
| 1 | 55-169 | Hanger, Front, LH, Flange Mount | 0400-01 | 1 |
| 1 | 55-171 | Hanger, Front, RH, Flange Mount | 0400-02 | 1 |
| 1 | 55-212 | Hanger, Front, Straddle Mount | 0046-20 | 2 |
| 1 | 55-165 | Hanger, Front, Under Mount | 0084-00 | 2 |
| 2 | 55-166 | Hanger Center, Under Mount | 0088-00 | 2 |
| 2 | 55-178 | Hanger, Center, Flange Mount | 0401-00 | 2 |
| 2 | 55-215 | Hanger, Center, Straddle Mount | 0062-20 | 2 |
| 3 | 55-176 | Hanger, Rear, LH, Flange Mount | 0402-01 | 1 |
| 3 | 55-177 | Hanger, Rear, RH, Flange Mount | 0402-02 | 1 |
| 3 | 55-222 | Hanger, Rear, Straddle Mount | 0051-20 | 2 |
| 3 | 55-167 | Hanger, Rear, Under Mount | 0086-00 | 2 |
| 4 | 90-12139 | Bolt; 7/8" — 14TPI, L = 5-1/4", Grade 5 | 0001-08 | 8 |
| 5 | 90-12012 | Flanged Lock Nut; 7/8" — 14TPI, Hex = 1-5/16"; H = 3/4" | 0002-12 | 8 |
| 6 | 55-129 | Torque Arm Bushing; OD = 1-29/32", ID = 7/8"; L = 3" | 09729-01 | 8 |
| 7 | 25-715 | Top Plate; 3" Wide for Inverted 4-Bolt Mounting | 0077-00 | 4 |
| 8 | 25-716 | Delrin Liner; W = 2-7/8", L = 8" | 0375-00 | 4 |
| 9 | 55-159 | Axle Seat; 5" Round Axle, 1" RH | 0636-01 | 4 |
| 9 | 55-213 | Axle Seat; 5" Round Axle, 2" RH | 0636-02 | 4 |
| 9 | 55-211 | Axle Seat; 5" x 5" Square Axle, 1" Sh | 0632-01 | 4 |
| 9 | 55-157 | Axle Seat; 5" x 5" Square Axle, 2" Sh | 0632-02 | 4 |
| 10 | 55-140 | Adjustable Torque Arm w/ Bushing; C to C = 18-1/4" to 21-1/2" | 1035-20 | 2 |
| 10 | 55-141 | Rigid Torque Arm; C to C = 19-7/8" | 0075-20 | 2 |
| 11 | 25-718 | Bottom Plate | 0538-00 | 4 |
| 12 | 90-12137 | Equalizer Bolts; 1" — 14TPI, L = 6-1/2", Grade 5 | 0001-14 | 2 |
| 13 | 90-12725 | Flanged Lock Nut; 1" — 14TPI, Hex = 1-7/16", H = 7/8" | 0274-01 | 2 |
| 14 | 55-142 | Equalizer w/ Bushing, Fabricated, includes 55-144 Bushing Hole ID = 1" | 0650-00 | 2 |
| 14 | 55-143 | Equalizer w/ Bushing, Cast, includes 55-144 Bushing Hole ID = 1" | 0850-00 | 2 |
| 15 | 55-144 | Equalizer Bushing, New Style; OD = 3 29/64", ID = 1", L = 4" | 0649-02 | 2 |
| 16 | 25-723 | Spring Roller Sleeve; OD = 7/8", ID = 21/32", L = 3 7/32" | 0741-01 | 6 |
| 17 | 90-12722 | Bolt; 5/8" — 18TPI, L = 4-1/2" | 0001-04 | 4 |
| 18 | 90-12721 | Lock Nut; 5/8" — 18 TPI, Hex = 15/16", H = 17/32" | 0002-07 | 6 |
| 19 | 25-900 | Hanger Wear Pad | 0045-00 | 2 |
| 20 | 55-170 | Spring Roller Assembly — Kit includes 16, 18, 20 | | 2 |
| | 55-200 | Bushing Assembly, includes Nos. 4, 5, 6 | 0022-01K | 8 |
| | 25-751 | Equalizer Spring Roller Assembly, includes Nos. 16, 17, 18 | 0741-00 | 4 |
| 21 | 50-78312 | U-Bolts | | 8 |
| 21 | 50-78313 | U-Bolts | | 8 |
| 21 | 50-78314 | U-Bolts | | 8 |
| 21 | 50-78318 | U-Bolts | | 8 |
| 21 | 50-78514 | U-Bolts | | 8 |
| 21 | 50-78518 | U-Bolts | | 8 |
| 21 | 80-78412 | U-Bolts | | 8 |
| 21 | 80-78414 | U-Bolts | | 8 |
| 21 | 80-78416 | U-Bolts | | 8 |

## EQUALIZERS & BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  | 65-5900 | w/ Bushing — L = 16", Includes 65-1905 Bushing | 3-A66-43 | Standard 3 1/2" Fabricated Suspension |

## TORQUE ARMS & BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  25-733 | 25-733 | Adjustable w/ Bushings; C to C = 16"–18" — Includes 25-708 Bushings | 3-A11-65A | Standard 3-1/2" Fabricated Suspension |
|  65-5903 | 65-5903 | Rigid w/ Bushings; C to C = 17" — Includes 25-708 Bushings | 3-A11-64 | Standard 3-1/2" Fabricated Suspension |
|  25-763 | 25-763 | Torque Arm Bushing Assembly Kit — Includes (1) 25-708 Bushing, (1) 90-12724 Bolt and (1) 90-12725 Nut | 700-7-149 | Standard Fabricated Suspension |
| | 65-5910 | Equalizer Bolt Assembly — Includes Step Bolts, Sleeves, Bolts, Nuts and Lock Tab | 700-7-155 | Standard 3-1/2" Fabricated Suspension |
|  65-5910 | 90-12724 | Torque Arm Bolt 1" — 14TPI, L = 5", Grade 5 | 3-13-2029 | Standard 3-1/2" Fabricated Suspension |
| | 90-12139 | Torque Arm Bolt 7/8" — 14TPI, L = 5-1/4", Grade 5 | — | Standard 3-1/2" Fabricated Suspension |
|  90-12724 | 90-12012 | Flanged Lock Nut 7/8" — 14TPI Hex = 1-5/16"; H = 3/4" | 0002-12 | Models 86/88 |
|  90-12725 | 90-12725 | Flange Lock Nut 1" — 14TPI | 0274-01 | Various |

## TORQUE ARMS & BUSHINGS

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  75-1709 | 75-1709 | Rigid w/ Bushings — C to C = 22-1/8", Non-Bushable | 358010068 | Air Ride |
| | 75-1713 | Rigid w/ Bushings — C to C = 22-5/8", Includes 35-573 Bushings | V8071851 | T-Ride |
|  20-832 | 20-832 | Bushing, Straddle Mount Cartridge — OD = 2-17/32", Hole Dia = 5/8", C to C = 4-3/8" | V8027424 | Air Ride |

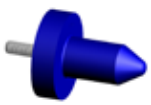
## HARDWARE

| | POWER PRODUCTS PN | DESCRIPTION | OEM CROSS | MODEL |
|---|---|---|---|---|
|  75-1702 | 75-1702 | Shackle Hanger — Aluminum, Left and Right Hand | 37102-0004 | Expeditor/Road Commander II, Front Suspensions |
| 75-1703  | 75-1703 | Shackle Hanger — Ductile Iron, Left and Right Hand | 37102-3218 | Expeditor/Road Commander II, Front Suspensions |
|  75-1712 | 75-1712 | Rubber Load Spring L = 8", W = 6", H = 6" | V1629553 | T-Ride Single Point Rear Tandem Suspension |

## POLYURETHANE PRODUCTS


EQ53-35158

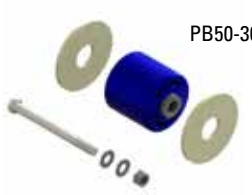

MS99-63399


PL1011


TR00-41009


EB50-21013


PB46-26268


PB50-36000

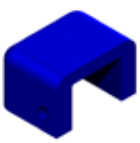
| ATRO PN | DESCRIPTION |
|---|---|
| PL1046 | Torque Rod Bushing |
| PL1126A | Polylast Pete / WS Radiator (ach) |
| EM75-69096 | Exhaust Mount, Air-To-Air Bush |
| MM75-62372 | Motor Mount (Each) |
| EQ53-35158 | 9700 Equalizer & Poly Bushing (1 Bolt) |
| PL1047 | Torque Rod Bushing |
| PL1008 | Kenworth Bushing |
| TH83-37997 | Torque Rod Bushing Kit |
| MS99-63399 | Shifter Isolator Bushing Kit / Fuller Tran |
| PL1015 | Polylast KW / Peterbilt Mount |
| EM75-69656 | Exhaust Bushing |
| PL1025 | Polylast (Polyurethane) Shock Bushing |
| PL1048 | Polylast Ford / Intl / Volvo Motor |
| HM75-65711 | Hood Bumper |
| PL1011 | Polylast KW Hood Pin |
| TR00-41009 | OE Replacement Torque Rod, Poly KW, Peterb |
| PL1017 | Motor Mount |
| PL1006 | Poly Bushing, Holland Fifth Wheel |
| EB50-21013 | Bar Pin Bushing Kit, Crimped |
| HU10000 | Trunnion Bushing |
| PL1041 | Neway Poly Spring End Pad (91028089) |
| PB46-26268 | PB46-26268 |
| PL1007 | Polylast Hutchens Spring Pad |
| PB75-29674 | Peterbilt Air Leaf Bushing Kit |
| PB50-36000 | Trailer Pivot Bushing |
| PL1146A | Torque Rod Bushing Mack / Hendrickson |
| PL1018 | Polylast Peterbilt Motor Mount |
| MA36000A | Load Pad (Lower) |
| TR75-41327 | OE Replacement Torque Rod, Peterbilt |
| PL1026 | Polylast Shock Bushing (8) |
| HM75-66154 | Hood Mount |
| NW30000 | Poly Trunnion Bushing |
| PL1013 | Polylast KW Motor Mount |
| LP50-24179 | Bolster Spring Kit |
| PL1049 | Bushing CHA800009 |
| PL1070 | Polylast Peterbilt Motor Mount |
| TS34000A | Torque Rod Bushing |
| EQ47-35900 | Equalizer Bushing Kit |
| PL1083 | RH Spring End Poly Boot Silver Eagle |
| PL1082 | LH Spring End Poly Boot Silver Eagle |

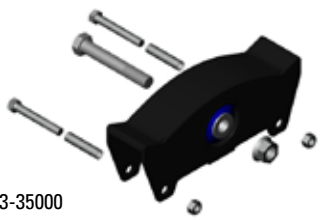
## POLYURETHANE PRODUCTS, continued


TR53-45305

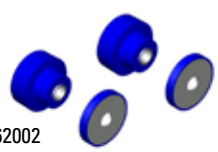

PB75-29101


MS99-65035


HM75-65510


EQ83-35000


MA36500


KT59-62002


SP00-11005


TR55-418C1
MA37000

| ATRO PN | DESCRIPTION |
|---|---|
| TR53-45305 | OE Replacement Torque Rod Hutch 1639804 |
| TS59-22400A | Straddle Bushing (High Articulation) |
| TR75-41059 | Replacement Torque Rod, Poly, Peterbilt |
| PB75-29101 | Low Air Leaf Bushing Kit |
| MS9965035 | Bumper Pad, Mcneilus, Waste Front Loader |
| TR53-41500 | Polylast Hutch Torque Rod (715-00) |
| CB38065 | 38# Center Bush Severe Duty |
| TH47-37900 | Torque Rod Bushing Kit |
| HM75-64593 | Hood Roller |
| HM75-64726 | Hood Mount Pivot Bushing |
| SK83-31000 | Equalizer Bushing Kit, Reyco |
| PL1010 | Hood Hinge |
| HM75-65510 | Atro Poly Hood Bumper For Peterbilt |
| TR71000 | Two-Piece Torque Rod Female End Poly |
| TR75-41108 | OE Replacement Torque Rod (Poly) Peterbilt |
| TT38000A | Torque Rod Bushing |
| EQ83-35000 | Equalizer / Transpro |
| TR75000 | Two-Piece Torque Rod Male End Poly |
| MA36500A | Load Pad (Upper) |
| KT59-62002 | Kenworth Motor Mount Kit |
| PL1119 | Torque Rod Bushing |
| RM75-63861 | Radiator Mount |
| SP00-11005 | Spring Eye Bushing |
| PL1077 | Polylast Peterbilt Mount |
| CB38011 | Center Beam Bushing Kit |
| TR55-418C1 | Polylast Tr Int'l Torque Rod LH |
| TR59-41474 | OE Replacement Torque Rod Poly Kenworth |
| PL1062 | Peterbilt Poly Hood Roller 13-04391 |
| PL1117 | Polylast Reyco Torque Rod Bush |
| MM75-62372HT | Motor Mount (High Temp) |
| PL1118 | Torque Rod Bushing |
| UB20500-OS | Spring Pivot Bushing-Oversized |
| PL1027 | Polylast Hinge Bushing |
| HM75-66164 | Hood Mount |
| TR59-41376 | Polylast Tr Kenworth Torque Rod-TS38 |
| PL1139 | Shock Bushing (8) |
| MA37000A | Poly Load Pad (Upper) Boxed For Mack |
| SP59-11006 | Frt Spr Eye Bush/Pin |
| HW19-29202 | Bolt Kit |
| EB38000A | Beam End Bushing |

## LEAF SPRING BUMPER†

- Replacements eliminates knocking noise from leaf spring
- Easy to install
- No special tools required for installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  523-5600 | 523-5600 | 1990–2009 | Chevrolet, GMC, Isuzu | B7, C4500 Kodiak, C4500 Topkick, C5000 Topkick, C5500 Kodiak, C5500 Topkick, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, HTR, HVR, HXR, P60, P6000, P65 |

## LEAF SPRING SUPPORT†

- Direct replacement for a proper fit every time
- Replacement will eliminate clunking noise from the leaf spring area, commonly associated with a failed leaf spring support
- No special tools required during installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5229 | 924-5229 | 2001–2010 | Freightliner | Columbia, Columbia 112, Columbia 120 |

## SUSPENSION WEAR PLATE†

- Replacement serves as a bump stop for the leaf spring
- Direct replacement for a proper fit every time
- No special installation tools necessary

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  924-5510 | 924-5510 | 2005–2012 | Mack, Volvo | CH, CHN, CL, CV, CXN, GU7, GU8, Vision, VN, VNL, VNM, VT | CL700 SubModel |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SWAY BAR BUSHINGS†

- Direct replacement for a proper fit every time
- Bushing used to mount stabilizer bar
- No special tools necessary for installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  928-5601 | 928-5601 | 1990–2009 | Chevrolet, GMC | B7, C4500 Kodiak, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick, P6000, P6500, T6500, T7500, T8500 |
| | 928-5602 | 1990–2009 | Chevrolet, GMC | B7, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick, T6500, T7500, T8500 |
| | 928-5603 | 1990–2009 | Chevrolet, GMC | B7, C4500 Kodiak, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick, P6000, P6500, T6500, T7500, T8500 |

## TRUCK CAB MOUNTS†

- Durable rubber and metal constructed
- Direct replacement for a proper fit
- Easy to install

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  917-5102 | 917-5102 | 2009–1996 | International | 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9200i SBA, 9400, 9400i SBA, 9800, 9900i, 9900ix, 9200, 9100i SBA, 9900i SFA, 9900ix SFA, 9900, 5000, 5070, 9100 SBA, 9200 SBA, 9300, 9800 SBA, 9800 SFA, 9900 SFA, 9600, 9700 |

- Direct replacement for a proper fit
- Easy to install
- No special tools required

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5505CD | 924-5505CD | 2002–2007 | Volvo | VHD, VN, VNL |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ENGINE MOTOR MOUNTS†

- Durable rubber and metal constructed
- Direct replacement for a proper fit
- Easy to install

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  917-5101 | 917-5101 | 1999–2004 | International | 1652SC, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 4700, 4700LP, 4700LPX, 4800, 4900 |
| | 917-5401 | 2003–2010 | Kenworth | C500, T2000, T600A, T800 |

- Direct replacement
- Made from high quality materials for durability
- No special tools necessary

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  917-5301 | 917-5301 | 1980–1989 | Ford | B600, B700, C700, C800, F600, F700, F800, FT800, L800, L900, LN600, LN700, LN800, LNT800, LNT900, LT800 | V8 370CID 6.1L, Automatic Trans., MT640 Trans., V8 370CID 6.1L, Automatic Trans., MT650 Trans., V8 370CID 6.1L, Standard Trans., RT610 Trans., V8 370CID 6.1L, Standard Trans., RT613 Trans., V8 429CID 7.0L, Automatic Trans., MT640 Trans., V8 429CID 7 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## REMAN POWER STEERING GEAR BOXES

- Power Steering, Inc. offers a hassle-free 18-month warranty
- Quality reman in the USA

| | PSI® PN | TRW® PN | DESCRIPTION |
|---|---|---|---|
|  8800 | 8800 | — | TAS Series Input Seal Kit |
| | 8834 | — | Sheppard M Series Input Seal Kit |
| | 710ML | — | Reman Steering Gear — Metric 3-Bolt |
| | M100PCL | — | Reman Steering Gear |
| | M100PHE | — | Reman Steering Gear |
| TAS65024  | TAS65024 | RGT66005R | Reman Steering Gear |
| | THP60010 | THP60010R | Reman Steering Gear |
| | TAS65090 | RGT66001R | Steering Gear — Ross |
| | TAS65155 | TAS65155R | Reman Steering Gear |
| | TAS65079 | TAS65079R | Reman Steering Gear |
|  M100PCL | TAS65004 | RGT66007R | Freightliner Steering Gear — Ross |
| | TAS65219 | TAS65219R | Reman Steering Gear |
| | TAS65218 | TAS65218R | Steering Gear — Ross |

## TIE ROD ENDS

- Delivers solid steering feel
- Ensures alignment control
- Fully greasable for extended service life

| | POWER PRODUCTS PN | MERITOR® PN | DAYTON® PN | APPLICATION |
|---|---|---|---|---|
| R230068  | PP26141 | R230068 | 310-222 | Dana/Spicer 160S-1200S LH Thread |
| | PP26151 | R230069 | 310-223 | Dana/Spicer 160S-1200S RH Thread |
| | PP26281 | R230072 | 310-433 | Dana/Spicer I50-I132 LH Thread |
|  R230069 | PP26291 | R230073 | 310-434 | Dana/Spicer I50-I132 RH Thread |
| | PP201371 | R230139 | 310-455 | Eaton 10,000 — 13,000 lb RH Thread |
| | PP201381 | R230140 | 310-456 | Eaton 10,000 — 13,000 lb LH Thread |

## KING PIN KITS†

| POWER PRODUCTS PN | KAISER® | | | CROSS REFERENCE | | | | |
|---|---|---|---|---|---|---|---|---|
| | QWIK KIT PN | PLUS KIT PN | ECONO KIT PN | SPICER® DANA EATON® | | AUTOMANN® | DAYTON™ | FLAGG® |
| PP102I | K102I | 70.102.09 | 50.102.09 | 101KK111 | | 460.244B | 300-268<br>300-282 | FKP-110-B |
| PP103S | K103S | 70.103.19 | 50.103.19 | 329182 | | 460.536C | 300-319 | FKP-145-C |
| PP120E | K120E | 70.120.05 | 50.120.05 | 806355<br>815984 | 1008431<br>806355B | 460.220C<br>460.254B | 300-257<br>300-274 | FKP-115-B<br>FKP-98-C |
| PP122E | K122E | 70.122.05 | 50.122.05 | 316111<br>328342<br>328344 | 816787<br>823078 | 460.286B | 300-293<br>300-297 | FKP-131-B |
| PP147E | K147E | 70.147.05 | 50.147.05 | 328347<br>328349 | | 460.534B | 300-305<br>300-306 | FKP-144-B |
| PP961L | K961L | 70.961.12 | 50.961.12 | — | | 460.246B | 300-266<br>300-284 | FKP-111-B<br>FKP-111-C |
| PP981R | K981R | 70.981.18 | 50.981.18 | — | | 460.518C | 300-299<br>300-317 | FKP-136-C |
| — | K120I | 70.120.09 | 50.120.09 | 120KK100 | | 460.260B<br>460.260C | 300-271<br>300-276 | FKP-118-B |

| POWER PRODUCTS PN | KAISER | | | CROSS REFERENCE | | | |
|---|---|---|---|---|---|---|---|
| | QWIK KIT PN | PLUS KIT PN | ECONO KIT PN | NAVISTAR® | NEW STAR™ S&S | ROCKWELL | |
| PP102I | K102I | 70.102.09 | 50.102.09 | 1660271C91 | S-9304<br>S-A482 | R200268 | |
| PP103S | K103S | 70.103.19 | 50.103.19 | 3564519C91<br>3573204C91<br>3573205C91 | — | — | |
| PP120E | K120E | 70.120.05 | 50.120.05 | 1651921C91 | S-6485<br>S-8371 | R200267<br>R200269 | |
| PP122E | K122E | 70.122.05 | 50.122.05 | — | S-C464<br>S-D562 | R200281 | |
| PP147E | K147E | 70.147.05 | 50.147.05 | — | — | — | |
| PP961L | K961L | 70.961.12 | 50.961.12 | 2505492C91<br>1665531C91<br>2505494C91 | S-8678 | 1315<br>1470<br>1471 | R201470<br>R201315 |
| PP981R | K981R | 70.981.18 | 50.981.18 | 2500542C91 | S-C119 | R201419 | R201472 |
| — | K120I | 70.120.09 | 50.120.09 | 1659686C91<br>1659687C91<br>1659688C91<br>1668411C91 | 1668411C92<br>1688411C92<br>3532356C91<br>3545386C92 | S-4483<br>S-A483<br>S-A811 | R201426 |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# POWER STEERING COMPONENTS

## POWER STEERING PULLEY†

- Direct replacement for a proper fit every time
- Easy installation
- Quality-tested to ensure trouble-free performance and longer service life

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  300-5600 | 300-5600 | 1981–2000 | Chevrolet, GMC | B60, B6000, B7, C50, C5000, C5000 Topkick, C5500 Kodiak, C60, C60 Kodiak, C6000, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70, C70 Kodiak, C7000, C7000 Topkick, C7500 Kodiak, C7500 Topkick, P40, P4500, P60, P6000, P6500 | 4 X 2, Air Brakes; 4 X 2, L6 292CID 4.8L , V8 350CID 5.7L , V8 350CID 5.7L (5736cc), V8 365CID 6.0L (5972cc), V8 366CID 6.0L , V8 427CID 7.0L , V8 427CID 7.0L (6998cc), V8 454CID 7.4L , V8 501CID 8.2L |

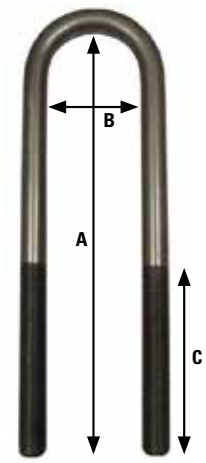
## POWER STEERING RESERVOIRS†

- Includes reservoir cap and level sensor (where applicable)
- Direct replacement for a proper fit every time
- Weather-resistant

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  603-5106 | 603-5106 | 2002–2016 | International | 4300, 4300LP, 4400, 4400LP, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8600, 8600 SBA, 8600 TranStar, 9200, 9200i SBA, 9400, 9400i SBA, 9900i, 9900i SFA, 9900ix, 9900ix SFA, CXT | DT466, DT570, MaxxForce 9, MaxxForce DT |
|  603-5206 | 603-5206 | 2008–2014 | Freightliner | Business Class M2, M2, M2 106, M2 112 | |

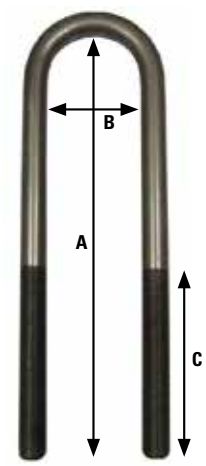
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ROUND GRADE 5




| EUCLID® PN | THREAD | A DIMENSION | B DIMENSION | C DIMENSION |
|---|---|---|---|---|
| E-UB5161-12 | 7/8"–14" | 12" | 3" | 4" |
| E-UB5161-13 | 7/8"–14" | 13" | 3" | 4" |
| E-UB5161-14 | 7/8"–14" | 14" | 3" | 4" |
| E-UB5161-15 | 7/8"–14" | 15" | 3" | 6" |
| E-UB5161-16 | 7/8"–14" | 16" | 3" | 6" |
| E-UB5161-18 | 7/8"–14" | 18" | 3" | 6" |
| E-EU5165-12 | 7/8"–14" | 12" | 5" | 6" |
| E-UB5165-14 | 7/8"–14" | 14" | 5" | 6" |
| E-UB5165-15 | 7/8"–14" | 15" | 5" | 6" |
| E-UB5165-16 | 7/8"–14" | 16" | 5" | 6" |
| E-UB5165-18 | 7/8"–14" | 18" | 5" | 6" |

## ROUND GRADE 8




| EUCLID® PN | THREAD | A DIMENSION | B DIMENSION | C DIMENSION |
|---|---|---|---|---|
| E-UB8145-076 | 5/8"–18" | 7-3/4" | 5" | 3-1/2" |
| E-UB8155-073 | 3/4"–16" | 7-1/2" | 5" | 3" |
| E-UB8151-10 | 3/4"–16" | 10" | 3" | 3" |
| E-UB8151-12 | 3/4"–16" | 12" | 3" | 3" |
| E-UB8151-14 | 3/4"–16" | 14" | 3" | 6" |
| E-UB8151-16 | 3/4"–16" | 16" | 3" | 6" |
| E-UB8161-10 | 7/8"–14" | 10" | 3" | 3" |
| E-UB8161-12 | 7/8"–14" | 12" | 3" | 3" |
| E-UB8161-13 | 7/8"–14" | 13" | 3" | 6" |
| E-UB8161-14 | 7/8"–14" | 14" | 3" | 6" |
| E-UB8161-15 | 7/8"–14" | 15" | 3" | 6" |
| E-UB8161-16 | 7/8"–14" | 16" | 3" | 6" |
| E-UB8161-18 | 7/8"–14" | 18" | 3" | 6" |
| E-UB8165-12 | 7/8"–14" | 12" | 5" | 3" |
| E-UB8165-14 | 7/8"–14" | 14" | 5" | 4" |
| E-UB8165-16 | 7/8"–14" | 16" | 5" | 6" |
| E-UB8175-104 | 1"–14" | 10-1/2" | 5" | 3-1/2" |

# U-BOLTS, NUTS & WASHERS

## SQUARE GRADE 8

| | EUCLID® PN | THREAD | A DIMENSION | B DIMENSION | C DIMENSION |
|---|---|---|---|---|---|
| | E-UB8256-077 | 3/4"–16" | 7-7/8" | 5" | 3" |
| | E-UB8264-12 | 7/8"–14" | 12" | 4" | 3" |
| | E-UB8264-14 | 7/8"–14" | 14" | 4" | 6" |
| | E-UB8264-16 | 7/8"–14" | 16" | 4" | 6" |
| | E-UB8286-134 | 1-1/8"–12" | 13-1/2" | 5-1/8" | 4" |
| | E-UB8286-154 | 1-1/8"–12" | 15-1/2" | 5-1/8" | 6" |
| | E-UB8287-11 | 1-1/8"–12" | 11" | 5-3/4" | 3" |
| | E-UB8287-14 | 1-1/8"–12" | 14" | 5-3/4" | 6 |

## SEMI-ROUND GRADE 8

| | EUCLID PN | THREAD | A DIMENSION | B DIMENSION | C DIMENSION |
|---|---|---|---|---|---|
| | E-UB8394-144 | 1-1/4"–12" | 14-1/2" | 4" | 3-1/2" |
| | E-UB8394-162S | 1-1/4"–12" | 16-1/4" | 4" | 3-1/2" |
| | E-UB8394-18 | 1-1/4"–12" | 18" | 4" | 3-1/2" |

## U-BOLT HI-NUTS

| | EUCLID PN | THREAD | HEX | HEIGHT |
|---|---|---|---|---|
| | E-9605 | 1/2"–20" | 3/4" | 11/16" |
| | E-9606 | 9/16"–18" | 7/8" | 3/4" |
| | E-3000 | 5/8"–18" | 1-15/16" | 27/32" |
| | E-3001 | 3/4"–16" | 1-1/16" | 1" |
| | E-3002A | 7/8"–14" | 1-1/4" | 1-5/32" |
| | E-3003 | 1"–14" | 1-1/2" | 1-5/16" |

## U-BOLT WASHERS

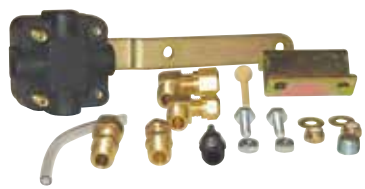
| | EUCLID PN | THREAD | HEX | HEIGHT |
|---|---|---|---|---|
| | E-9605 | 1/2"–20" | 3/4" | 11/16" |
| | E-9606 | 9/16"–18" | 7/8" | 3/4" |
| | E-3000 | 5/8"–18" | 1-15/16" | 27/32" |
| | E-3001 | 3/4"–16" | 1-1/16" | 1" |
| | E-3002A | 7/8"–14" | 1-1/4" | 1-5/32" |
| | E-3003 | 1"–14" | 1-1/2" | 1-5/16" |

## HEIGHT CONTROL LINKAGE KITS & VALVES


90054007P

| POWER PRODUCTS PN | DESCRIPTION | REPLACES |
|---|---|---|
| SRK168P | Linkage Kit 90054007 | 48100225 |
| — | Linkage Kit 90554241 | 48100267 |
| 90054007P | Neway Leveling Valve | 90054007 |
| 90054074P | Solenoid — Normally Closed | — |
| 90054075P | Solenoid — Normally Open | — |
| 90554241P | Neway — Leveling Valve | 90555105 |
| 90554271P | HCV w/ Dump Valve | — |
| 90554107P | Pressure Valve | — |
| — | Neway Dump Valve | 90554335 |
| 90554615P | Neway Pilot Valve | 90554615 |

## HEIGHT CONTROL VALVES CONVERSION KITS


KD2357P

| POWER PRODUCTS PN | APPLICATION / FITS | REPLACES |
|---|---|---|
| KD2355P | Cab-International, Peterbilt | Wabco® S464-007-004-0 |
| KD2357P | Chassis — Multiple | Neway® 90054007 |
| KD2359P | Chassis — Volvo | Wabco® S464-008-007-0<br>S464-008-115-0 |
| KD2360P | Chassis — International | Hadley® HAD1501NS<br>International 2506169C91 |
| KD2373P | Chassis — Multiple | Delco, King of the Road |
| K02374P | Chassis — Volvo, Kenworth | Haldex® 90554945, 90554950,<br>Kenworth G90 Series |
| KD2375P | Cab & Chassis — Multiple | Hadley® H00450CE |
| KD2432P | Chassis — Volvo, Mack | — |
| KD320141P | Linkage 12.8-19.0 | — |
| KD320138P | Linkage 6.9-9.6 | — |
| 27000P | Truck/Bus/Trailer | Haldex® KN27000 |

## CLUTCH TROUBLESHOOTING

### CLUTCH WEAR & REPAIR




### CLUTCH INSTALLATION KIT

**Includes:**

- Input shaft and bearing
- Input bearing cover
- Input shaft inner and outer snap rings
- Cross shaft bushings
- Release fork
- Pilot bearings
- Clutch brake
- Clutch housing gasket
- Shift lever housing gasket

| | PN | DESCRIPTION |
|---|---|---|
| K-2468-TT  | K-2468-TT | Deluxe Installation Kit |

## CLUTCH SLIPPAGE

| PROBABLE CAUSE | CORRECTION |
|---|---|
| Lack of free pedal | Re-adjust per instructions |
| Release mechanism binding | Check release mechanism and linkage; lube if necessary |
| Grease or oil on clutch facings | Replace with new clutch assembly; find and repair cause of grease or oil contamination |
| Worn clutch facings | Replace with new clutch assembly |
| Weak pressure springs | Replace with new clutch assembly |
| Overloaded clutch | Review application to ensure that proper clutch was installed |

## NOISY CLUTCH

| PROBABLE CAUSE | CORRECTION |
|---|---|
| Clutch release bearing lacks lubricant or damaged | Lubricate if a zerk fitting or replace clutch assembly |
| Flywheel pilot bearing lacks lubricant or damaged | Lubricate or replace with new bearings |
| Clutch release bearing housing hitting flywheel ring | Adjust clutch per instructions; check wear on cross shafts, bell housing bushings and release yoke; replace if necessary |
| Wrong tolerance between drive slots and drive lugs on pressure plates | Clearance should be no less than 006” |

## POOR CLUTCH RELEASE

| PROBABLE CAUSE | CORRECTION |
|---|---|
| Clutch adjustment not correct | Re-check adjustment per instructions |
| Flywheel pilot bearing bound in flywheel or on input shaft | Replace pilot bearing and ensure proper seating in flywheel and tolerance to input shaft |
| Damaged clutch release bearing | Replace with new clutch assembly |
| Clutch release shaft projecting through release yoke | Reposition release shaft so it does not project; check bell housing bushings, cross shafts and release yoke for wear |
| Release yoke hitting cover assembly at full release position | Replace release yoke with proper yoke |
| Release yoke not aligned properly with release bearing | Check flywheel has not been resurfaced more than the 060” maximum |
| Intermediate plate sticking on drive lugs (14” angle spring — 2 plate assemblies only) | Check drive pins are 90° to flywheel surface and minimum 006” clearance between drive pins & center plate slots |
| Pressure plate not retracting fully | Check pressure plate drive lugs for 006” clearance |
| Worn splines on input shaft of transmission | Replace input shaft and check disc hubs for excess wear |
| Disc facings contaminated with oil or grease | Cleaning disc is not effective; check for leak causing contamination; replace clutch assembly |






## CLUTCH ASSEMBLY GUIDELINES

1. Determine the size of the clutch — 14" or 15.5".
   If 14", determine spline size and see Step 3.
2. If 15.5", measure center flywheel bore:
   a. If flywheel bore is 7.125", use an 8-spring disc
   b. If flywheel bore is 8.5", use a 10-spring disc
   c. If flywheel bore is 9.75", use a 7-spring disc
   NOTE: Use 9-spring disc for Mack only
   d. If flywheel bore is 9.75", do not use organic facings.
3. Determine maximum engine torque. WARNING: If clutch torque rating does not exceed engine torque rating, premature failure may occur and warranty will be voided.
4. Self-adjust clutch should be used in all hydraulic clutch linkage applications.



## POWER PRODUCTS CLUTCHES†

NEW, NO CORE

Made in USA

- New, no core
- Made in USA
- 2-year unlimited mileage warranty

| | POWER PRODUCTS PN | DESCRIPTION | SPICER CROSS REFERENCE |
|---|---|---|---|
| | P108925-82B | 7-Spring 4-Paddle 1,700 lb EZ Pedal | 208925-82B |
| | P108935-51 | 9-Spring 4-Paddle 1,700 lb EZ Pedal | 208925-61 |
| | P209925-82B | 7-Spring Self Adjust 1,700 lb | 209701-82 |
| | P107237-10 | 3-Pedal Stamped Steel 860 lb | 107237-10 |
| | P108050-59B | 14×2 8-Spring 4-Paddle 1,400 lb | 108050-59B |
| | P108391-74B | 10-Spring 4-Paddle 1,650 lb | 10839174-PM |
| | P108925-82H | 7-Spring 6-Paddle 2,050 lb | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEAVY DUTY EATON® CLUTCHES†

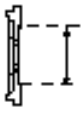
EATON

1 Self-adjusting clutches are recommended for trucks with hydraulic linkage to reduce the risk of drivetrain damage.

| | | | | | | Best | | Better | | Good | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Original Equipment Specifications (Pre-damper suffix in parentheses) | | Aftermarket Specifications | | Remanufactured | | ValueLine™ |
| | Spline Dia. – No. of Splines | Flywheel Bore Opening | No. of Springs / Damper Type | Clutch Torque lb-ft (must equal or exceed engine torque) | Facing | Solo Advantage® Self Adjust | Easy Pedal Advantage® Manual Adjust | EverTough® Self Adjust | EverTough Manual Adjust | Solo® | Easy Pedal® | ValueClutch® |
| 15.5 inch | 2" – 10 | 7" | 6 | 1370 | 0 Organic | | | | | | | 107091-6B |
| | | | | 1250 | 0 Organic | | | | | | | 107091-7B |
| | | | | 1400 | 4 | | | | 1DS381-81AM | | 1DS381-81MD | 107091-8B |
| | | | | | 0 Organic | | | | | | 1DS381-82MD | |
| | | 8.5" | 10 | 1850 | 4 | | | | 1DS381-74AM | 1D0700-74MD | 1DS381-74MD | 107091-74B |
| | | 10" | 9 (Mack and Volvo 11L & 12L) | 1850 | 4 | 2D9701-51 | 2D5925-51 | 1D9701-51AM | 1DS925-51AM | 1D0700-51MD | 1DS925-51MD | 107925-51B |
| | | | | 1760 | 4 | 2D9701-61 | 2D5925-61 | | 1DS925-61AM | 1D0700-61MD | 1DS925-61MD | |
| | | | | 1850 | 6 | 2D9701-91 | 2D5925-61 | | 1DS925-61AM | | 1DS925-61MD | |
| | | | | 1760 | 6 | 2D9701-62 | 2D5925-62 | 1D9701-62AM | | | | |
| | | | 7 (Mid-codes) | 1700 | 4 | 2D9701-14 | 2D5925-14 | | | | | |
| | | | 7 | 1450 | 4 | 2D9701-60 | 2D5925-60 | | | | | |
| | | | 7 / OVC | 1850 | 4 | 2D9701-67 | 2D5925-67 | | | | | |
| | | | | 1850 | 6 | 2D9701-68 | 2D5925-68 | | | | | |
| | | | 7 | 1700 | 4 | 2D9701-82 | 2D5925-82 | 1D9701-82AM | 1DS925-82AM | 1D0700-82MD | 1DS925-82MD | 107925-82 |
| | | | | | 6 | 2D9701-66 | 2D5925-66 | | | | | |
| | | | 7 / VCT Plus® | 1750 | 4 | 2D9701-24 (-34) | 2D5925-24 (-34) | | | | | |
| | | | | 1760 | 6 | (2D9701-28) | 2D5925-70 (-28) | | | | | |
| | | | | 1860 | 6 | 2D9701-20 (-30) | 2D5925-30 (-30) | | | 1D0700-30MD | | |
| | | | 7 | 1860 | 6 | | | 1D9701-30AM | 1DS925-30AM | | | |
| | | | | 2050 | 6 | | | 1D9701-25AM | 1DS925-25AM | | | |
| | | | 7 / VCT Plus | 2050 | 6 | 2D9701-25 (-35) | 2D5925-25 (-35) | | | | | |
| | 2" – 14 | 10" | 7 / VCT Plus | 2250 | 6 | 2D9708-32 (-42) | 2D5927-32 (-42) | | | | | |
| | Spline Dia. – No. of Splines | Flywheel Bore Opening | No. of Springs – Damper Type | Clutch Torque lb-ft (must equal or exceed engine torque) | Facing | Solo | Easy Pedal | EverTough Self Adjust | EverTough Manual Adjust | Solo | Easy Pedal | ValueClutch |
| 14 inch | 2" – 10 | 7" | 6 | 1800 | 3 | | 1DS934-81B | | | | 1DS934-81MD | 107934-81B |
| | | | | | 0 Organic | | | | | | | 107934-52B |
| | | | | 1750 | 0 Organic | | 1DS934-82B | | | | 1DS934-82MD | |
| | | | | 1400 | 4 | | 1DS950-96B | | 1DS950-96AM | | 1DS950-96MD | 107950-96B |

2 Decide size of your next two-plate heavy-duty clutch. Note: All spline dimensions are 2".

3 Determine flywheel bore opening and select number of springs.



4 Choose clutch torque. Rating in chart must be equal to or exceed engine torque rating.

5 Review clutch choice based on options. All part numbers in the next few spaces.

6 Choose Eaton new or remanufactured.

**Advantage Series**
- Original equipment specification
- 2 year/unlimited mileage warranty
- 50,000 mile lube interval

**EverTough**
- Aftermarket specification
- 1 year/unlimited mileage warranty
- 25,000 mile lube interval

**Remanufactured**
- Economy
- 1 year/unlimited mileage warranty
- Longer service life compared to rebuilt
- Dual zerk

**ValueLine**
- Economy
- 1 year/unlimited mileage warranty
- All new components
- Dual zerk

**Advantage Series 7-spring VOC** – Eaton's softest dampers, standard for direct drive transmissions that are paired with single drive axles

**Advantage Series 7-spring VCT Plus** – Eaton's premium damper, high torque capabilities with best-in-class vibration control

**Advantage Series Pre-Dampers** – vibration at spinning neutral gear idle rattle (Pre-damper suffix in parentheses in the tables above)

Estimated shipping weights: 15.5" – 150 lbs, 14" – 140 lbs

| Clutch Torque lb-ft (must equal or exceed engine torque) | Eaton Clutch for Automated Transmission | |
|---|---|---|
| | Part No. | Product |
| 1750 | 121000-1 | Heavy-duty DM Clutch |
| 1850 | 122002-35A | Heavy-duty ECA Clutch and LCIB |
| 1650 | 104460-1 | 430mm Clutch |
| 1850 | 104461-1 | 430mm Clutch |

Please refer to the Roadranger Warranty Guide TCWY0900 for the latest warranty time and miles offering.

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CLUTCH REPAIR & ACCESSORIES


K-2468-TT


105C137


313P


127760P


SCB200


ST7028


HT150


274C6


274C28


3004P

| PN | DESCRIPTION |
|---|---|
| **CLUTCH PARTS & TOOL** | |
| 10-30P | Key |
| 105C137 | Yoke for Fuller RT Transmissions except Mack |
| 106C1046 | Long Shaft 9" Splined |
| 106C1047 | Long Shaft 9.5" Splined |
| 106C1094 | Long Shaft 8.5" Splined |
| 106C1185 | Short Shaft 5.75" |
| 106C1498 | Short Shaft 6.5" |
| 106C1529 | Long Shaft 8.31" |
| 106C617 | Long Shaft 10.5" Splined |
| 106C939 | Long Shaft 10" Splined |
| 106C953 | Long Shaft 9.75" Splined |
| 128C20 | Shaft Bushing |
| K2468 | Wear Components Kits for Cutch on Fuller RT Transmissions except Mack |
| K-2468-TT | K2468 plus 105C137 Yoke |
| **CLUTCH BRAKES** | |
| 312P | Quick Change Style — 1.75" |
| 313P | Quick Change Style — 2.00" |
| 127760P | 1-Piece — 2.00" |
| CB175 | Economy 1-Piece — 1.75" |
| CB200 | Economy 1-Piece — 2.00" |
| SB175 | Babcock 2-Piece — 1.75" |
| SB200 | Babcock 2-Piece — 2.00" |
| SCB175 | Hinged, Snap Close — 1.75" |
| SCB200 | Hinged, Snap Close — 2.00" |
| **CLUTCH ALIGNMENT TOOLS** | |
| HT150 | 1-1/2" 10 Spline, 0.98" Pilot |
| HT175 | 1-3/4" 10 Spline, 1.18" Pilot |
| HT175A | 1-3/4" 10 Spline, 0.98" Pilot |
| HT200 | 2" 10 Spline, 1.18" Pilot |
| ST7028 | Clutch Adjusting Wrench |
| **CLUTCH DRIVE LUGS** | |
| 274C6 | Standard Drive Lug |
| 274C28 | Threaded Drive Lug |
| 28P | Threaded Locknut for 274C28 |
| **CLUTCH ADJUSTER** | |
| 3004P | Converts Spicer Self-Adjuster |

## CLUTCH CABLE†

- Replacement prevents damage to clutch and transmission
- Direct replacement for a proper fit every time
- Clutch cable need to be replaced for vehicle to pass state inspections (where applicable)

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5604 | 924-5604 | 1990–2002 | Chevrolet, GMC | C60 Kodiak, C6500, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7500 Kodiak, C7500 Topkick |

## CLUTCH PULL ROD†

- Direct replacement ensures a proper fit every time
- Product packaging includes anti-seize compound for threads
- A proper functioning clutch rod is required to pass state inspection

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5107 | 924-5107 | 1996–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9600, 9700, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |

## CLUTCH STARTER SAFETY SWITCHES†

- No special tools required for installation
- Easy to install
- Vehicle try-on testing has been conducted to ensure trouble-free installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  901-5103 | 901-5103 | 2001–2016 | IC Corporation, International | 3300 Chassis, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8600, 8600 TranStar, ProStar, WorkStar 7600 |
| | 901-5207CD | 2007–2016 | Freightliner | Cascadia |
| | 901-0003 | 1985–2009 | Peterbilt | 378, 379 |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FLYWHEELS


TT100


TT1810855C93


TT530GB3145BM


TT3016495


TT1809144C91

| PN | APPLICATION | SIZE | BORE |
|---|---|---|---|
| TT100 | Flywheel Gauge | | |
| TT1265875 | CAT 3116/3126 | 14″ | 7″ |
| TT4P4797 | CAT 3406 | 15″ | 10″ |
| TT4P8515 | CAT 3176/C10/C12 | 15″ | 10″ |
| TT3921263 | Cummins 5.9L | 14″ | 7″ |
| TT3042787 | Cummins L10/M11 | 14″ Cup | 7″ |
| TT3071615 | Cummins M11 | 15″ | 10″ |
| TT3016495 | Cummins NT855 | 14″ Cup | 7″ |
| TT3071535 | Cummins NT855/N14 | 15″ | 10″ |
| TT23509709 | Detroit 60 Series | 15″ | 10″ |
| TT530GB3145BM | Mack E7 | 15″ | 10″ |
| TT530GB3170 | Mack E7 E-Tech | 15″ | 10″ |
| TT1818214C91 | Navistar 7.3/444E | 14″ | 7″ |
| TT1810855C93 | Navistar DT466 | 14″ | 7″ |
| TT1821915C91 | Navistar DT466 E | 14″ | 7″ |

## PILOT BEARINGS


306FF


306VV


306SSL

| PN | BORE INCHES | O.D. INCHES | WIDTH INCHES | SHIELD |
|---|---|---|---|---|
| 205SFF | .984 | 2.047 | .590 | Dual Stainless |
| 206SS | 1.181 | 2.441 | .633 | Dual Stainless |
| 305SS | .986 | 2.441 | .669 | Dual Stainless |
| 306FF | 1.181 | 2.834 | .748 | Dual Neoprene |
| 306SSL* | 1.181 | 2.834 | .748 | Dual Stainless |
| 306VV | 1.181 | 2.834 | .748 | Dual Hi Temp Viton |
| TT306VVL* | 1.181 | 2.834 | .748 | Dual Hi Temp Viton |

* With Locking Ring

## CENTER BEARINGS

| | POWER PRODUCTS PN | SVL® PN | SPICER® PN | MERITOR® PN | DESCRIPTION | BORE | | CENTER LINE INCHES | BOLT HOLE INCHES |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | INCHES | MM | | |
|  5003323 | CB084 | 210084-2XV | 210084-2X | CB210084-2X | 1550 Series | 1.17717 | 45 | 2.710 | 7.600 |
| | CB121 | 210121-1XV | 210121-1X | *CB210121-1XSA | 1710 On Hwy | 1.9685 | 50 | 2.810 | 7.620 |
| | CB391 | 210391-1XV | 210391-1X | CB210391-1X | 1410 Series | 1.5748 | 40 | 2.479 | 6.625 |
| | CB661 | 210661-1XV | 5003323 | *CB210661-1XSA | 1810 On Hwy | 2.3622 | 60 | 3.370 | 8.630 |

* NOTE: Self aligning design can NOT be replaced with older non-self aligning design.

## UNIVERSAL JOINTS

| HD VALUE PN | DESCRIPTION | SPICER CROSS |
|---|---|---|
| HD5676X | U-Joint 1810 Series 1/2 Round | 5-676X |
| HD2503X | U-Joint SPL250 Series | SPL250-3X |
| HD5281X | U-Joint 1810 | 5-281X |
| HD5675X | U-Joint 1710 HR | 5-675X |
| HD5280X | U-Joint 1710 | 5-280X |
| HD5677X | U-Joint 1760 HR | 5-677X |
| HD5407X | U-Joint 1760 Series | 5-407X |
| HD5103X | U-Joint 100 Series | 5-103X |
| HD5153X | U-Joint 1310 | 5-153X |
| HD5160X | U-Joint 1410 | 5-160X |
| HD5178X | U-Joint 1350 | 5-178X |
| HD5279X | U-Joint 1610 | 5-279X |
| HD5170X | U-Joint 1000 PTO | 5-170X |
| HD5674X | U-Joint 1610 HR | 5-674X |
| HD53147X | 3R U-Joint | 5-3147X |
| HD5155X | U-Joint 1550 | 5-155X |
| HD5188X | U-Joint 1480 | 5-188X |



| SVL® PN | DESCRIPTION | SPICER CROSS | MERITOR CROSS |
|---|---|---|---|
| 15-676X | U-Joint 1810 Series 1/2 Round | 5-676X | M676X |
| N/A | U-Joint SPL250 Series | SPL250-3X | US250X |
| 15-281X | U-Joint 1810 | 5-281X | M281X |
| 15-675X | U-Joint 1710 HR | 5-675X | M675X |
| 15-280X | U-Joint 1710 | 5-280X | M280X |
| 15-677X | U-Joint 1760 HK | 5-677X | M677X |
| 15-407X | U-Joint 1760 Series | 5-407X | M407X |
| N/A | U-Joint 100 Series | 5-103X | N/A |
| 15-153X | U-Joint 1310 | 5-153X | CP153X |
| 15-160X | U-Joint 1410 | 5-160X | CP160X |
| 15-178X | U-Joint 1350 | 5-178X | CP178X |
| 15-279X | U-Joint 1610 | 5-279X | M279X |
| 15-170X | U-Joint 1000 PTO | 5-170X | CP170X |
| 15-674X | U-Joint 1610 HR | 5-674X | M674X |
| 15-3147X | 3R U-Joint | 5-3147X | N/A |
| 15-155X | U-Joint 1550 | 5-155X | CP155X |
| 15-188X | U-Joint 1480 | 5-188X | CP188X |

## SHAFTS


P6-53-311


P6-40-541

| PN | SERIES | MTR® CROSS | NPC® CROSS |
|---|---|---|---|
| **MID-SHIP SHAFTS** | | | |
| 6-53-311 | 1710 | 17N-53-311 | N6-53-311 |
| **STUB SHAFTS** | | | |
| 6-40-521 | 1710 | 17N-40-521 | N6-40-521 |
| 6-40-541 | 1710 | 17N-40-541 | N6-40-541 |

## SHAFT SLEEVES

- Hard chrome finish delivers superior durability compared to other brands
- Wear resistant for longest life
- Friction resistant to conserve power
- Low profile to accommodate even multi-lip oil seals



| POWER PRODUCTS PN | MIN. SHAFT DIAMETER | MAX. SHAFT DIAMETER | WIDTH | LENGTH | INSTALL TOOL DEPTH |
|---|---|---|---|---|---|
| 99138 | 1.368 | 1.374 | 0.500 | 0.625 | 1.000 |
| 99176 | 1.759 | 1.767 | 0.562 | 0.688 | 1.032 |
| 99187 | 1.869 | 1.878 | 0.562 | 0.688 | 1.250 |
| 99225 | 2.247 | 2.255 | 0.780 | 0.937 | 1.375 |
| 99237 | 2.372 | 2.380 | 0.780 | 0.937 | 1.375 |
| 99250 | 2.497 | 2.506 | 0.780 | 0.937 | 1.500 |
| 99262 | 2.623 | 2.631 | 0.780 | 0.937 | 1.500 |
| 99274 | 2.743 | 2.751 | 0.780 | 0.937 | 1.375 |
| 99275 | 2.748 | 2.756 | 0.780 | 0.937 | 1.375 |
| 99287 | 2.871 | 2.879 | 0.780 | 0.937 | 1.375 |
| 99293 | 2.935 | 2.943 | 0.780 | 0.938 | 1.500 |
| 99300 | 2.998 | 3.006 | 0.812 | 1.000 | 1.500 |
| 99325 | 3.248 | 3.256 | 0.812 | 1.000 | 1.500 |
| 99350 | 3.498 | 3.506 | 0.812 | 1.000 | 1.500 |
| 99362 | 3.621 | 3.629 | 0.812 | 1.000 | 1.750 |
| 99372 | 3.748 | 3.756 | 0.688 | 0.875 | 1.875 |
| 99395 | 3.995 | 4.006 | 0.600 | 0.725 | 2.125 |
| 99399 | 3.995 | 4.006 | 0.812 | 1.000 | 2.125 |
| 99599 | 3.992 | 6.004 | 1.000 | 1.250 | 2.030 |

## YOKES



6-3-2671KX



6-4-6001X



6-28-347

| SPICER® PN | DESCRIPTION | MERITOR® CROSS | NPC® CROSS |
|---|---|---|---|
| **YOKES** | | | |
| 10-4-123 | 1000 SRS Round End Yoke — 2.5″ × 2″ | 10N-4-123 | — |
| 10-4-93 | 1000 SRS Round End Yoke — 2.5″ × 1.63″ | 10N-4-93 | — |
| 2-28-437 | 1310 SRS Tube Weld Yoke — 3″ × .083″ | 131N-28-437 | — |
| 2-4-533 | 1310 SRS Round End Yoke — 1.25″ × 2.56″ | 131N-4-533 | — |
| 6-28-347 | 1710 SRS Tube Weld Yoke — 4″ × .134″ | 17N-28-347 | — |
| 6-3-2651KX | 1710 SRS Slip Yoke — 2.5″ × 16 Spline | 17N-3-2651XMXL | — |
| 6-40-521 | 1710 SRS Spline Plug — 2.5″ × 16 Spline | 17N-40-521 | — |
| 6.5-28-117 | 1810 SRS Tube Weld Yoke — 4.5″ × .134″ | 18N-28-117 | — |
| 250-4-351-1x | SPL250 End Yoke | 250TYS382A | — |
| **SLIP – 16 SPLINE** | | | |
| 6-3-2671KX | 1710 SRS w/ Grease Boot | 17N-3-2671KX | N6-3-2671KX |
| 6.3-3-41KX | 1760 SRS w/ Grease Boot | 176N-3-41KX | N6.3-3-41KX |
| **END** | | | |
| 6-4-6001X | 1710 SRS RS/RT341-381-401-402 | 17N-4-6001X | N6-4-6001X |
| 6-4-6041X | 1710 SRS DS/DT341-381-401-402 | 17N-4-6041X | N6-4-6041X |
| **WELD** | | | |
| 6-28-347 | 1710SRS 4″/.134″ | 17N-28-347 | N6-28-347 |
| 6.3-28-17 | 1760 SRS | 176N-28-17 | N6.3-28-17 |
| 6.5-28-117 | 1810 SRS 4.5″/.134″ | 18N-28-117 | N6.5-28-117 |

## MANUAL TRANSMISSIONS

- **ALL builds are conducted by an Eaton® Authorized Rebuilder.**
- **EVERY core is 100% disassembled, eliminating keyway failures and gear spin.** It also ensures perfect timing of gears for assembly. The teardown of shift covers eliminates shift failures and allows for full inspection of shift rails, detents and inter-locks. Springs and poppets are replaced.
- **Key parts are replaced with NEW, not re-used:**
- NEW, OEM-approved bearings. Transmission longevity starts with bearing life.
- NEW entire air system, ensuring transmission shifts at the OEM air pressure — no slow or sluggish shifting or range shifts.
- NEW input shafts, ensuring 100% spline life and 100% fit to flywheel pilot bearing.
- NEW sliding clutches and synchronizers, critical to main shaft gear life and avoiding premature fork wear.
- **ALL units are dyno tested while under load.** This simulates actual service use and brings it up to operating temperature where shift quality can be verified.

| | PN | MINIMUM SHAFT DIAMETER | APPLICATIONS INCLUDE | |
|---|---|---|---|---|
|  | FRO16210C | Fuller 10-Speed | • Clark | • International |
| | RTLO16913A | Fuller 13-Speed 1650 Torque | • Dana / Spicer | • Mack |
| | RTLO18913A | Fuller 13-Speed 1850 Torque | • Ford | • Meritor |
| | RTLO18918B | Fuller 18-Speed | • Fuller | • New Process |
| | | | • GMC | • New Venture |

## AUTOMATIC TRANSMISSIONS

- **ALL builds are conducted by an Allison Authorized Overhaul Dealer.**
- **EVERY transmission is 100% disassembled.** Missing a worn spline or leaving a small fragment inside a transmission will cause premature failure.
- **ONLY Genuine Allison components are used.** Solenoids, seals, filters, clutch plates and bearings are made to last.
- **ALL AT 545 transmissions are remanufactured with a NEW Genuine Allison torque converter.**
- **ALL units are dyno tested while under load.** This simulates actual service use and brings it up to operating temperature where shift quality can be verified.

| | PN | DESCRIPTION | APPLICATIONS |
|---|---|---|---|
|  | AT545Series | Light-Duty Truck School Bus | All models of Light, Medium and Heavy Duty Transmissions are Remanufactured |
| | MT643Series | Medium-Duty Truck | |

## SHIFT KNOBS & VALVES



ATV6913



ATV4490



ATV5000



16743



ATV3546



A4740

| PN | CROSS | DESCRIPTION |
|---|---|---|
| **SHIFT KNOBS** | | |
| ATV6909 | A6909, A5010 | FR/FRO/RT/RTO 8-10-Speed |
| ATV6910 | A6910, A5510 | RTLO 10-Speed |
| ATV6913 | A6913, A4900 | RT/RTLO 13-Speed |
| ATV6915 | A6915, A5015 | RT/RTO 8LL 15-Speed & 6613 |
| ATV6918 | A6918, A5013 | RTLO 18-Speed |
| **SELECTOR VALVES** | | |
| ATV4487 | A4487 | Selector Valve — 3 Positions, 9-Speed |
| ATV4490 | A4490 | Selector Valve — 3 Positions, 13-Speed |
| A4491 | A4491 | Selector Valve — 2 Positions, 9-Speed |
| **SLAVE VALVES** | | |
| A4688 | A4688 | Slave Valve, Early Model |
| ATV5000 | A5000 | Slave Valve |
| **REGULATORS/RANGE VALVES** | | |
| 16743 | 16743 | Air Regulator — Early Model — Setting 60 + 2.5 psig |
| K2170 | K2170 | Filter/Regulator Assembly — Setting 63 psig |
| ATV4740 | A4740 | Filter/Regulator Assembly — Setting 63 psig |
| ATV3546 | A3546 | Up/High — Down/Low Range Valve |

## TRANSMISSION PARTS — FULLER



20550



16980



K-2061



K-1783



15918

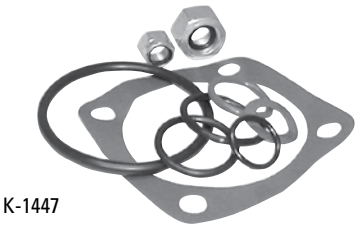


16118

| PN | DESCRIPTION |
|---|---|
| **RETAINER** | |
| 20550 | 2" Pull Snap Ring Style |
| **SYNCHRONIZER** | |
| K-3494 | Synchronizer w/ 20323 Hub |
| **NUTS/SNAP RINGS** | |
| 8997 | Round Input Nut |
| 14750 | Snap Ring M/S Gears 11-12-14-15 Series |
| 16723 | Auxiliary Snap Ring C/S |
| 16980 | Snap Ring For Input Shaft |
| **GASKETS/BUSHING** | |
| K-1603 | Auxiliary Gasket Set |
| K-1783 | Gasket Set 9-11-12-14-15 Series |
| K-2061 | Gasket Set 9-10-15 Speed |
| K-2199 | Gasket Set 9-11-12-14-15 |
| 12815 | Bushing Bell Housing |
| 14335 | Gasket Auxiliary to Main Case |
| 20822 | Gasket Bell Housing |
| **AUXILIARY DRIVE GEARS** | |
| 23159 | Auxiliary D/G 11-15715-11707LL |
| 4302041 | Auxiliary D/G 16713 |
| 4302435 | Auxiliary D/G FRO Series |
| 4302695 | Auxiliary D/G 11/12/13/14/15/18610 Ratios |
| **FORKS/SPRING** | |
| 15918 | Cover Spring — Orange |
| 16136 | Cover Fork Mulitple Applications |
| 18922 | Cover Fork Multiple Applications |
| 20450 | Cover Fork Multiple Applications |
| **SLIDING CLUTCH/COUPLERS** | |
| 16118 | Main Box 11-12-14 Series — Various |
| 4300907 | Aux. Slide RTLO 12(14)(16) 713/14(16) (18) 718/14(16) (18) 918 |
| 4300924 | Synchronizer Clutch FRO Series |
| 4301840 | Synchronizer Clutch Multiple Applications |
| 4302265 | Main Clutch FRO Series |
| 4303859 | Coupler Late Replaces 19131 |
| 4304014 | Mainbox Clutch FRO Series |
| 4304317 | Replaces 22026 Narrowed Fork Groove |

## TRANSMISSION PARTS — FULLER, continued


14749


K-1447


S-1659

| PN | DESCRIPTION |
|---|---|
| **WASHERS/SPACERS/KEYS** | |
| 14749 | M/S Spacer 11-12-14-15 — Black |
| 16463 | Input D/G Bearing Spacer Various Applications |
| 21664 | M/S Washer 918 Series |
| 4302398 | M/S Washer 918 Series |
| 4303603 | M/S Washer 918 Series |
| 4304614 | M/S Key Replaces 4300890 |
| 4304615 | M/S Key Replaces 4300120 |
| K-2366 | Key & Washer Kit Various Applications |
| **REPAIR KITS** | |
| K-1447 | O-Ring Kit-Range / Reducer Splitter 13-15 Speeds |
| K-1450 | O-Ring Kit-Range 9-10-13-15 Speeds |
| K-1699 | Slave Repair Kit, Early, A4688 |
| K-1935 | Slave Repair Kit, Late, A5000 |
| K-2256 | Output Seal Kit, Various Applications |
| K-2262 | Output Seal & Slinger Kit Various Applications |
| K-3494 | Replacement Kit, Sliding Clutch |
| **INPUT SHAFTS** | |
| S-1659 | 2" Pull Snap Ring Style |
| S-2822 | 2" Pull — w/ Bushing |

## DIFFERENTIALS

- EVERY differential is 100% disassembled. ALL parts and components are inspected
- 100% replacement of ALL wear parts, including bearings, seals, bolt kits, snap rings, and shims
- ONLY gears that meet OEM specifications are used
- OEM specification levels define salvage criteria
- Cases are inspected and machined to OEM levels

**Applications Include:**
- Clark
- Eaton
- International
- Meritor
- Dana/Spicer
- GMC
- Mack



| PN | APPLICATION / DESCRIPTION |
|---|---|
| 113743 | Eaton — 2-Speed Transmission Kit w/ Harness |
| 120750 | Eaton — 2-Speed Transmission Kit w/o Harness |
| DS404-355 | Spicer — 355 Ratio |
| DS404-370 | Spicer — 370 Ratio |
| RD20145-358 | Meritor — 358 Ratio |
| RD20145-373 | Meritor — 373 Ratio |

## DIFFERENTIAL PARTS — SPICER®

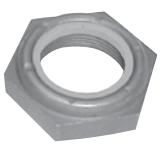

115122


113745P


46526


85994


34779


95204


70745

| PN | DESCRIPTION |
|---|---|
| **SHAFTS** | |
| 115122 | Input Shaft 381-402 No Pump Stamp #110823 |
| 122418 | Input Shaft 461-581 Stamp #119990 |
| 216227 | Output Shaft 404-454/DSH/P40 Stamp #127646 |
| **SHIFT PARTS** | |
| 40635 | Shift Motor — Early |
| 113744P | Shifter Circuit Board |
| 113745P | Shift Motor — Late |
| 122000 | Shift Repair Kit — Early |
| EL52261 | 2-Speed Shift Switch & Knob |
| **SNAP/O-RINGS** | |
| 46526 | O-Ring Output 34-402 |
| 85994 | Snap Ring Output 380-402/44-581 |
| 85997 | Snap Ring Input 380-402 |
| **COMPENSATOR PARTS** | |
| 34779 | Inter Lock Cylinder Kit |
| 102613 | Inter Lock Fork w/ Pump 340-402 |
| 121681 | Inter Axle Assembly 461-581 |
| 127510 | Inter Lock Clutch 404-454 |
| 127645 | Output Side Gear 404-454 DSH/P40 |
| 128042 | Helical Gear & Bushing 381-402 |
| **NUTS/BOLTS** | |
| 70745 | Kit 17-461, 12 Bolts, Nuts & Washers |
| 95203 | 20 Thread, 1" |
| 95204 | 18 Thread, 1-1/8" |
| 95205 | 12 Thread, 1-1/4" |
| 95206 | 18 Thread, 1-1/2" |
| 95207 | 18 Thread, 1-5/8" |
| 95209 | 12 Thread, 1-7/8" |
| 95262 | Pinion Nut 23220-26220/44 |
| 126182 | Slotted Pinion Nut 461 |
| 128049 | Metric Nut 404 |
| 210508 | Output Nut 461 |

## DIFFERENTIAL PARTS — INTERNATIONAL® / ROCKWELL® / MERITOR®


38289


2234C783


1199R2176


1227C939

| PN | DESCRIPTION |
|---|---|
| **MAIN NEST COMPONENTS** | |
| 38289 | Differential Cross 17/18/34-402 |
| 110527 | Side Gear 381-402 |
| **INTERNATIONAL — NUTS/RIVETS** | |
| 1696994C91 | Bolt Kit N400 |
| **ROCKWELL MERITOR NEST COMPONENTS** | |
| 2233J1024 | Pinion Gear 20-145 |
| 2234C783 | Side Gear SQ100/QHP, 41 Spline |
| 3278S305 | Cross QD100/QHP/SQHD |
| **BOLT KITS** | |
| KIT2317 | 20-145 |
| **COMPENSATOR GEAR KITS** | |
| 2234R1188 | Output Side Gear 20-145 |
| 3892R4932 | Helical Input 20-145 |
| MPS3344 | Kit QHP/QD-100, Non Pump |
| **MAIN DIFFERENTIAL NESTS** | |
| 114470 | 381-402 Series, 41 Involute |
| 216229 | 404-405, 41 Involute |
| **NUTS/RETAINERS/SNAP RINGS** | |
| 1199R2176 | Adjustable Lock Pin SQHD/QD-100/QHP |
| 1199M2457 | Adjustable Lock Pin SSHD |
| 1227N898 | Nut Pinion SQHD/QD-100/QHP |
| 1227Q901 | Output Nut QD-100/QHP |
| 1227R902 | Input Nut QD-100/QHP |
| 1227Z936 | Nut Idler & T-Shaft SQHD/Pinion QHR |
| 1227A937 | Input Nut SQHD Fine |
| 1227C939 | Nut Pinion F Series |
| 1227D940 | Input Nut & Pinion SSHD |
| 1227J946 | Input Nut SQHD Coarse |
| 1229A1301 | Snap Ring Pinion SQHD/QD-100/QHP |
| 40-X-1237 | Pinion Nut RR20-145 O/P Front |
| **MAIN DIFFERENTIAL KIT** | |
| KIT2310 | Differential Kit 20-145, Side Gear 2234U1269 |

## AIR SHIFT VALVE†

- Replacement restores full functionality to the transmission
- Easy to install — no special tools necessary for installation
- This part has undergone Vehicle Try-on testing to meet product standards and quality

| | PN | DESCRIPTION |
|---|---|---|
| 455-5007CD  | 455-5007CD | Air Shift Valve |

## ENGINE COMPONENTS†

- Coated for high corrosion resistance and increased protection against the elements
- Durable aluminum construction for long-lasting performance
- Direct replacement for a proper fit every time

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
| 918-5602  | 918-5602 | Transmission Oil Cooler | 2005–2010 | Workhorse | Step Van |

- No special tools required for installation
- Direct replacement
- Manufactured to strict engineering quality standards

| | PN | DESCRIPTION | YEAR | MAKE |
|---|---|---|---|---|
|  924-5213CD | 924-5213CD | Rear Differential Breather Kit | 1981–2014 | Freightliner |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ENGINE CYLINDER HEADS

- Manufactured in a ISO/TS 16949 facility
- All cylinder heads go through a rigorous 10-phase inspection and manufacturing process
- Each phase is documented and signed off on by trained quality assurance technicians
- All guides are replaced with NEW GUIDES
- All springs are replaced with NEW SPRINGS
- All cam bearings are replaced with NEW CAM BEARINGS
- All threaded holes are re-threaded to ensure ease of installation
- During the 3-angle valve seat machining process, each head is vacuum tested with the valved installed to assure perfect valve seat sealing
- After final assembly each head is again inspected for clean threaded bolt holes, surface finished and final inspection sign off

| | PN | APPLICATION / DESCRIPTION |
|---|---|---|
|  | HD126C | C15 Engine Cylinder Head |
| | HD124C | C12 Engine Cylinder Head |
| | HD131C | C15 Acert Engine Cylinder Head |
| | HD115C | 3406E Engine Cylinder Head |
| | HD125C | C13 Engine Cylinder Head |
| | HD318C | Series 60 Copper Tubes Engine Cylinder Head |
| | HD319C | Series 60 Stainless Tubes Engine Cylinder Head |
| | HD213C | ISX DOHC Engine Cylinder Head |
| | HD219C | ISX SOHC Engine Cylinder Head |
| | HD505C | DT466E Engine Cylinder Head |
| | HD210C | Cummins N14 |
| | HD211C | Cummins 855 BIG-CAM I-III |

## GASKETS



1685248



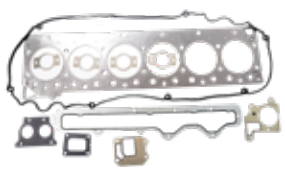
1425867



2818261



A3032861



A4376104

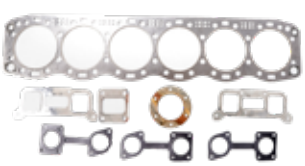
| | PN | DESCRIPTION | ENGINE CODE |
|---|---|---|---|
| | **CATERPILLAR** | | |
| | 1685248 | Oil Pan Gasket | C15 |
| | 4N1151 | Oil Pan Gasket-Puzzle Type | 3406 |
| | 5P5678-3 | Valve Cover Gasket — Cut-to-Fit | C |
| | 5P5678-6 | Valve Cover Gasket — Cut-to-Fit | C |
| | 5P5678-9 | Valve Cover Gasket — Cut-to-Fit w/ Ebrake | Various |
| | 2429537 | Valve Cover Gasket — 3-Piece Cover | 3406E |
| | AFA-HS3406E | Head Gasket Set (1LW,5EK,6NZ,9NZ) | 3406E |
| | 3590908 | Head Gasket | 3406/C15 |
| | AFA-HSC15-1 | Head Gasket Set (BXS/MXS/WXS) | C15 |
| | AFA-OHG3406E-1 | Overhaul Gasket Set | 06EC15 |
| | AFA-OHGC15-1 | Overhaul Gasket Set | 06EC15 |
| | AFA-OHGC15-2 | Overhaul Gasket Set | C15ACR |
| | 1425867 | Front Crankshaft Seal | 3406/C15 |
| | 1425868 | Rear Crankshaft Seal | 3406/C15 |
| | 2818261 | Exhaust Gasket & Sleeve/Tube Assembly | C15 |
| | IF3406E-1 | Kit Inframe Contains 1807352 Piston Crown | 3406E |
| | IF3564787 | Kit Inframe Contains 3564787 Piston, S/N BXS/MXS/WXS ACERT | C15 |
| | IFC15-1 | Kit Inframe Contains 1807352 Piston Crown | C15 |
| | AFA-IFG3406E | Kit Inframe OH 1LW, 5EK | 3406E |
| | AFA-IFGC15 | Kit Inframe OH 6NZ, 9NZ | C15 |
| | AFA-IFGC15-1 | Kit Inframe OH BXS/MXS/WSX | C15 |
| | AFA-IFGC15-2 | Kit Inframe OH SDP | C15 |
| | **CUMMINS** | | |
| | A3032861 | Oil Pan Gasket — One Piece | N14 |
| | A3099083 | Oil Pan Gasket | N14 |
| | A4026684 | Oil Pan Gasket | ISX |
| | A4026507 | Valve Cover Gasket | ISX |
| | A4376104 | Head Gasket Set (HPCR Engines) | ISX/QSX |
| | A4955595 | Head Gasket Set (Non-EGR up to S/N 14022616) | ISX |
| | A4955596 | Head Gasket Set (EGR Engines) | ISX |
| | A4089368 | Head Gasket Set (STC Fuel System) | N14 |
| | A4089371 | Head Gasket Set (Celect System) | N14 |
| | A4024945 | Head Gasket Set (Check Engine S/N) | NT |

## GASKETS, continued


A4089542

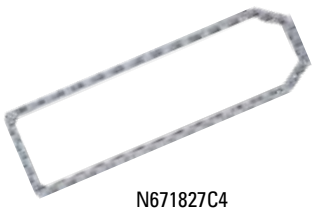

A2881766


D23511991


D23538506

| PN | DESCRIPTION | ENGINE CODE |
|---|---|---|
| **CUMMINS, continued** | | |
| A4058790 | Head Gasket | N14 |
| A2864080 | Head Gasket | L10/M11 |
| A3685834 | Head Gasket | ISX |
| A4089542 | Rear Crankshaft Seal | L10 |
| A4089544 | Rear Crankshaft Seal | L10 |
| A4955383 | Front Crankshaft Seal | ISX |
| AFA-ISXEXG | Exhaust Manifold Gasket Set | ISX/QSX |
| AFA-ISXGCSK | Camshaft Gasket & Seal Kit — DOHC Engine | ISXQSX |
| AFA-ISXGCSK-SC | Camshaft Gasket & Seal Kit — SOHC Engine | ISX/QSX SOHC |
| A4962722 | Front Cover Gasket — Upper | ISX |
| A4025068 | Lower Gasket Set (Check Serial Number) | N14 |
| A4025069 | Lower Gasket Set (Check Serial Number) | N14 |
| A4955591 | Lower Gasket Set EGR Engine | ISX |
| A2881766 | Lower Gasket Set HPCR Engines(DOHC/SOHC) | ISX |
| IF3803742 | Inframe OH Kit | N14 |
| IF2881879 | Inframe OH Kit | ISX |
| **DETROIT DIESEL** | | |
| D23522279 | Oil Pan Gasket | S60 |
| D8929102 | Oil Pan Gasket | S60 |
| D23511991 | Valve Cover Gasket — Upper — 2.3 Piece | S60 |
| D23511992 | Valve Cover Gasket — Upper — 3 Piece | S60 |
| D23516322 | Valve Cover Gasket — Lower | S60 |
| D23522269 | Valve Cover Gasket — Lower — 1 Piece | S60 |
| D23532333 | Head Gasket Set (Non-EGR) | S60 |
| D23536442 | Head Gasket Set (EGR) | S6014L |
| D23538406 | Head Gasket | S6014L |
| D23538506 | Head Gasket Set (2007 — Up EGR) | S60 07 |
| D23532720 | Overhaul Gasket Set — EGR Engines — w/o Head Bolts | S60 |
| D23518355 | Front Crankshaft Seal | S60 |
| D23516969 | Rear Crankshaft Seal — Tefon Lip | S60 |
| D23501580 | Injector Tube Kit — 6 Required | S60 |
| D23530768 | Cylinder Head Bolt — 38 Required | S60 |
| IF23532555W | Kit Inframe 12.7l Crosshead Piston w/ Wide Rod Bearing | S60 |
| IF23532554 | Kit Inframe 12.7l Steel Crown/Aluminum Skirt | S60 |
| IF23533596 | Kit Inframe 14.0L | S60 |
| IF23536256 | Kit Inframe 14.0L | S60 |

## GASKETS



N671827C4



N675109C3



N1809964C92

| | PN | DESCRIPTION | ENGINE CODE |
|---|---|---|---|
| | **NAVISTAR** | | |
| | N1826587C1 | Oil Pan Gasket — DT466E, DT466P | DT406 |
| | N671827C4 | Oil Pan Gasket | DT466 |
| | N1817510C1 | Valve Cover Gasket — DT466P | DT466E |
| | N1820909C2 | Valve Cover Gasket — DT466E | DT466E |
| | N675109C3 | Valve Cover Gasket | DT466 |
| | N1817255C95 | Head Gasket Set | DT360 |
| | N1822328C95 | Head Gasket Set — DT466P | DT466 |
| | N1824970C99 | Head Gasket Set — DT466E | DT466E |
| | N1830720C94 | Head Gasket Set — DT466E | DT466E |
| | N1830721C96 | Head Gasket Set — DT466E | DT466E |
| | N1817254C96 | Head Gasket Set | DT466 |
| | N1817562C4 | Head Gasket | DT466E |
| | N1819547C1 | Head Gasket | DT466 |
| | N1809964C92 | Rear Crankshaft Seal | DT466 |
| | N690437C95 | Front Crankshaft Seal — DT466EP | DT466 |
| | N1822577C1 | Intake Manifold Gasket | DT466E |
| | N1824984C95 | Front Cover Gasket Set — DT466E | DT466E |
| | N1825436C1 | Exhaust Manifold Gasket — DT466P | DT466 |

## ENGINE KITS

MAHLE

| ENGINE | PN | DESCRIPTION |
|---|---|---|
| **ON ROAD INFRAME KITS** | | |
| Caterpillar 3406 | 456-5007 STD | With 7E0539 Aluminum Piston |
| | 456-5031 STD | With 2900017 Aluminum Piston |
| | 456-5036 STD | With 7E8700 Aluminum Piston |
| | 456-5040 STD | With 9Y9889 Aluminum Piston |
| | 456-5046 STD | With 1010016 Aluminum Piston |
| Caterpillar 3406E | 456-5049 STD | With 1807352 Ferrotherm Crown and 1326663 Skirt |
| Caterpillar C15 | 456-5089 STD | With 3564787 Monotherm Piston, Isolator Pan Gasket |
| Cummins 855 Premium | 459-5020 STD | With 3801779 Sleeve Assembly, Big Cam Rods |
| | 459-5023 STD | With 3801780 Sleeve Assembly, Big Cam Rods |
| | 459-5042 STD | With 3801774 Sleeve Assembly, Big Cam Rods |
| Cummins 855 Dual-NI | 459-5230 STD | With 3803346 Sleeve Assembly, Big Cam Rods |
| Cummins 855 N14 Articulated | 459-5443 STD | With 3803742 Sleeve Assembly |
| | 459-5441 STD | With 3804636 Sleeve Assembly |
| Detroit Diesel 12.7L 60 Series Gen 3 | 468-5100 STD1 | With 23532562 Sleeve Assembly. 22mm, Heavy Pin, 16.5:1 CR, Premium Kit |
| Detroit Diesel 14.0L 60 Series | 468-5133 STD1 | With 23538831 Monotherm Sleeve Assembly |
| Mack-Volvo MP8, D13 | 480-5021 STD2 | With 20928630 Sleeve Assembly |
| Mercedes-Benz OM460, MBE4000 | 486-5046 STD3 | With A4600303337 Sleeve Assembly, EPA04- To S/N 813071, With Non-Grommet Head Gasket |
| | 486-5047 STD3 | With A4600303537 Sleeve Assembly, EPA04- S/N 813071-866442, With Non-Grommet Head Gasket |
| | 486-5048 STD3 | With A4600303537 Sleeve Assembly, EPA04- S/N 813071-866442, With Grommet Head Gasket |
| Navistar DT466A, B, C (OE#1825442C92) | 489-5001 STD | With 1817645C94 Sleeve Assembly, 3 Ring, S/N 75000 to 439617, 1.200" (Narrow) Rod Bearing |
| | 489-5004 STD | With 1817645C94 Sleeve Assembly, 3 Ring. S/N 439619 to 532983 (New Generation), 1.260" (Wide) Rod Bearing |
| Navistar DT466E (OE#1841391C94) | 489-5016 STD | With 1825690C93 Sleeve Assembly, 95-99, S/N 990821 To 1194038 , 175, 190, 210 Standard Torque, 195 High Torque |
| Navistar DT466E (OE#1833446C97) | 489-5017 STD | With 1824966C92 Sleeve Assembly, 93-99, From S/N 933834 To 1126948, 230 Standard Torque, 210, 230, 250 High Torque, 2 Top Rings Keystone |
| Navistar DT466P, NGD (OE#1850011C92) | 489-5019 STD | With 1824823C92 Sleeve Assembly, 95-97, From S/N 888341 To 933833, 175, 190, 210, 230, Standard Torque, 195, 210 High Torque, Only Top Ring Keystone |
| Navistar DT466E Big Bore (OE#1888653C95) | 489-5030 STD | With 1836192C98 Sleeve Assembly, 00-04, S/N 1194039 to 2000000 HEUI, 215HP and Below High Torque |
| Navistar DT466E Big Bore (OE#1836299C96) | 489-5029 STD | With 1836299C97 Sleeve Assembly00-04, HEUI, S/N 1194039 To 2,000,000, 230, 250 Standard Torque, 230, 250 High Torque |

## ENGINE KITS, continued

MAHLE

| ENGINE | PN | DESCRIPTION |
|---|---|---|
| **ON ROAD PISTONLESS OVERHAUL KITS** | | |
| Detroit Diesel 14.0L 60 Series | 468-1130 STD5 | Premium, Pistonless Kit |
| **ON ROAD OVERHAUL KITS** | | |
| Cummins 855 N14 Articulated | 459-1483 STD | With 3803742 Sleeve Assembly, BC Rods |
| Detroit Diesel 12.7L 60 Series Gen 3 | 468-1100 STD4 | With 23532562 Sleeve Assembly, 22 mm, Heavy Pin, 16.5:1 CR, Premium Kit |
| Mack E7 | 480-1017 STD | With 215SB217E Ferrotherm Sleeve Assembly |
| | 480-1018 STD | With 215SB219E Ferrotherm Sleeve Assembly |
| Navistar DT466A, B, C | 489-1004 STD | With 1817645C94 Sleeve Assembly, 3 Ring. S/N 439619 to New Generation, 1.260" Wide Rod Bearing |
| **OFF ROAD INFRAME** | | |
| Allis-Chalmers D3400, D3500, D3700, 2261470 | 400-5002 STD | With 4036682 Sleeve Assembly |
| **OFF ROAD OVERHAUL** | | |
| Allis-Chalmers 649T | 400-1016 STD | With 4009253 Sleeve Assembly |
| Case A504BD | 403-1036 STD | With A166134 Sleeve Assembly |
| Case G207D | 403-1027 STD | With A46382 Sleeve Assembly |
| Case 188D | 403-1005 STD | With A151995 Sleeve Assembly |
| John Deere 4-276T, 4045T | 427-1020 STD6 | With RE19832 Sleeve Assembly |
| John Deere 4-239D, 4039D | 427-1014 STD6 | With RE30250 Sleeve Assembly |
| John Deere 6076 | 427-1065 STD6 | With RE60294 Sleeve Assembly |
| Detroit Diesel 3-53N | 468-1018 STD | With 5198899 Sleeve Assembly |

**Parts Beyond Sleeve Assemblies, Bearings and Standard Gaskets**

1. Cam Bearings, Valve Cover Gaskets, Injector O Rings and Head Bolts
2. Oil Filter, Fuel Filter, Thermostat
3. Intake Manifold Gaskets, Injector O Rings, Oil Filter, Fuel Filter, Thermostat
4. Front and Rear Seals, Cam Bearings, Injector O Rings and Head Bolts
5. Liners with O Rings, Piston Rings, Main Bearings, Rod Bearings, Full Gasket Set, Cam Bearings, Piston Oilers
6. Front and Rear Seals, Rod Bolts

## EZ OIL DRAIN™ VALVE†

- Hose end size: H002 (Straight) or L002 (L Shape) Hose ID 5/8"
- Replaces your drain plug
- Turn the lever to drain oil
- Drain clean with ease
- Nickel-plated forged brass body
- Embedded high-temperature Viton™ O-ring seal
- Detachable straight or 90° hose ends – 4 SKUs cover all valve sizes
- Adapters with Viton O-ring seal for recessed oil pans
- Plastic lever cover for better grip
- Optional threaded safety caps for all valve sizes



EZ OIL DRAIN VALVE



***With*** the EZ Oil Drain Valve System



***Without*** the EZ Oil Drain Valve System

| | PN | ENGINE | THREAD SIZE | DRAIN HOLE ID |
|---|---|---|---|---|
| **MEDIUM BODY SIZE** | | | | |
| | EZ202 | Detroit Diesel | NPT 1/2-14 | 9.0 mm |
| | EZ204 | Caterpillar, Ford | 3/4"-16 UNF | 9.0 mm |
| | EZ206 | Mack, Volvo | 7/8"-14 UNF | 9.0 mm |
| | EZ208 | International | 7/8"-18 UNF | 9.0 mm |
| | EZ2 | Cummins, Hino, International, Paccar, Mitsubishi-Fuso | 18 mm-1.5 | 9.0 mm |
| | EZ3 | Isuzu, Mack Mercedes | 20 mm-1.5 | 9.0 mm |
| | EZ7B | Cummins, Deutz, Hino, Mercedes | 22 mm-1.5 | 9.0 mm |
| **LARGE BODY SIZE** | | | | |
| | EZ200 | Caterpillar | NPT 1-12 | 12.5 mm |
| | EZ201 | Detroit Diesel | NPT 3/4-14 | 12.5 mm |
| | EZ203 | Cummins, Paccar | 1"-18 UNF | 12.5 mm |
| | EZ205 | Caterpillar | 1-1/8"-12 UNF | 12.5 mm |
| | EZ207 | Paccar, Mercedes | 26 mm-1.5 | 12.5 mm |
| | EZ209 | John Deere | 1"-14UNC | 12.5 mm |
| | EZ210 | Cummins | 1/16"-12 UNF | 12.5 mm |
| | EZ211 | Cummins, Detroit Diesel, Mack, Volvo, International | 27 mm-2.0 | 12.5 mm |
| | EZ215 | Caterpillar | 1-5/16"-12 UNF | 12.5 mm |
| | EZ5 | Detroit Diesel, International | 25 mm-1.5 | 12.5 mm |
| | EZ6 | Isuzu, UD-Nissan | 24 mm-2.0 | 12.5 mm |
| | EZ7 | Deutz, Hino | 30 mm-1.5 | 12.5 mm |
| | EZ8 | Mack, Volvo | 24 mm-1.5 | 12.5 mm |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# 5 Starters, Alternators & Electrical

## ALTERNATORS

### ALTERNATORS — 21/22 SERIES†

**Performance Output:**
130 / 145 / 150 amps — 12 volts

**Speed Capability:**
10,000 rpm continuous
12,000 rpm intermittent

**Mounting:**
SAE J180 standard quad and/or pad mount

**Rotation:**
Clockwise

**Polarity:**
Negative ground standard

**Weight:**
14.2 pounds or 6.46 kilograms

**Temperature Limits:**
-30°F ambient (min)
+200°F ambient (max)

| | POWER PRODUCTS PN | VOLTS | AMPS | MOUNT | DELCO CROSS |
|---|---|---|---|---|---|
| | **MODEL 21** | | | | |
|  AR-21-010H | AR-21-010H | 24V | 60–70A | Hinge | 1117897<br>1117900<br>19010108<br>19010111<br>19010182 |
| | **MODEL 22** | | | | |
|  AR-22-015H | AR-22-015H | 12V | 150A | Hinge Mount | 19020306<br>19020310 |
|  AR-22-015P | AR-22-015P | 12V | 145A | Pad Mount | 10459321<br>19020388<br>19020389<br>19020804<br>19020889 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ALTERNATORS — 24 SERIES†

**Performance Output:**
160 amps — 12 volts

**Speed Capability:**
10,000 rpm continuous
12,000 rpm intermittent

**Rotation:**
Clockwise

**Polarity:**
Negative ground

**Weight:**
16.7 pounds or 7.6 kilograms

**Construction:**
Brush

**Starter Diameter:**
144 millimeters

**Length (to end of shaft):**
223 millimeters

**Temperature Limits:**
-40°F ambient (min)
+221°F ambient (max)

| | POWER PRODUCTS PN | VOLTS | AMPS | MOUNT | DELCO CROSS |
|---|---|---|---|---|---|
|  AR-24-016H | AR-24-016H | 12V | 160A | Hinge Mount | 8600310 |
|  AR-24-016P | AR-24-016P | 12V | 160A | Pad Mount | 8600889 |

## ALTERNATORS — 35 SERIES†

**Performance Output:**
105 / 140 amps — 12 volts

**Speed Capability:**
10,000 rpm continuous
12,000 rpm intermittent

**Mounting:**
SAE J180 standard quad and/or pad mount

**Rotation:**
Clockwise or counterclockwise

**Polarity:**
Negative ground standard

**Weight:**
25.4 pounds or 115 kilograms

**Temperature Limits:**
-40°F ambient (min)
+221°F ambient (max)

| | POWER PRODUCTS PN | VOLTS | AMPS | MOUNT | DELCO CROSS |
|---|---|---|---|---|---|
|  AR-35-014H | AR-35-014H | 12V | 140A | Hinge Mount | 8600064<br>8700016<br>10459612<br>19011260 |
|  AR-35-014P | AR-35-014P | 12V | 140A | Pad Mount | 8600066<br>8700018 |
|  AR-35-014Q | AR-35-014Q | 12V | 140A | Quad Mount | 8600065<br>8700017 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ALTERNATORS — 8LHA/555 & 8LHP SERIES†

**Performance Output:**
160 amps — 12 volts

**Mounting:**
SAE J180 pad mount

**Rotation:**
Clockwise

**Positive Stud Size:**
5/16 — 24

**Negative Stud Size:**
1/4 — 28

**Shaft Diameter:**
.8736-8741

**Pulley:**
Not included

**Rectifier Location:**
Integral

**Temperature Limits:**
-40°F ambient (min)
+221°F ambient (max)

| | POWER PRODUCTS PN | VOLTS | AMPS | MOUNT | LEECE NEVILLE CROSS |
|---|---|---|---|---|---|
|  | AL-55-016H | 12V | 160A | Dual Foot J-180 Mount | 8LHA2070VF<br>110-555JHO |

## ALTERNATORS — 8LHP SERIES†

| | POWER PRODUCTS PN | VOLTS | AMPS | MOUNT | LEECE NEVILLE CROSS |
|---|---|---|---|---|---|
|  | AL-55-016P | 12V | 160A | 4 Point Pad Mount | 8LHP2170VF<br>110-555PHO |

## HEAVY-DUTY BRUSH-TYPE ALTERNATORS† NEW, NO CORE

- Lightweight
- High efficiency
- 100% New (No Core)
- All common mounting styles available

| | DELCO REMY PN | FAMILY | TEMP. RATING | VOLTS | AMPS | AMPS @IDLE | MOUNT | REMOTE SENSE? (Y/N) |
|---|---|---|---|---|---|---|---|---|
|  22SI™ Pad Mount | 19025337 | T1 | 105°C | 28V | 140A | 75 | T1 Style | N |
| | 19020310 | 22SI™ | 125°C | 12V | 150A | 85 | J180 Hinge | N |
| | 19020889 | | 125°C | 12V | 150A | 85 | PAD | N |
|  22SI™ Hinge Mount | 8600143 | 24SI™ | 125°C | 12V | 160A | 100 | PAD | |
| | 8600310 | | 125°C | 12V | 160A | 100 | J180 Hinge | N |
| | 8600889 | | 125°C | 12V | 160A | 100 | PAD | N |
|  24SI™ | 8600201 | 28SI™* | 125°C | 12V | 160A | 105 | PAD | Y |
| | 8600308 | | 125°C | 12V | 160A | 105 | J180 Hinge | Y |
| | 8600315 | | 125°C | 12V | 160A | 105 | PAD | Y |
| | 8600312 | | 125°C | 12V | 160A | 105 | J180 Hinge | Y |
| | 8600223 | | 125°C | 12V | 180A | 130 | J180 Short Hinge | Y |
| | 8600313 | | 125°C | 12V | 200A | 140 | J180 Short Hinge | Y |
|  28SI™ | 8600311 | | 125°C | 12V | 180A | 130 | J180 Long Hinge | Y |
| | 8600307 | | 125°C | 12V | 200A | 140 | J180 Long Hinge | Y |
| | 8600316 | | 125°C | 12V | 180A | 130 | PAD | Y |
| | 8600314 | | 125°C | 12V | 200A | 140 | PAD | Y |

* Comes with remote sense.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEAVY-DUTY BRUSHLESS ALTERNATORS†

- Fewer moving parts
- 3-year manufacturer's warranty
- Remote sense equipped (extends battery life)
- High output units available
- Common mounting styles available

| | DELCO REMY PN | FAMILY | TEMP. RATING | VOLTS | AMPS | AMPS @ IDLE | MOUNT | REMOTE SENSE? (Y/N) |
|---|---|---|---|---|---|---|---|---|
|  35SI™ | 8600064 | 35SI™ HP New | 105°C | 12V | 140A | 80A | J180 Hinge | Y |
| | 8600065 | | 105°C | 12V | 140A | 80A | Quad | Y |
| | 8600066 | | 105°C | 12V | 140A | 80A | PAD | Y |
| | 8700016 | 35SI™ HP Reman | 105°C | 12V | 140A | 80A | J180 Hinge | Y |
| | 8700017 | | | 12V | 140A | 80A | Quad | Y |
| | 8700018 | | 105°C | 12V | 140A | 80A | PAD | Y |
|  36SI™ | 8600203 | 36SI™ HP New | 125°C | 12V | 160A | 100A | PAD | Y |
| | 8600126 | | 125°C | 12V | 170A | 100A | J180 Hinge | Y |
| | 8600125 | | | 12V | 170A | 100A | Quad | Y |
| | 8600127 | | 125°C | 12V | 170A | 100A | PAD | Y |
| | 8700067 | 36SI™ HP Reman | 125°C | 12V | 160A | 100A | PAD | Y |
| | 8700046 | | 125°C | 12V | 170A | 100A | J180 Hinge | Y |
| | 8700045 | | 125°C | 12V | 170A | 100A | Quad | Y |
| | 8700047 | | 125°C | 12V | 170A | 100A | PAD | Y |
|  40SI™ | 8600339 | 40SI™ New | 125°C | 12V | 240A | 160A | J180 Short Hinge | Y |
| | 8600299 | | 125°C | 12V | 300A | 190A | J180 Short Hinge | Y |
| | 8600390 | | 125°C | 12V | 240A | 160A | J180 Long Hinge | Y |
| | 8600280 | | 125°C | 12V | 275A | 180A | J180 Long Hinge | Y |
| | 8600300 | | 125°C | 12V | 300A | 190A | J180 Long Hinge | Y |
| | 8600338 | | 125°C | 12V | 240A | 160A | PAD | Y |
| | 8600094 | | 125°C | 12V | 275A | 180A | PAD | Y |
| | 8600298 | | 125°C | 12V | 300A | 190A | PAD | Y |
| | 8600628 | | 125°C | 12V | 320A | 190A | PAD | Y |

## 50DN™ REMAN ALTERNATOR†

| | DELCO REMY PN | FAMILY | VOLTS | AMPS | 125° MOUNT | REMOTE SENSE? (Y/N) |
|---|---|---|---|---|---|---|
|  | 10459123 | 50DN™ Reman | 24V | 270A | Cradle | N |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEAVY-DUTY ALTERNATORS†

Leece-Neville HEAVY DUTY SYSTEMS

| | LEECE NEVILLE PN | MOUNT | AMPS/ KW | FEATURES |
|---|---|---|---|---|
|  8LHP2170VF | 110-555JHO, 8LHA2070VF | J180 | 12V 160A | Trusted Triple Nickel Design w/ Longer Brushes & Heavy-Duty Bearings. 2-Year Warranty. |
| | 110-555PHO, 8LHP2170VF | Pad | | |
|  AVI143P2003 | AVi555J, AVI143J2002 | J180 | 12V 160A | Designed for Heavy-Duty Class 5-8 Applications, High Temperature Rated, Case Ground, Multiple B+/B- Connection Locations & Remote Sense Capable. 1-Year Warranty. |
| | AVi555P, AVI143P2003 | Pad | | |

## HEAVY-DUTY ALTERNATORS†

DENSO COMMERCIAL & HEAVY DUTY

| | ENGINE MANUFACTURER | ENGINE TYPE | POWEREDGE 170 PN | POWEREDGE 185 PN | POWEREDGE 205 PN | POWEREDGE 220 PN |
|---|---|---|---|---|---|---|
|  | Caterpillar | C11 C12 C13 C15 C16 | 211-9210 | 211-9211 | 211-9212 | 211-9213 |
| | Cummins | GX ISB ISC ISL ISL-G ISM ISV ISX ISX-G | | | | |
| | Detroit Diesel | DD13 DD15 DD16 DD60 | | | | |
|  | International | MAXXFORCE 11 MAXXFORCE 13 MAXXFORCE 15 | 211-9200 | 211-9201 | 211-9202 | 211-9203 |
| | | MAXXFORCE 7 MAXXFORCE 9&10 MAXXFORCE DT | 211-9210 | 211-9211 | 211-9212 | 211-9213 |
| | Mack | MP7 MP8 MP10 | 211-9200 | 211-9201 | 211-9202 | 211-9203 |
| | Mercedes Benz | MBE4000 | 211-9200 | 211-9201 | 211-9202 | 211-9203 |
| | Paccar | MX-11 MX-13 | 211-9200 | 211-9201 | 211-9202 | 211-9203 |
| | | PX-8 PX-9 | 211-9210 | 211-9211 | 211-9212 | 211-9213 |
| | Volvo | D11 D13 D16 VE-D12 | 211-9200 | 211-9201 | 211-9202 | 211-9203 |
| | | DD60 | 211-9210 | 211-9211 | 211-9212 | 211-9213 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STARTERS — 39 SERIES†

**Engine Size:**
Diesel: up to 15 liters

**Rotation:**
Clockwise

**Standard Mountings:**
SAE #1, SAE #3

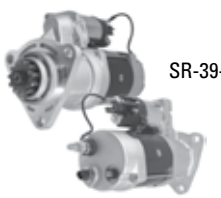
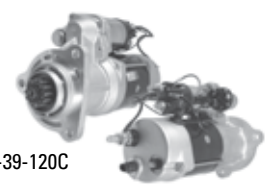
**Standard Pinions:**
11-tooth / 6-8 pitch

**Weight:**
30.8 pounds (14 kilograms)

**Drive:**
Heavy-duty design / electrical soft-start / engagement system

**Overcrank Protection (Optional):**
Built-in circuit breaker protects starter from thermal damage and automatically resets at safe operating temperature

**Jump Start Protection (Optional):**
Special shield and solenoid cap available to meet SAE J1493 recommendations

| | POWER PRODUCTS PN | VOLTS | TOOTH | SOLENOID POSITION | DETAIL | FITS | DELCO CROSS |
|---|---|---|---|---|---|---|---|
|  SR-39-110C | SR-39-110C | 12V | 11 | @ 82° | Integral Magnetic Switch | Caterpillar C15, Cummins ISX, Detroit Diesel S60, Freightliner, International, Volvo Truck | 10461753, 19011506 19011516, 19011519, 19011521 8200033, 8200040, 8200083. 8200289, 8300009, |
|  SR-39-111C | SR-39-111C | 12V | 11 | @ 88° | w/ Overcrank Protection | Caterpillar C10/ C12 Cummins, ISM Caterpillar C9/C11/C13 C15 Acert Cummins ISX Peterbilt, Kenworth | 8200050 8200090 8200104 |
| | SR-39-112C | 12V | 11 | @ 88° | w/ Overcrank Protection | Mack E7 | 19011505, 19011531, 8200037, 8200288 |
|  SR-39-112C | SR-39-114C | 12V | 11 | ROT DEH | w/ Overcrank Protection | Mack HD Trucks | — |
| | SR-39-115C | 12V | 11 | ROT DEH | w/ Overcrank Protection | All Makes w/ Caterpillar/Cummins Engine | 8200308 8201079 |
|  SR-39-120C | SR-39-120C | 12V | 12 | @ 82° | w/ Overcrank Protection | Freightliner MBE 4000 | 19011514 19011525 |
| | SR-39-121C | 12V | 11 | @ 88° | w/ Overcrank Protection | Volvo D12 | 19011515 8200186 8200291 |
|  SR-39-121C | SR-39-124C | 12V | 12 | ROT DEH | w/ Overcrank Protection | All Makes w/ Caterpillar/Cummins Engine | 8200210 8200433 8200817 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STARTERS — 40 SERIES†

**Engine Size:**
Diesel: up to 14.8 liters;
up to 900 cubic inches

**Rotation:**
Clockwise or counterclockwise

**Standard Pinions:**
11-tooth / 6-8 pitch

**Weight:**
69 pounds (31.3 kg)

**Drive Housing:**
Two-piece rotatable drive housing

**Drive:**
Heavy-duty design / positive engagement / rubber shock absorber

**Overcrank Protection (Optional):**
Prevents overcrank heat damage / circuit breaker automatically resets after it has cooled

| | POWER PRODUCTS PN | VOLTS | TOOTH | SOLENOID POSITION | DETAIL | APPLICATION | DELCO CROSS |
|---|---|---|---|---|---|---|---|
|  | SR-40-113N | 12V | 11 | @ 52° | w/ Overcrank Protection | GMC/Chevy Med-HD Trucks | 1114098<br>1114051<br>1114054<br>1114056<br>1114073<br>1114078<br>1114054<br>1114096<br>1114099<br>1114107<br>1114741<br>10461045 |

## STARTERS — 42 SERIES†

**Engine Size:**
Diesel: up to 14.8 liters
up to 900 cubic inches

**Rotation:**
Clockwise or counter clockwise

**Standard Pinions:**
11-tooth / 6-8 pitch

**Weight:**
58 pounds (26.3 kilograms)

**Drive Housing:**
Two-Piece rotatable drive housing

**Drive:**
Heavy-duty design / positive engagement / rubber shock absorber

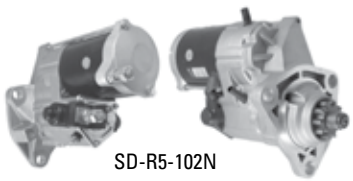
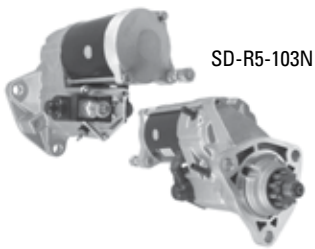
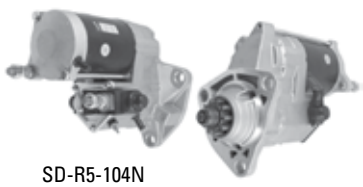
**Overcrank Protection (Optional):**
Prevents overcrank heat damage circuit breaker automatically resets after it has cooled

**Jump Start Protection (Optional):**
Special shield and solenoid cap available to meed SAE J1493 recommendations

| | POWER PRODUCTS PN | VOLTS | TOOTH | SOLENOID POSITION | DETAIL | APPLICATION | DELCO CROSS |
|---|---|---|---|---|---|---|---|
|  SR-42-110C | SR-42-110C | 12V | 11 | @ 82° | w/ Overcrank Protection | Chevy, GMC, Ford, Freightliner, International, Mack, Peterbilt, Volva, Sterling Trucks w/ Caterpillar & Cummins Engine | 10461055<br>1990428 |
|  SR-42-110N | SR-42-110N | 12V | 11 | @ 82° | w/o Overcrank Protection | Caterpillar<br>Ford<br>IHC | 1990348<br>1990352<br>1990400 |
|  SR-42-110N/24V | SR-42-110N-24V | 24V | 11 | @ 82° | w/o Overcrank Protection | Caterpillar<br>IHC | 1990344<br>1990367<br>1990383 |
|  SR-42-111C | SR-42-111C | 12V | 11 | @ 88° | w/ Overcrank Protection | Chevy, GMC, Freightliner Trucks w/ Cummins Engine | 1990489<br>10461062<br>10461075<br>10479080<br>10479105 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STARTERS — R5 SERIES†

| | POWER PRODUCTS PN | VOLTS | KW | DETAIL | APPLICATION | DENSO CROSS |
|---|---|---|---|---|---|---|
|  SD-R5-102N | SD-R5-102N | 12V | 5.0 | Gear Reduction Starter | Cummins ISM<br>Caterpillar 11,<br>Caterpillar 13,<br>Caterpillar 15 | 428000-4420<br>TG428000-4420 |
|  SD-R5-103N | SD-R5-103N | 12V | 5.0 | Gear Reduction Starter | Cummins M11<br>Detroit Series 60<br>Mack E-7<br>Mack E-Tech | 428000-4430<br>TG428000-4430 |
|  SD-R5-104N | SD-R5-104N | 24V | 5.0 | Gear Reduction Starter | Cummins N14<br>Cummins ISX | 428000-4440<br>TG428000-4440 |

## 29MT™ & 38MT™ GEAR REDUCTION STARTERS†

- Strong cranking power
- Lightweight, compact design

| | DELCO REMY PN | FAMILY | VOLTS | ROTATION | PINION TEETH | PITCH | MOUNT TYPE | SOLENOID POSITION | OVERCRANK PROTECTION? (Y/N) |
|---|---|---|---|---|---|---|---|---|---|
|  38MT™ | 8200972 | 29MT™ New | 12V | CW | 10 | 8/10 | SAE 1 | 055 | N |
| | 8200005 | 38MT™ New | 12V | CW | 12 | 8/10 | SAE 3 | 082 | N |
| | 8200077 | 38MT™ New | 12V | CW | 10 | 8/10 | SAE 1 | 315 | N |
| | 8200217 | 38MT™ New | 12V | CW | 12 | 8/10 | SAE 3 | 082 | N |
| | 8300024 | 38MT™ New | 12V | CW | 10 | 8/10 | SAE 1 | 315 | N |
| | 10461768 | 38MT™ New | 12V | CW | 10 | 8/10 | SAE 1 | 128 | N |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 39MT™ GEAR REDUCTION STARTERS†

- Engines up to 16 liter (12 volt)
- Overcrank Protection Standard
- Integral Magnetic Switch (IMS)
- Smart IMS Warranty: 3 years / unlimited miles

Smart IMS (Integrated Magnetic Switch) technology protects against:

- Click-no-crank solenoid prolonged power
- Damaged pinion and ring gear teeth
- Engagement into running engine, damaged pinion and ring gear teeth
- Overcrank and solenoid chatter due to low battery SOC
- Overcrank
- Extended overrun

| | | | | ALL MAKES | | | PINION PITCH/ TEETH | COMPETITIVE CROSS REFERENCE |
|---|---|---|---|---|---|---|---|---|
| OEM | ENGINE | OE | REMAN | NEW SERVICE | ROT. FLANGE | SMART IMS | | |
| Freightliner Sterling Western Star | MBE 4000 | 19011525, 8200082, 8200660, 8200687 | 8300008 | 8200287[1] | N/A | — | Mod 3 12 Tooth | MIB971179, MIB971179FL, FL1179 |
| | | 19011514, 8200084, 8200624, 8200690 | 8300013 | | | | | |
| | Cummins ISC, ISL | 19011526, 8200081, 8200659, 8200688, 8200783 | 8300007 | N/A | 8200433 | — | 8/10 12 tooth | N/A |
| | | 19011517, 8200087, 8200625, 8200691 | 8300015 | | | | | |
| | Caterpillar C15, Cummins ISX, ISM, Detroit S60 | 19011521, 8200090, 8200091, 8200661, 8200686, 8200662 | 8300009 | 8200289 | 8200308 | 61003201 | 6/8 11 tooth | MIB970975, MIB970975FL, FL0975, MIB970777, MIB970777FL, FL0777, FL0579 |
| | | 19011516, 19011518, 19011529, 19011530, 8200623, 8200627, 8200628, 8200692 | 8300019 | | | | | |
| | DD 3/15/16 2015 and older | 8200329, 8200671, 8201022 | 8300084[2] | N/A | 8200434 | — | Mod 3 12 tooth | N/A |
| | DD 13/15/16 2016 and newer | 8201004 | N/A | 61000704 | N/A | — | Mod 3 11 tooth | |
| Navistar | Cummins ISX, ISM, Caterpillar C13, C15 | 8200050, 8200091, 8200604, 8200605 | 8300009 | 8200289 | 8200308 | 61003201 | 6/8 11 tooth | 3815734C91, IN1478 |
| | DT466, DT570, HT570, Maxxforce DT, 9, 10 | 8200081, 8200659, 8200218, 8200635, 8200219, 8200664, 8200360, 8200672, 8200384, 8200639 | 830000 | N/A | 8200433 | — | 8/10 12 tooth | MITIN1378 |
| | MaxxForce 11/13 | 8200857, 8200606 | N/A | | 8200817[4] | — | 8/10 12 tooth | 3667911C91, IN2178 |
| Kenworth Peterbilt | Caterpillar C9, C10, C11, C12, C13, C15 Cummins ISX, ISM | 8200050, 8200090 | 8300009 | 8200290 | 8200308 | 61003201 | 6/8 11 tooth | D61-6002-004, D61-6002-008, PC0979, PC1479, PC1879, M983579 |
| | | 19011529, 8200104 | 8300019 | | | — | | |
| | | 82004053, 82007423 | N/A | 8200742[3] | N/A | — | | |
| | Cummins ISC, ISL | N/A | N/A | N/A | 8200433 | — | 8/10 12 tooth | D61-6002-003, PC1379 |

Continued on following page

1. Replacement may mount the engine with solenoid facing down by design.
2. Replaces reman PN 8300058.
3. Integrated OCP.
4. Can use 8200433 by removing 6 bolts on the front of the flange and rotating the flange so the solenoid is in the same top position as the OE model.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 39MT™ GEAR REDUCTION STARTERS†, continued

| | | | | ALL MAKES | | | PINION PITCH/ TEETH | COMPETITIVE CROSS REFERENCE |
|---|---|---|---|---|---|---|---|---|
| OEM | ENGINE | OE | REMAN | NEW SERVICE | ROT. FLANGE | SMART IMS | | |
| Mack | Mack E7 | 19011500, 19011505, 19011531, 8200037 | 8300020 | 8200288 | 8200308 | 61003201 | 6/8 11 tooth | MK0077 |
| | Mack MP7 | 8200223, 8200612, 8201074 | 8300059 | 8200468 | N/A | — | 8/10 11 tooth | 21001797, MK1075 |
| | Mack MP8 2012 and older | 8200214, 8200572, 8200611, 8200910, 8200417 | 8300060 | 8201100 | | — | 8/10 12 tooth | 21019460, MK2078, 21942885, MK2079 |
| | Mack MP8 2013 and newer | 8201075 | N/A | | | — | 8/10 12 tooth | 22398219 |
| | Mack MP10 | 8200182, 8200610, 8201072 | 8300061 | 8200469 | | — | 8/10 12 tooth | 21045969 |
| | Cummins ISL, ISL-G | 8200768, 8200625, 8201080, 8201081 | 8300007 | N/A | 8200433 | — | 8/10 12 tooth | N/A |
| | Cummins ISX 12G | 8200915, 8201082 | N/A | | 8200971 | — | 6/8 11 tooth | |
| Volvo | Cummins ISX, ISM | 19011516, 19011517, 19011530, 8200091, 8200662, 8200319, 8200820, 8201078, 8201079 | 8300009 | 8200289 | 8200308 | 61003201 | 6/8 11 tooth | 20851006, VV0776, VV0977 |
| | Volvo D11 | 8200223, 8200612, 8201073 | 8300059 | 8200468 | N/A | — | 8/10 11 tooth | 21001781, VV1076 |
| | Volvo D12 | 8200058, 8200186, 19011515 | 8300004 | 8200291 | | — | 8/10 12 tooth | VV0279 |
| | Volvo D13 2012 and older | 8200214, 8200572, 8200611, 8200909, 8200417 | 8300060 | 8201100 | | — | 8/10 12 tooth | 21019456, 21989095, VV2079 |
| | Volvo D13 2013 and newer | 8201076 | N/A | | | — | 8/10 12 tooth | 22398223 |
| | Volvo D16 | 8200182, 8200610, 8201071 | 8300061 | 8200469 | | — | 8/10 12 tooth | 21001825, VV1979 |
| | Cummins ISX 12G | 8200960, 8201083 | N/A | N/A | 8200971 | | 6/8 11 tooth | N/A |
| Autocar | Cummins ISX, ISM | 8200091, 19011530 | 8300009 | 8200289 | 8200308 | 61003201 | 6/8 11 tooth | N/A |
| | Cummins ISC, ISL, ISL-G | 8200218, 8200219 | 8300007 | N/A | 8200433 | — | 8/10 12 tooth | |
| Prevost Bus | 24V Detroit S60 | N/A | N/A | N/A | 8200330 | | 6/8 11 tooth | 510752, PV2479 |
| MCI Bus | 24V Detroit S60, Cummins ISM, Caterpillar C12, C13 | N/A | N/A | N/A | 8200330 | 61003202 | 6/8 11 tooth | 71-01-1008, MC2378 |
| Various 24V | Caterpillar C12, C13, C15, Cummins ISM, ISX, N14, Detroit S60, Mack E7 | | | | 8200330 | | 6/8 11 tooth | N/A |
| | Cummins ISB, ISC, ISL, Navistar DT466, DT530, Volvo D12 | | | | 8200435 | — | 8/10 12 tooth | |
| | Mercedes 4000, DD 13/15-2015 and older | | | | 8200436 | — | Mod 3 12 tooth | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## REMAN STRAIGHT DRIVE STARTERS†

| | DELCO REMY PN | FAMILY | VOLTS | ROTATION | PINION TEETH | PITCH | MOUNT TYPE | SOLENOID POSITION | OVERCRANK PROTECTION? (Y/N) |
|---|---|---|---|---|---|---|---|---|---|
|  28MT™ | 10465043 | 28MT™ Reman | 12V | CW | 10 | 10/12 | SAE 1 | 315 | N |
| | 10461098 | 37MT™ Reman | 12V | CW | 10 | 8/10 | SAE 1 | 308 | N |
| | 10461169 | 37MT™ Reman | 12V | CW | 12 | 8/10 | SAE 3 | 082 | N |
| | 10461170 | 37MT™ Reman | 12V | CW | 10 | 8/10 | SAE 3 | 278 | N |
| | 10461298 | 37MT™ Reman | 12V | CW | 10 | 8/10 | SAE 1 | 322 | N |
| | 10461171 | 41MT™ Reman | 12V | CW | 12 | 8/10 | SAE 3 | 082 | N |
|  37MT™ | 10461282 | 41MT™ Reman | 12V | CW | 12 | 8/10 | SAE 1 | 128 | N |
| | 10461304 | 41MT™ Reman | 12V | CW | 12 | 8/10 | SAE 3 | 082 | Y |
| | 10461431 | 41MT™ Reman | 12V | CW | 12 | 8/10 | SAE 1 | 128 | Y |
| | 10461045 | 40MT™ Reman | 12V | CW | 11 | 6/8 | SAE 3 | 052 | N |
| | 10461050 | 42MT™ Reman | 12V | CW | 12 | 8/10 | SAE 3 | 082 | N |
| | 10461052 | 42MT™ Reman* | 12V | CW | 11 | 6/8 | SAE 3 | 082 | N |
|  42MT™ | 10461053 | 42MT™ Reman* | 12V | CW | 11 | 6/8 | SAE 3 | 088 | N |
| | 10461055 | 42MT™ Reman* | 12V | CW | 11 | 6/8 | SAE 3 | 082 | Y |
| | 10461075 | 42MT™ Reman* | 12V | CW | 11 | 6/8 | SAE 3 | 088 | Y |
| | 10461025 | 42MT™ Reman* | 24V | — | 12 | — | — | 308 | — |
| | 10461068 | 42MT™ Reman* | 24V | — | 11 | — | — | 308 | — |

* 7.3kW Peak Output

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEAVY-DUTY STARTERS†

| | DIAMOND GARD PN | STARTER RELAY PN | STARTER SOLENOID PN | APPLICATION | | YEARS OF COVERAGE |
|---|---|---|---|---|---|---|
| | | | | OEM | ENGINE | |
|  PC1479 | PC1479 | 12-8582 | 12-11481 | Kenworth Only | Caterpillar C15 / C15 ACERT | 1998–2006 |
| | | | | Peterbilt & Kenworth | Caterpillar C9 / C10 / C12 | 1998–2003 |
| | | | | | Caterpillar C11 ACERT | 2004–2006 |
| | | | | | Caterpillar C9 / C13 ACERT | 2004–Current |
| | | | | | Caterpillar C15 ACERT | 2007–2010 |
| | | | | | Cummins ISX / ISM / N14 | 1998–Current |
|  FL0189 | PC0079 | 12-8683 | 12-11981 | Peterbilt & Kenworth | PACCAR MX 13 | 2010–Current |
| | | | | | PACCAR MX 11 | 2016–Current |
| | FL0189 | 12-8683 | 12-11981 | Freightliner & Western Star | DD13 / DD15 / DD16 | 2010–2015 |
| | FLA579 | 12-8683 | 12-11981 | Freightliner & Western Star | DD13 / DD15 / DD16 | 2016–Current |
| | FL1179 | 12-6882 | 12-10281 | Freightliner, Sterling & Western Star | Mercedes Benz-4000 | 2001–2010 |
|  VV0279 | FL0579 | N/A | 12-10581 | Freightliner, Sterling & Western Star | Detroit Diesel S60 | 1998–2006 |
| | | | | | Caterpillar C10 / C12 / C15 | 1998–2003 |
| | | | | | Caterpillar C11 / C13 / C15 ACERT | 2004–2006 |
| | | | | | Cummins ISX / ISM / N14 | 1998–2002 |
|  VV0776 | IN1478 | 12-8583 | 12-10581 | International | Cummins ISX / ISM / N14 / M11 | 1998–Current |
| | | | | | Caterpillar C12 / C15 | 1998–2003 |
| | | | | | Caterpillar C13 / C15 ACERT | 2004–2009 |
| | | | | | Navistar MaxxForce 15 | All |
| | IN1378 | 12-8387 | 12-10581 | International | Navistar DT466 / DT530 / HT570 | 1998–Current |
| | | | | | Navistar MaxxForce DT9 / DT10 | 1998–Current |
|  MK0077 | VV0279 | 12-8482 | 12-10581 | Volvo | Volvo D12 | 1998–2006 |
| | VV0977 | 12-8383 | 12-10581 | Volvo | Cummins ISX | 2002–2006 |
| | VV0776 | 12-8484 | 12-10581 | Volvo | Cummins ISX | 2007–Current |
| | MK0077 | N/A | 12-11081 | Mack | Mack E-7 ASET | 1998–2006 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SCHOOL BUS STARTERS†


29MT™


38MT™


39MT™

| MAKE | ENGINE | MODEL | NEW SERVICE | BUS OE | LEECE NEVILLE CROSS |
|---|---|---|---|---|---|
| Thomas Built Bus | Cummins IS5.9L | 29MT™ | 19011400 | | M105610 |
| | Cummins ISB6.7L | | 8200571 | | |
| | Cummins ISC/ISL | 38MT™ | 8200005 | | M105302 |
| | Caterpillar 3126 / Caterpillar C7-3000 Allison | | 8200076 | 61230359 | M105611 |
| | Caterpillar C7-2000 Allison | | 8201002 | | M105612 |
| | MB926 | | 8200075 | | |
| | MB904/906 | 29MT™ | 8200103 | | |
| Blue Bird | Cummins ISB 5.9L | 29MT™ | 19011400 | 10026128 | M105610 |
| | Cummins ISB 6.7L | | 8200571 | | |
| | Cummins ISC | 29MT™ | 8200005 | | M105302 |
| | Caterpillar 3126 / Caterpillar C7-3000 Allison | | 8200076 | 1454651 | M105611 |
| | Caterpillar C7-2000 Allison | | 8201002 | 00074299 | M105612 |
| IC Bus | DT466 | 38MT™ | 8200005 | | M105302 |
| | DT530 | 39MT™ | 8200433 | | |
| | T444E 7.3L | 39MT™ | 8200007 | | M110602 |
| | VT365 | 29MT™ | 8200972 | | M105603 |

## SCHOOL BUS ALTERNATORS†


28SI™


40SI™

| APPLICATION | AMPS | PN | MODEL | STYLE | MOUNT TYPE | LEECE NEVILLE CROSS |
|---|---|---|---|---|---|---|
| Base bus without AC prior to 2000 | 160A | 8600308 | 28SI™* | Brush | J180 — Long | 2800LC |
| | | 8600312 | | | J180 — Short | |
| | | 8600315 | | | Pad | |
| Base bus without AC after 2000 | 180A | 8600311 | 28SI™* | Brush | J180 — Long | 4836LGH, 4833LGH |
| | | 8600223 | | | J180 — Short | |
| | | 8600316 | | | Pad | 4939PGH, 4943PGH |
| Bus with factory AC or an electromagnetic brake retarder prior to 2002 | 200A | 8600307 | 28SI™* | Brush | J180 — Long | |
| | | 8600313 | | | J180 — Short | |
| | | 8600314 | | | Pad | |
| Bus with factory AC or an electromagnetic brake retarder after 2002 | 240A | 8600390 | 40SI™ | Brushless | J180 — Long | 4887JB, 4885JB |
| | | 8600339 | | | J180 — Short | |
| | | 8600338 | | | Pad | 4959PA, 4958PA |
| Bus with factory AC and additional add on AC OR bus with factory AC and an electromagnetic brake retarder | 275A | 8600280 | 40SI™ | Brushless | J180 — Long | 4867JB |
| | | 8600279 | | | J180 — Short | |
| | | 8600094 | | | Pad | 4949PA |
| | 320A | 8600634 | 40SI™ | Brushless | J180 — Long | |
| | | 8600628 | | | Pad | 4962PA |

* Comes with remote sense.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BATTERY BOX COVERS

- Direct replacement for a proper fit every time
- Dorman Battery Covers provide cost efficient convenience
- Easy to install, requires no special tools for installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  242-5103 | 242-5103 | 1987–2019 | IC Corporation, International | 1300, 1300 FBC, 3200, 3800, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CXT, MXT, RXT, TerraStar |
|  242-5106 | 242-5106 | 1997–2005 | International | 2554, 2574, 2654, 2674, 3000, 3000RE, 4700, 4700LP, 4700LPX, 4800, 4900 |
|  242-5526 | 242-5526 | 1973–1989 | Mack | RD |

## BATTERY BOX TRAY

- Direct replacement for a proper fit every time
- Dorman Battery Covers provide cost efficient convenience
- Easy to install, requires no special tools for installation

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  242-5601 | 242-5601 | 2004–2009 | Chevrolet, GMC, Isuzu | FTR, FVR, FXR, T6500, T7500, T8500 |

## STARTER CABLES† Made in USA

Full-gauge copper conductor cable ideal for connecting battery to switch, starter, and ground. Tough, high temperature resistant PVC insulation is durable enough to handle heavy-duty demands. Copper stranding is highly conductive maximizing current transfer while remaining flexible for easy installation.

- Voltage: Rated at 60 volts or less
- Temperature: Rated –50°C (–58°F) to 105°C (221°F)
- Specifications: SAE J1127, SAE J378



| | 25′ COIL PN | PHILLIPS CROSS | 100′ COIL PN | PHILLIPS CROSS | 500′ SPOOL PN | GAUGE | COLOR | OD |
|---|---|---|---|---|---|---|---|---|
| | EL706250 | 3-502 | EL706100 | 3-502-100 | EL706500 | 6 ga | Black | .300″ |
| | EL706252 | 3-501 | EL706102 | 3-501-100 | EL706502 | 6 ga | Red | .300″ |
| | EL704250 | 3-504 | EL704100 | 3-504-100 | — | 4 ga | Black | .360″ |
| | EL704252 | 3-503 | EL704102 | 3-503-100 | — | 4 ga | Red | .360″ |
| | EL702250 | 3-506 | EL702100 | 3-506-100 | — | 2 ga | Black | .410″ |
| | EL702252 | 3-505 | EL702102 | 3-505-100 | — | 2 ga | Red | .410″ |
| | EL701250 | 3-508 | EL701100 | 3-508-100 | — | 1 ga | Black | .490″ |
| | EL701252 | 3-507 | EL701102 | 3-507-100 | — | 1 ga | Red | .490″ |
| | EL710250 | 3-510 | EL710100 | 3-510-100 | — | 1/0 | Black | .550″ |
| | EL710252 | 3-509 | EL710102 | 3-509-100 | — | 1/0 | Red | .550″ |
| | EL720250 | 3-512 | EL720100 | 3-512-100 | EL720500 | 2/0 | Black | .605″ |
| | EL720252 | 3-511 | EL720102 | 3-511-100 | EL720502 | 2/0 | Red | .605″ |
| | EL730250 | 3-514 | EL730100 | 3-514-100 | — | 3/0 | Black | .695″ |
| | EL730252 | 3-515-100 | — | | — | 3/0 | Red | .695″ |
| | EL740250 | 3-516 | EL740100 | 3-516-100 | — | 4/0 | Black | .706″ |
| | EL740252 | 3-515 | — | | — | 4/0 | Red | .706″ |

## WELDING CABLES† Made in USA

- Voltage: Rated at 600 volts
- Temperature: Rated –50°C (–58°F) to 105°C (221°F)



| | 25′ PN | 100′ PN | GAUGE | COLOR | OD |
|---|---|---|---|---|---|
| | — | EL904100 | 4 ga | Black | .340″ |
| | — | EL902102 | 2 ga | Red | .420″ |
| | EL910250 | EL910100 | 1/0 | Black | .525″ |
| | EL920250 | EL920100 | 2/0 | Black | .570″ |

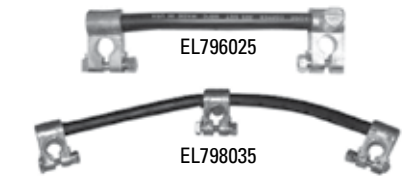
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BATTERY CABLES†

- Direct replacement for a proper fit every time
- Easy to install — no special tools necessary for installation
- Critical component for proper operation of the vehicle's charging system

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  242-5529 | 242-5529 | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |
| | 242-5529N | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |
| | 242-5529P | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |
| | 242-5530 | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |
| | 242-5530N | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |
| | 242-5530P | Battery Cable | 2004–2019 | Volvo | VN, VNL, VNM |

## BATTERY HARNESS CABLES†

| | POWER PRODUCTS PN | BATTERIES | COLOR | LENGTH |
|---|---|---|---|---|
|  EL797023 EL799033 | **STUD TOP*** | | | |
| | EL796022 | 2 | Black | 7" |
| | EL797023 | 2 | Red | 7" |
| | EL798032 | 3 | Black | 14" |
| | EL799033 | 3 | Red | 14" |
|  EL796025 EL798035 | **TOP POST** | | | |
| | EL796025 | 2 | Black | 7" |
| | EL797026 | 2 | Red | 7" |
| | EL798035 | 3 | Black | 14" |
| | EL799036 | 3 | Red | 14" |

* Made in USA

## BATTERY & STARTER CABLES†

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  EL792000 | EL792000* | Diesel Battery Cable, 115", 2/0 ga fits 1988 & Newer Ford F Series Diesel Pickups w/ Dual Batteries |
|  EL790418 | EL790418* | Switch to Starter Cable, 18"– 4 ga |

* Made in USA

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# BATTERY CABLE & ASSEMBLIES

## PVC JACKETED BATTERY HARNESS CABLES†

- PVC jacketed 2/0 gauge per SAE J1127 for starter cable
- 100% copper conductor
- Designed to connect two, three, or four paralleled batteries
- Protective caps protect against electrical shorting and corrosion
- Precision molded insulated ends provide a tight maintenance free seal




| POWER PRODUCTS PN | LENGTH | COLOR | FREIGHTLINER CROSS |
|---|---|---|---|
| EL795362 | 7″ | Red | BC207M2RWS |
| EL795363 | | Black | BC207M2BWS |
| EL795364 | 14″ | Red | BC207M3RWS |
| EL795365 | | Black | BC207M3BWS |
| EL795662 | 21″ | Red | — |
| EL795663 | | Black | — |

## TOP POST BATTERY CABLES*†




| OFFSET PN | INLINE PN | LENGTH |
|---|---|---|
| EL790008 | EL790108 | 8″ |
| EL790012 | EL790112 | 12″ |
| EL790019 | — | 9″ |

* Made with 2/0 Neoprene jacketed welding cable and offset or inline cast lead terminals.

## BATTERY CABLE — TOP POST TO LUG†*




| POWER PRODUCTS PN | LENGTH |
|---|---|
| EL793312 | 12″ |
| EL793324 | 24″ |
| EL793336 | 36″ |

* Made using 2/0 SAE J1127 battery cable with one lead terminal and one copper lug.

## STUD TOP STACKABLE CABLES†*




| POWER PRODUCTS PN | LENGTH |
|---|---|
| EL791107 | 7″ |
| EL791109 | 9″ |
| EL791113 | 13″ |
| EL791117 | 17″ |

* Made with 2/0 SAE J1127 battery cable and tin-plated copper lugs with shrink tubing.

## GROUND STRAPS†

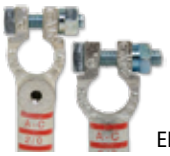



| POWER PRODUCTS PN | GAUGE | LENGTH | LUG TO |
|---|---|---|---|
| EL784008 | 4 ga | 8″ | Lug |
| EL784012 | 4 ga | 12″ | Lug |
| EL784018 | 4 ga | 18″ | Lug |
| EL782014 | 2 ga | 14″ | Terminal |
| EL782024 | 2 ga | 24″ | Terminal |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TOP POST TERMINALS†

Our sand cast copper terminals are 93%–95% pure copper for high conductivity. They are then electroplated with a bright tin finish for corrosion resistance. All terminals feature color coding and raised characters to easily determine gauge, polarity and die code settings.


EL312005


EL321000

EL322003


EL351020

EL372031



| GAUGE | POLARITY | STRAIGHT PN | TEE PN | RIGHT ELBOW PN | LEFT ELBOW PN |
|---|---|---|---|---|---|
| 6 ga | Universal | EL310600 | — | — | — |
| 4 ga | Universal | EL310400 | — | — | — |
| 1–2 ga | Positive | EL310121 | — | — | — |
| 1–2 ga | Negative | EL310122 | — | — | — |
| 1/0 | Positive | EL311003 | EL321000 | EL351010 | EL371011 |
| 1/0 | Negative | EL311004 | EL321001 | EL351020 | EL371021 |
| 2/0 | Positive | EL312005 | EL322002 | EL352030 | EL372031 |
| 2/0 | Negative | EL312006 | EL322003 | EL352040 | EL372041 |
| 3/0 | Positive | EL313007 | EL323004 | EL353050 | EL373051 |
| 3/0 | Negative | EL313008 | EL323005 | EL353060 | EL373061 |
| 4/0 | Positive | EL314009 | EL324006 | EL354070 | EL374071 |
| 4/0 | Negative | EL314010 | EL324007 | EL354080 | EL374081 |

## STUD TOP & SIDE BATTERY TERMINALS†

Standard and stackable terminals have the same cast copper and electroplated tin features as our top post terminals. The anti-rotation lugs are heavy-duty, thick-walled lugs with indented pads and made with 100% electrolytic copper for the highest conductivity. Universal polarity.


31130


31220


EL36200


EL362011


EL382009


EL381020

| GAUGE | SINGLE PN | DOUBLE PN | STACKABLE SINGLE PN | STACKABLE DOUBLE PN | ANTI-ROTATION SINGLE LUGS PN | ANTI-ROTATION DOUBLE LUGS PN |
|---|---|---|---|---|---|---|
| 4 ga | — | — | — | — | EL380406 | — |
| 1–2 ga | — | — | — | — | EL380127 | — |
| 1/0 | 31110 | 31210 | — | — | EL381008 | EL381020 |
| 2/0 | 31120 | 31220 | EL362000 | EL362011 | EL382009 | EL382022 |
| 3/0 | 31130 | 31230 | — | — | EL383010 | EL383024 |
| 4/0 | — | — | — | — | EL384011 | EL384026 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# BATTERY TERMINALS — HARNESS, LEAD & BRASS

## BATTERY HARNESS TERMINALS†

| | POWER PRODUCTS PN | DESCRIPTION | GAUGE | POLARITY |
|---|---|---|---|---|
|  EL300500 | EL300500* | Single Stud | 2/0 | Positive |
|  EL300300  EL300400 | EL300400 | Straight | 2/0 | Positive |
| | EL300300 | Right Angle | 2/0 | Positive |

* Replacements for Freightliner and Volvo. Order 3/8" nut separately.

## LEAD TERMINALS†

| | POWER PRODUCTS PN | DESCRIPTION | GAUGE | POLARITY | STUD |
|---|---|---|---|---|---|
|  EL341001 | EL341001 | Top Post Heavy-Duty | 1 ga — 4/0 | — | — |
|  EL340000 | EL340000 EL340010* | Top Post Medium Duty *10-Count Card PN | 6 ga — 2/0 | — | — |
| | EL343000 | 3-Way Heavy-Duty | 4 ga — 1/0 | Positive | — |
|  EL345038 | EL343005 | 3-Way Heavy-Duty | 4 ga — 1/0 | Negative | — |
| | EL345038 | Marine Terminals | — | Positive | 3/8" |
|  EL344100 | EL345516 | Marine Terminals | — | Negative or Universal | 5/16" |
| | EL344100 | Side Terminals Heavy-Duty | 6-ga — 2/0 | — | — |
|  EL348101 | EL348101 | Universal Bolt-Type | — | Positive | — |
| | EL348242 | Universal Bolt-Type | — | Negative | — |

## BRASS TERMINALS†

| | POWER PRODUCTS PN | DESCRIPTION | GAUGE | POLARITY | STUD |
|---|---|---|---|---|---|
|  EL389400 | EL389400 | 3-Way Heavy-Duty | 4 ga — 1/0 | Positive | — |
|  EL390038 | EL389402 | 3-Way Heavy-Duty | 4 ga — 1/0 | Negative | — |
| | EL390038 | Marine Terminals | — | Positive | 3/8" |
|  EL390516 | EL390516 | Marine Terminals | — | Negative or Universal | 5/16" |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BATTERY LUGS†

We offer both standard copper lugs and heavy walled tin plated lugs. Heavy wall lugs also feature color coding and are made with electrolytic copper for the highest conductivity. Brazed-seam ring terminals are popular for switch-to-starter cable applications or anywhere else requiring the extra strength of a brazed seam. Standard butted seam vinyl or nylon insulated terminals (similar to primary wire terminals) will often split apart at the seam during crimping, resulting in a loose connection.



EL402038 EL400438

Standard Type



Heavy Wall Type



Brazed Seam Type

| | GAUGE | STUD | STANDARD LUG PN | HEAVY WALL LUG PN | BRAZED SEAM RING TERMINAL PN |
|---|---|---|---|---|---|
| | 8 ga | #10 | EL400810 | EL430810 | — |
| | 8 ga | 1/4″ | EL400825 | EL430825 | — |
| | 8 ga | 5/16″ | EL400856 | EL430856 | — |
| | 8 ga | 3/8″ | EL400838 | EL430838 | — |
| | 6 ga | #10 | EL400610 | — | — |
| | 6 ga | 1/4″ | EL400625 | EL430625 | EL470625 |
| | 6 ga | 5/16″ | EL400656 | EL430656 | EL470656 |
| | 6 ga | 3/8″ | EL400638 | EL430638 | EL470638 |
| | 6 ga | 1/2″ | EL400650 | EL430650 | — |
| | 4 ga | 1/4″ | EL400425 | EL430425 | EL470425 |
| | 4 ga | 5/16″ | EL400456 | EL430456 | EL470456 |
| | 4 ga | 3/8″ | EL400438 | EL430438 | EL470438 |
| | 4 ga | 1/2″ | EL400450 | EL430450 | EL470450 |
| | 2 ga | 1/4″ | EL400225 | Use 1 Gauge Heavy Lugs | EL470225 |
| | 2 ga | 5/16″ | EL400256 | | — |
| | 2 ga | 3/8″ | EL400238 | | EL470238 |
| | 2 ga | 1/2″ | EL400250 | | — |
| | 1ga. | 1/4″ | EL400125 | EL430125 | — |
| | 1ga. | 5/16″ | EL400156 | EL430156 | — |
| | 1ga. | 3/8″ | EL400138 | EL430138 | — |
| | 1ga. | 1/2″ | EL400150 | EL430150 | EL470150 |
| | 1/0 | 1/4″ | EL401025 | EL431025 | — |
| | 1/0 | 5/16″ | EL401056 | EL431056 | — |
| | 1/0 | 3/8″ | EL401038 | EL431038 | EL471038 |
| | 1/0 | 1/2″ | EL401050 | EL431050 | EL471050 |
| | 2/0 | 1/4″ | EL402025 | EL432025 | — |
| | 2/0 | 5/16″ | EL402056 | EL432056 | — |
| | 2/0 | 3/8″ | EL402038 | EL432038 | EL472038 |
| | 2/0 | 1/2″ | EL402050 | EL432050 | EL472050 |
| | 3/0 | 3/8″ | EL403038 | EL433038 | — |
| | 3/0 | 1/2″ | EL403050 | EL433050 | — |
| | 4/0 | 1/4″ | EL404025 | — | — |
| | 4/0 | 3/8″ | EL404038 | EL434038 | — |
| | 4/0 | 1/2″ | EL404050 | EL434050 | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# BATTERY TERMINAL ACCESSORIES

## ADAPTERS & POSTS†

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|   EL399401   EL399425  EL399600  EL399523  EL399502 | EL399401 | Lead Side Terminal Charging Post — Positive |
| | EL399425 | Lead Side Terminal Charging Post — Negative |
| | EL399502 | Lead Top Post to Side Terminal Adapter — Negative |
| | EL399523 | Lead Top Post to Stud Top Adapter |
| | EL399600 | Lead Charging Post for Group 31 Stud Top Terminal |

## NUTS & BOLTS

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  EL399005   EL399011  EL399038  EL399111  EL399250  EL399333 | EL399005 | Anti-Corrosion Nut and Bolt |
| | EL399011 | 5/16" Replacement Accessory Bolt for All Post-Style Battery Terminals |
| | EL399038 | Group 31 Stainless Steel 3/8" Stud Nut — Closed Head |
| | EL399111 | Side Mount Bolt |
| | EL399250 | OE Side Mount Bolt |
| | EL399333 | OE Extra Long Side Mount Bolt |

## SPLICE CONNECTORS

Cable splices are heavy walled tin-plated copper. All are color coded for easy gauge determination.

| | POWER PRODUCTS PN | GAUGE |
|---|---|---|
|  EL480012 | EL480008 | 8 ga |
| | EL480006 | 6 ga |
| | EL480004 | 4 ga |
| | EL480012 | 1–2 ga |
| | EL480010 | 1/0 |
| | EL480020 | 2/0 |
| | EL480030 | 3/0 |
| | EL480040 | 4/0 |

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## INDUSTRIAL PUSH-ON CONNECTORS

These connectors are used in both the industrial market and the transportation industry. They are often used as a quick way to attach booster cables on wreckers with a connector outside of the vehicle's grill running back to the battery. A set of booster cables attached to another connector then can be mated to these as needed without the hood having to be raised.



EL415006

| COMPLETE UNIT POWER PRODUCTS PN | AMP RATING | GAUGE |
|---|---|---|
| EL415006 | 50A | 6 ga |
| EL417504 | 175A | 4 ga |
| EL417502 | 175A | 1–2 ga |
| EL417510 | 175A | 1/0 |
| EL413520 | 350A | 2/0 |

## BATTERY CABLE SHRINK TUBING†



Shrink Tubing

| POWER PRODUCTS PN | WIRE SIZE | LENGTH | COLOR | STANDARD PACKAGE |
|---|---|---|---|---|
| **HEAVY WALL** | | | | |
| SHR2006B | 6 ga — 2/0 | 6″ | Black | 5 |
| SHR2006R | 6 ga — 2/0 | 6″ | Red | 5 |
| SHR2486B | 6 ga — 2/0 | 4′ | Black | 1 |
| SHR2486R | 6 ga — 2/0 | 4′ | Red | 1 |
| SHR4002B | 2 ga — 4/0 | 6″ | Black | 5 |
| SHR4002R | 2 ga — 4/0 | 6″ | Red | 5 |
| **MEDIUM WALL** | | | | |
| SHR620B | 6 ga — 2/0 | 6″ | Black | 5 |
| SHR620R | 6 ga — 2/0 | 6″ | Red | 5 |
| SHR6248B | 6 ga — 2/0 | 4′ | Black | 1 |
| SHR6248R | 6 ga — 2/0 | 4′ | Red | 1 |

NOTE: See Page 191 for Primary Wire Shrink Tubing

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BATTERY CHARGERS†


DSR114


DSR115


DSR121


DSR131


SC1300


6006


6001A


6002B


6012

| SCHUMACHER PN | DESCRIPTION | |
|---|---|---|
| **JUMP STARTER & DC PORTABLE POWER SOURCES** | | |
| DSR114 | • Professional Jump Starter-12V<br>• 525 Cranking Amp Jump Starter<br>• Digital Display | • USB Port<br>• Heavy Duty |
| DSR115 | • Professional Jump Starter-12/24V<br>• 750/475CA<br>• Digital Display | • USB Port<br>• Heavy Duty |
| **DSR WHEEL CHARGERS (NEW CHASSIS DESIGN)** | | |
| DSR121 | • 12V Wheel Charger<br>• 250A Engine Start<br>• 50A Boost Charge | • 15A Fast Charge<br>• 4A Maintain<br>• 12V DC Power Outlet<br>• Standard/AGM |
| DSR131 | • 6/12V Wheel Charger<br>• 250A 12V Engine Start<br>• 50A Boost Charge | • 2A<>6A Maintain<br>• Standard/AGM |
| **HAND-HELD BATTERY CHARGERS** | | |
| SC1300 | • 6/12V Charger/Maintainer<br>• 1.5 Amp On-Board Mount | • Automatic<br>• Standard/AGM |

| ASSOCIATED EQUIPMENT PN | DESCRIPTION | |
|---|---|---|
| **HD CONVENTIONAL CHARGER** | | |
| 6006* | • Commercial Fleet Charger<br>• 6/12/24V Heavy-Duty<br>• 280A Boost Charge 12V | • 500A Clamps<br>• All Weather Safe Unit<br>• 5-Year Limited Warranty |
| **HD COMMERCIAL CHARGERS** | | |
| 6001A* | • Commercial Fleet Charger<br>• 6/12V Heavy-Duty<br>• 375A Boost Charge 12V | • 500A Clamps<br>• All Weather Safe Unit<br>• 5-Year Limited Warranty |
| 6002B* | • Commercial Fleet Charger<br>• 6/12/18/24V Heavy-Duty<br>• 400A Boost Charge 12V | • 500A Clamps<br>• All Weather Safe Unit<br>• 5-Year Limited Warranty |
| **PROFESSIONAL FAST BATTERY CHARGER** | | |
| 6012* | Commercial Fleet Charger<br>250A Boost Charge 12V | 400A Clamps<br>All Weather Safe Unit<br>5-Year Limited Warranty |

* Made in USA

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BATTERY TESTERS†

ASSOCIATED

| | ASSOCIATED EQUIPMENT PN | LOAD | WARRANTY | BATTERY |
|---|---|---|---|---|
|  6026  6024 | 6026 | 135A | 1 Year | 12V Only |
| | 6024 | 125A | 1 Year | 12V & 24V |

## TERMINAL PROTECTORS

Made in USA

- Terminal protectors extend the life of batteries and terminals
- Helps prevent corrosion

Deka

| | DEKA PN | COLOR | TYPE | PACKAGING | QUANTITY | WEIGHT |
|---|---|---|---|---|---|---|
|  | 00237 | Black | Top | Jar of 100 | 6 | 5 lb |

## TESTING & SPECIALTY CLAMPS

HEAVY POWER PRODUCTS DUTY

| | POWER PRODUCTS PN | LENGTH | AMP |
|---|---|---|---|
|  EL560050  EL562050 | EL560050 | 4-7/64" | 50A |
| | EL562050 | 4-7/64" | 50A w/ Insulators |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BOOSTER CABLE — BULK†

- 100% copper stranding PVC insulation for making your own custom length booster cables. Available in 100′ rolls.
- Co-extruded cable
- Temperature: Rated -40°C (-40°F) to 80°C (176°F)

| | POWER PRODUCTS PN | HD VALUE PN | GAUGE | COLOR |
|---|---|---|---|---|
|  | EL924100* | HDV-924100 | 4 ga | Black/White |

* Made in USA

## BOOSTER CABLES†

- Made with bonded 4-gauge cable with standard clamps

| | POWER PRODUCTS PN | HD VALUE PN | LENGTH | COPPER CONTENT |
|---|---|---|---|---|
| EL100416  | EL100412* | — | 12′ | 100% Copper |
| | EL100416 | HDV-100416 | 16′ | Copper / Clad Aluminum |
| | — | HDV-100420 | 20′ | Copper / Clad Aluminum |

- Made with bonded cable with parrot jaw clamps

| | POWER PRODUCTS PN | HD VALUE PN | GAUGE | LENGTH | COPPER CONTENT |
|---|---|---|---|---|---|
| EL100420P  | EL100416P* | — | 4 ga | 16′ | 100% Copper |
| | EL100420P* | HDV-100420P | 4 ga | 20′ | 100% Copper |
| | EL100220P | HDV-100220P | 2 ga | 20′ | Copper / Clad Aluminum |
| | — | HDV-100224P | 2 ga | 24′ | Copper / Clad Aluminum |
| | EL100225P* | HDV-100225P | 2 ga | 24′ | 100% Copper |
| EL922600  | EL922600 | HDV-922600 | Pair — Replacement Parrot Jaw Clamps | | |

* Made in USA

## BOOSTER CABLES — PLUG IN†

- 100% copper conductor
- Useful for wreckers, fleets and service equipment

| | POWER PRODUCTS PN | HD VALUE PN | GAUGE | LENGTH |
|---|---|---|---|---|
|  EL700504 | EL700504* | HDV-700504 | 4 ga | 20′ (5′ battery connector cable w/ 15′ of booster cable |
|  EL700502 | EL700502* | HDV-700502 | 2 ga | 30′ (5′ battery connector cable w/ 25′ of booster cable |

* Made in USA

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GPT PRIMARY WIRE† Made in USA

Our primary wire meets or exceeds SAE J1128 & SAE J378 type GPT specifications. It's rated to +176° F (80° C) and features a tough thermoplastic insulation that resists acid, oil and moisture. We offer a wider variety of colors than most of our competitors, and also offer a wide variety of lengths to satisfy the diverse requirements of our customers.



100' Rolls

| COLOR | 8 GA PN | 10 GA PN | 12 GA PN | 14 GA PN | 16 GA PN | 18 GA PN |
|---|---|---|---|---|---|---|
| Black | EL608000 | EL610000 | EL612000 | EL614000 | EL616000 | EL618000 |
| Red | EL608020 | EL610020 | EL612020 | EL614020 | EL616020 | EL618020 |
| White | EL608040 | EL610040 | EL612040 | EL614040 | EL616040 | EL618040 |
| Brown | — | EL610060 | EL612060 | EL614060 | EL616060 | EL618060 |
| Blue | — | EL610080 | EL612080 | EL614080 | EL616080 | EL618080 |
| Green | — | EL610110 | EL612110 | EL614110 | EL616110 | EL618110 |
| Yellow | — | EL610130 | EL612130 | EL614130 | EL616130 | EL618130 |
| Orange | — | — | EL612150 | EL614150 | EL616150 | — |
| Grey | — | — | EL612170 | EL614170 | EL616170 | — |
| Purple | — | — | EL612190 | EL614190 | EL616190 | — |
| Pink | — | — | EL612250 | EL614250 | EL616250 | — |

## GPT PRIMARY WIRE — MINI/MAXI SPOOLS† Made in USA

Type GPT primary wire is also available in longer and shorter lengths. For maxi-spools, change the last digit of the 100' spool part number to 3. For mini-spools change the last digit to 6. Mini-Spools are not available in pink, purple or gray. Factory reel and barrel lengths are available.



| GAUGE | MAXI SPOOL | | MINI SPOOL | |
|---|---|---|---|---|
| | LENGTH | AVAILABLE COLORS | LENGTH | AVAILABLE COLORS |
| 10 ga | 500' | Black, Red, White | 10' | Black, Red, White, Blue |
| 12 ga | 500' | Black, Red, Blue | 15' | Black, Red, White, Blue, Green |
| 14 ga | 1,000' | Black, Red, White, Brown, Blue, Green, Yellow | 25' | Black, Red, White, Brown, Blue, Green, Yellow, Orange |
| 16 ga | 1,000' | Black, Red, Blue, Green | 35' | Black, Red, White, Brown, Blue, Green, Yellow |
| 18 ga | 1,000' | N/A | 45' | Black, Red |

## PRIMARY WIRE SPOOL RACK

Heavy steel wire spool rack has 4-5/8" steel rods to hold spools up to 10' in diameter.



| POWER PRODUCTS PN | DESCRIPTION |
|---|---|
| EL680500 | 26"W × 37"H × 6"D |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PARALLEL PRIMARY WIRE — JACKETED† Made in USA

Made to SAE J1128 and SAE J378 specifications, our jacketed multi-conductor primary wire is rated to 221°F (105°C). It features a heavy-duty grey PVC jacket and is available in 100′ and 500′ spools. Standard colors:

- Two conductors (duplex): Black, White
- Three conductors (triplex): Black, White, Green
- Four conductors (quadraplex): Black, White, Green, Red (factory reel lengths are also available)




| CONFIGURATION | 100′ SPOOL PN | 500′ SPOOL PN |
|---|---|---|
| 2/10 ga | EL652100 | — |
| 2/12 ga | EL652120 | EL652125 |
| 2/14 ga | EL652140 | EL652145 |
| 2/16 ga | EL652160 | EL652165 |
| 3/12 ga | EL653120 | — |
| 3/14 ga | EL653140 | EL653145 |
| 4/12 ga | EL654120 | — |
| 4/14 ga | EL654140 | — |
| 4/16 ga | EL654160 | — |

## PARALLEL PRIMARY WIRE — BONDED† Made in USA

Made to SAE J1128 and SAE J378 specifications, our bonded parallel primary wire is rated to 176°F (80°C) and is available in 100′ and 500′ spools. Factory reel lengths are also available. Standard colors:

- Two conductors: Black, Red
- Three conductors: Brown, Yellow, Green
- Four conductors: White, Brown, Yellow, Green




| CONFIGURATION | 100′ SPOOL PN | 500′ SPOOL PN |
|---|---|---|
| 2/14 ga | EL672140 | — |
| 2/16 ga | EL672160 | — |
| 3/14 ga | EL673140 | EL673145 |
| 3/16 ga | EL673160 | EL673165 |
| 4/14 ga | EL674140 | EL674145 |
| 4/16 ga | EL674160 | EL674165 |

## WIRE CONNECTORS

**Performance Plus:** These terminals feature soft flexible skirts and replace several different sizes of wire nuts with one unit.





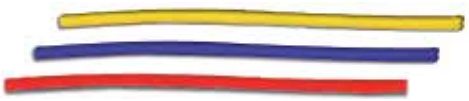


| 3M PN | COLOR | MINIMUM | MAXIMUM |
|---|---|---|---|
| 43152 | Orange/Blue | 2×22 ga | 2×12 or 3×14 ga |
| 43154 | Red/Yellow | 2×18 ga | 2×8 or 5×12 ga |
| 43150 | Blue/Gray | 4×14 ga | 2×6 ga |

†Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SHRINK TUBING†

Our shrink tubing for primary wire is single walled, color coded, and a cross linked polyolefin with a 2-to-1 shrink ratio. It can be used for insulation, harnessing, strain relief and identification purposes, and is resistant to common fluids and solvents.

| | POWER PRODUCTS PN | WIRE SIZE | STANDARD PACKAGE | LENGTH | COLOR |
|---|---|---|---|---|---|
| Thin Wall for Primary Wire  | SHR1822 | 18-20 ga | 10 | 6″ | Red |
| | SHR8R | | 1 | 8′ | |
| | EL691848 | | 1 | 48″ | |
| | SHR1416 | 14-16 ga | 10 | 6″ | Blue |
| | SHR8B | | 1 | 8′ | |
| | EL691448 | | 1 | 48″ | |
| | SHR1012 | 10-12 ga | 10 | 6″ | Yellow |
| | SHR8Y | | 1 | 8′ | |
| | EL691048 | | 1 | 48″ | |

See Page 185 for battery cable shrink tubing.

## SHRINK TUBE ASSORTMENTS†

- 235 pieces
- 2:1 shrink ratio
- 6″ sections of 8 different diameter tubes
- Tubes shrink to fit over cable splices and can be used for wire harnessing, covering, marking and bundling of wires



ATD-393



HDV-SHR120

HDV-SHR185BL

| | PN | SIZE | QTY | SIZE | QTY |
|---|---|---|---|---|---|
| | ATD-393 | 3/32″ | 40 | 3/8″ | 10 |
| | | 1/8″ | 55 | 1/2″ | 10 |
| | | 3/16″ | 55 | 5/8″ | 5 |
| | | 1/4″ | 55 | 3/4″ | 5 |

| HD VALUE PN | DESCRIPTION |
|---|---|
| HDV-SHR120 | 120-Piece Color Heat Shrink Tubing Kit |
| HDV-SHR185BL | 185-Piece Black Heat Shrink Tubing Kit |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## POWER TIPS
TERMINAL FACTS

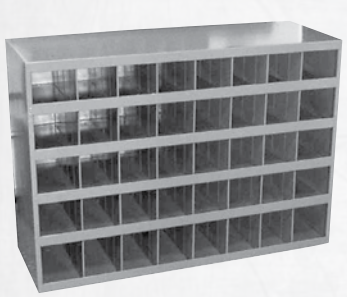
### Primary Wire Terminals
Primary wire terminals are often dismissed as nickel and dime items, but they are too important to the electrical system to take lightly. Using a cheaply made terminal can lead to poor conductivity, shorts, and time wasted trying to determine the cause of lighting problems.

### Vinyl Insulated Terminals
These are the general purpose terminals, and are good for most basic uses. Ours feature molded insulation with a funnel entry. The funnel entry helps prevent wires from hanging up when they are inserted into the crimp area of the terminal. This speeds up installation, and ensures more wires are inside the terminal conducting electricity. Beware of cheaper terminals made with extruded vinyl insulation. This is cheaper, but splits easily and cannot be made with funnel entry. Power Products terminals are also made from tin plated copper for premium conductivity.

### Seamless Nylon Insulated Terminals
These are used when higher temperatures are expected (such as in the engineer compartment) or when a greater pullout strength is needed. The brazed seam in the crimp area holds wire stronger than the butted seam of vinyl insulated terminals.

### Shrink Tube Insulated Terminals
These are popular on "higher value" circuits, such as when making repairs to a trailer harness, or for use with LED lights or other items that will have a long life. These terminals feature shrink tubing with an adhesive liner, that seals out moisture and corrosion.

### Non-Insulated Terminals
These are mostly used when they will be soldered onto the wire. They can also be used with liquid electrical tape or shrink tubing to provide insulation.

| | PN | DESCRIPTION |
|---|---|---|
|  BFC64 | 40B | • 33-3/4″×23-7/8″×12″<br>• 40 Open Bins |
| | BFC64 | • 25-7/8″×21-3/8″×6 3/8″<br>• 64 Clear Plastic Drawers |

## RING TERMINALS†



22-18 Gauge



16-14 Gauge



12-10 Gauge

| GAUGE | STUD | VINYL PN | SEEMLESS NYLON PN | HEAT SHRINK PN |
|---|---|---|---|---|
| 22-18 awg | #10 | EL181510 | — | EL181510S |
| 22-18 awg | 1/4″ | — | — | EL181514S |
| 22-18 awg | 5/16″ | — | — | EL181556S |
| 22-18 awg | 3/8″ | — | — | EL181538S |
| 16-14 awg | #6 | EL141506 | — | — |
| 16-14 awg | #8 | EL141508 | — | EL141508S |
| 16-14 awg | #10 | EL141510 | — | EL141510S |
| 16-14 awg | 1/4″ | EL141514 | — | — |
| 16-14 awg | 3/8″ | EL141538 | — | — |
| 12-10 awg | #10 | EL101510 | — | — |
| 12-10 awg | 1/4″ | EL101514 | — | — |
| 12-10 awg | 5/16″ | EL101556 | — | — |
| 12-10 awg | 3/8″ | EL101538 | — | — |
| 8 awg | 1/4″ | — | EL081514 | — |
| 8 awg | 3/8″ | — | EL081538N | — |
| 8 awg | 1/2″ | — | EL081512N | — |
| 6 awg | 3/8″ | — | EL061538N | — |
| 6 awg | 1/2″ | — | EL061512N | — |

## QUICK CONNECT TERMINALS†



Vinyl



Seamless Nylon



Fully-Insulated Seamless Nylon



Fully-Insulated Shrink Tube

| GAUGE | VINYL PN | SEEMLESS NYLON PN | SHRINK TUBE PN |
|---|---|---|---|
| **MALE** | | | |
| 16-14 awg — .250″ | EL142510 | EL142510N | — |
| 16-14 awg — .250″ Fully-Insulated | — | EL142610N | EL142610S |
| **FEMALE** | | | |
| 16-14 awg — .250″ | EL142500 | — | — |
| 16-14 awg — .250″ Fully-Insulated | — | EL142600N | EL142600S |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## QUICK DISCONNECT TERMINALS FULLY INSULATED†



P4-50206
P4-50207
P4-50208
P4-50209

| GAUGE | SIZE | PACK | NYLON PN | HEAT SHRINK PN |
|---|---|---|---|---|
| 22-18 awg | .250" Male | 15 | P4-50206R | P4-40178R (25) |
| 22-18 awg | .250" Male | 50 | P4-50206 | — |
| 22-18 awg | .250" Female | 15 | P4-50207R | P4-40179R (25) |
| 22-18 awg | .250" Female | 50 | P4-50207 | — |
| 16-14 awg | .250" Male | 15 | P4-50208NR | P4-40182R (25) |
| 16-14 awg | .250" Male | 50 | P4-50208N | — |
| 16-14 awg | .250" Female | 15 | P4-50209NR | P4-40183R |
| 16-14 awg | .250" Female | 50 | P4-50209N | — |
| 12-10 awg | .250" Male | 15 | P4-20212NR | P4-40200R |
| 12-10 awg | .250" Male | 50 | P4-20212N | |
| 12-10 awg | .250" Female | 15 | — | P4-40199R |
| 12-10 awg | .250" Female | 50 | P4-20213N | |

## QUICK DISCONNECT TERMINALS†



P4-20194R



P4-20089R



P4-50180NR



P4-50181NR



P4-50186NR

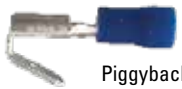


P4-50187NR

| GAUGE | SIZE | PACK | VINYL PN | NYLON PN | HEAT SHRINK PN |
|---|---|---|---|---|---|
| 22-18 awg | .250" Male | 15 | P4-50177R | — | P4-40177R |
| 22-18 awg | .250" Male | 100 | P4-50177 | — | — |
| 22-18 awg | .250" Male | 15 | P4-50176R | — | P4-40176R |
| 22-18 awg | .250" Male | 100 | P4-50176 | — | — |
| 16-14 awg | .110" Male | 15 | P4-20089R | — | — |
| 16-14 awg | .110" Male | 15 | P4-20194R | — | — |
| 16-14 awg | .250" Male | 15 | P4-50181R | P4-50181NR | P4-40181R |
| 16-14 awg | .250" Male | 100 | P4-50181 | — | — |
| 16-14 awg | .250" Male | 15 | P4-50180R | P4-50180NR | P4-40180R |
| 16-14 awg | .250" Male | 100 | P4-50180 | — | — |
| 12-10 awg | .250" Male | 15 | P4-50186R | P4-50186NR | P4-40186R |
| 12-10 awg | .250" Male | 100 | P4-50186 | — | — |
| 12-10 awg | .250" Male | 15 | P4-50187R | P4-50187NR | P4-40187R |
| 12-10 awg | .250" Male | 100 | P4-50187 | — | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PIGGYBACK & FLAG QUICK DISCONNECTS†



Piggyback



Flag

| GAUGE | SIZE | PACK | TYPE | VINYL PN | FULLY INSULATED NYLON PN |
|---|---|---|---|---|---|
| 16-14 awg | .250″ Male | 15 | Piggyback | P4-20663R | — |
| 16-14 awg | .250″ Male | 15 | Flag | — | P4-20189R |
| 16-14 awg | .250″ Female — 2<br>.250″ Male — 1 | 15 | Piggyback | — | — |
| — | .250″ Male | — | Union | EL250250 | — |

## SPADE TERMINALS†



P4-50070R



P4-50150

| GAUGE | SIZE | PACK | VINYL PN | HEAT SHRINK PN |
|---|---|---|---|---|
| 22-18 awg | #10 | 15 | P4-50070R | — |
| 16-14 awg | #6 | 15 | P4-50140R | — |
| 16-14 awg | #6 | 100 | P4-50140 | — |
| 16-14 awg | #8 | 15 | P4-50150R | — |
| 16-14 awg | #6 | 100 | P4-50150 | — |
| 16-14 awg | #10 | 15 | P4-50160R | P4-40160R |
| 16-14 awg | #10 | 100 | P4-50160 | — |
| 12-10 awg | #6 | 15 | P4-50270R | — |
| 12-10 awg | #6 | 15 | P4-50280R | — |
| 12-10 awg | #10 | 15 | P4-50290R | — |
| 12-10 awg | #10 | 100 | P4-50290 | P4-40290 (50) |

## BULLET CONNECTOR TERMINALS†



P4-20485VR



P4-20484VR

| GAUGE | SIZE | PACK | VINYL PN | NYLON PN | HEAT SHRINK PN |
|---|---|---|---|---|---|
| 16-14 awg | .157″ Male | 15 | — | P4-20184R | P4-40184 (10) |
| 16-14 awg | .157″ Male | 100 | P4-20184V | — | — |
| 16-14 awg | .157″ Female | 15 | — | P4-20185R | P4-40185 (10) |
| 16-14 awg | .157″ Female | 100 | P4-20185V | — | — |
| 16-14 awg | .195″ Male | 15 | P4-20484VR | — | — |
| 16-14 awg | .195″ Female | 15 | P4-20485VR | — | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BUTT SPLICE CONNECTORS† Made in USA

| | GAUGE | VINYL PN | SEAMLESS NYLON PN | SHRINK TUBE PN | NON-INSULATED PN |
|---|---|---|---|---|---|
|  EL101000 | 22-18 awg | EL181000 | EL181000N | EL181000S | EL181000U |
|  EL141000 | 16-14 awg | EL141000 | EL141000N | EL141000S | EL141000U |
| | 12-10 awg | EL101000 | EL101000N | EL101000S | EL101000U |
|  EL181000 | 8 awg | EL081000 | — | — | — |
| | 6 awg | EL061000 | — | — | — |

## SOLDER & CRIMP BUTT SPLICE CONNECTORS† Made in USA

| | GAUGE | PACK | SOLDER & SEAL PN | PACK | CRIMP — SOLDER & SEAL PN |
|---|---|---|---|---|---|
|  P4-80082 | 22-18 awg | 15 | P4-60082R | 5 | P4-80082R |
| | 22-18 awg | 100 | P4-60082 | 25 | P4-80082 |
|  P4-60082  P4-80312 | 16-14 awg | 15 | P4-60172R | 5 | P4-80172R |
| | 16-14 awg | 100 | P4-60172 | 25 | P4-80172 |
|  P4-60172  P4-80172 | 12-10 awg | 15 | P4-60312R | 5 | P4-80312R |
| | 12-10 awg | 100 | P4-60312 | 25 | P4-80312 |

## STEP DOWN BUTT SPLICE CONNECTORS†

| | GAUGE | PACK | VINYL PN | HEAT SHRINK PN |
|---|---|---|---|---|
|  | 22/18-16/14 awg | 10 | P4-20316R | P4-40316R (15)* |
| | 16/14-12/10 awg | 10 | P4-20317R | P4-40317R (15)* |
| | 12/10-8 awg | 10 | P4-20318R | — |

* Made in USA

## CLOSED END PIGTAIL CONNECTORS† Made in USA

| | GAUGE | PACK | VINYL PN |
|---|---|---|---|
|  | 22-18 awg | 100 | P4-20569 |
| | 16-14 awg | 15 | P4-20570R |
| | 16-14 awg | 100 | P4-20570 |
| | 12-10 awg | 100 | P4-20571 |
| | 8 awg | 50 | P4-20572 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## QUICK TAP TYPE CONNECTORS



P4-20511



P4-20500



P4-20510

| GAUGE | COLOR | PN | PACK |
|---|---|---|---|
| 10-12 awg | Yellow | P4-20511 | 5 |
| 18-14 awg | Blue | P4-20500R | 5 |
| 18-14 awg | Blue | EL140000 | 10 |
| 22-16 awg | Red | P4-20510 | 5 |

## T TAP CONNECTOR†

Made in USA



| GAUGE | PACK | VINYL PN |
|---|---|---|
| 18-14 awg | 5 | P4-20515R |

## FUSE HOLDER TAP CONNECTOR



| FUSE TYPE | PACK | PN |
|---|---|---|
| ATO/ATC Blade | 3 | P4-20524R |

## 3-WAY & 4-WAY CONNECTORS†

Made in USA



3-Way



4-Way

| TYPE | GAUGE | VINYL PN | SHRINK TUBE PN |
|---|---|---|---|
| 3-Way | 16-14 awg | EL140300 | EL140300S |
| 3-Way | 12-10 awg | EL100300 | EL100300S |
| 4-Way | 16-14 awg | EL140400 | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# ELECTRICAL — WIRE TERMINAL KITS

## TERMINAL ASSORTMENTS & KITS†

| | PN | DESCRIPTION |
|---|---|---|
|  EL199950  HDV-TK454  EL199240  HDV-TK101 | EL199950* | 175-Piece Vinyl Terminal Assortment |
| | HDV-TK454 | 454-Piece Nylon Terminal Assortment |
| | EL199240* | 240-Piece Vinyl Terminal Kit w/ Tool |
| | HDV-TK101 | 101-Piece PVC Terminal Kit w/ Tool |

* Made in USA

## EMERGENCY TERMINAL ASSORTMENT KITS†

- Primary Wire Terminal Crimper
- 12V DC Test Light
- Miniature Screw Drivers
- Battery Terminal Brush
- Test Leads
- Fuse Puller
- Glass & Blade Fuses
- Short Length of Primary Wire
- Roll of Electrical Tape
- Heat Shrink Tubing
- 10-22 ga Vinyl Butt Connectors
- 10-22 ga Vinyl Ring Terminals
- 14-16 ga Vinyl Spade Terminals
- 14-16 ga Tap Connectors
- 14-16 ga Fully Insulated Quick Disconnects
- 14-16 ga Female Disconnects
- Wire Nuts, Cable Ties & Grommets
- Nylon Cable Clamps

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  | EL199970 | 208-Piece Emergency Wiring Repair Kit |

- Wire Ties
- Quick Splices
- Wire Clamps
- Insulated Terminals
- Wire Nuts
- Hook & Loop Ties
- Test Leads
- Electrical Tape
- 18 ga Primary Wire
- Fuse Puller
- 4-Way Crimp Tool
- Long-Nose Pliers/Cutter
- DC Voltage Tester
- Insulated Shaft Screwdrivers

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
|  | HDV-RK399 | 399-Piece Electrical Repair Kit |

## CONNECTOR ASSORTMENTS†

| | PN | DESCRIPTION |
|---|---|---|
| HDV-BC76 HDV-QD80  HDV-RC80 | EL460543 | 20 Piece Assorted Butt Connectors |
| | HDV-BC76 | 76 Piece Assorted Butt Connectors |
| | HDV-QD80 | 80 Piece Assorted Quick Disconnects |
| | HDV-RC80 | 80 Piece Assorted Ring Connectors |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SPLIT LOOM

Made from convoluted black polyethylene tubing. Loom is split down the middle to allow easy insertion and inspection of wire or cable and has an operating range of -40°F (-40°C) to +200°F (+93°C).



| POWER PRODUCTS PN | LOOM ID | LENGTH |
|---|---|---|
| LM404-100 | 1/4″ | 100′ |
| LM406-100 | 3/8″ | 100′ |
| LM408-100 | 1/2″ | 100′ |
| LM410-100 | 5/8″ | 100′ |
| LM412-100 | 3/4″ | 100′ |
| LM416-100 | 1″ | 100′ |
| LM420-100 | 1-1/4″ | 100′ |
| LM406-50 | 3/8″ | 50′ |
| LM412-50 | 3/4″ | 50′ |
| LM416-50 | 1″ | 50′ |
| LM420-25 | 1-1/4″ | 25′ |
| LM424-25 | 1-1/2″ | 25′ |
| LM432-25 | 2″ | 25′ |

## SPIRAL WRAP

Spiral wrap is made from UV resistant black polyethylene and has a temperature range of –105°F to 215°F and comes spooled in bulk rolls of 100′.



| POWER PRODUCTS PN | WALL THICKNESS | BUNDLE RANGE |
|---|---|---|
| SW404-100 | .040″ | 3/16″–1″ |
| SW406-100 | .052″ | 5/16″–2″ |
| SW408-100 | .062″ | 3/8″–3″ |
| SW410-100 | .062″ | 5/8″–4″ |
| SW412-100 | .065″ | 3/4″–5″ |
| SW416-100 | .070″ | 1″–6″ |

## PUSH MOUNT CABLE TIES



| PN | LENGTH | TENSILE STRENGTH | WIDTH | THICKNESS | MOUNT HEAD SCREW SIZE |
|---|---|---|---|---|---|
| TW8-P-PP | 8.3″ | 50 lb | .18″ | 0.06 | 1/4″ |

## NYLON CABLE TIES

- RoHOS compliant
- UL62275 Type 2 and 21 approved
- Manufactured using nylon 6/6
- Exceeds minimum tensile strength
- UV-resistant



| NATURAL PN | UV BLACK PN | LENGTH | TENSILE STRENGTH | WIDTH | MAXIMUM DIAMETER | TYPE |
|---|---|---|---|---|---|---|
| TW4-PP | TW4B-PP | 4″ | 18 lb | .10″ | 1/4″ | Standard |
| TW8-PP | TW8B-PP | 8″ | 50 lb | .14″ | 2-1/8″ | |
| TW8M | TW8BM-PP | 8″ | 50 lb | .19″ | 2″ | Mounting Head |
| TW11-PP | TW11B-PP | 11″ | 50 lb | .19″ | 2-7/8″ | Standard |
| TW14-PP | TW14B-PP | 14″ | 50 lb | .19″ | 4″ | |
| TW15H-PP | TW15BH-PP | 15″ | 120 lb | .30″ | 4″ | Heavy-Duty |
| TW15HM | TW15BHM-PP | 15″ | 120 lb | .19″ | 3″ | HD Mounting Head |
| TW24-PP | TW24B-PP | 24″ | 175 lb | .35″ | 7-1/2″ | Heavy-Duty |
| TW48 | TW48B-PP | 48″ | 175 lb | .35″ | 12″ | |

## SEVERE WEATHER CABLE TIES

- Extended UV Sunlight Protection
- For installs down to -4°F (-20°C)
- Reinforced nylon 6/6



| PN | LENGTH | TENSILE STRENGTH | WIDTH | THICKNESS |
|---|---|---|---|---|
| TW8-S-PP | 8″ | 50 lb | .18″ | .054″ |
| TW11-S-PP | 11″ | 50 lb | .18″ | .054″ |
| TW14-S-PP | 14.6″ | 50 lb | .18″ | .054″ |
| TW15-S-PP | 15″ | 120 lb | .298″ | .069″ |

## COLOR CABLE TIES

- 8″ / 50 pounds Tensile Strength



| PN | COLOR | PACK COUNT | PN | COLOR | PACK COUNT |
|---|---|---|---|---|---|
| TW8-BLU | Blue | 25 | TW8-PUR | Purple | 25 |
| TWS-GRAY | Gray | 25 | TW8-RED | Red | 25 |
| TW8-GRN | Green | 25 | TW8-YEL | Yellow | 25 |
| TW8-0RN | Orange | 25 | TW8-Z-PP | Assorted | 100 |

## BUTTON HEAD CABLE TIES



| POWER PRODUCTS PN | LENGTH | STRENGTH | PACK COUNT |
|---|---|---|---|
| EL580900 | 9-5/8″ | 100 lb | 50 |

## FRAME CLIPS

| | POWER PRODUCTS PN | FITS FRAME | HOLDS WIRES | PACK COUNT |
|---|---|---|---|---|
|  EL540000 | EL540000 | 1/8″–1/4″ | 1–2 — 14 ga | 25 |
| | EL540001 | | 2–3 — 14 ga | |
| | EL540002 | 3/16″–3/8″ | 4–5 — 14 ga | |

## TUBE CLAMPS*

Tube clamps are available in plastisol dipped or EPDM rubber cushioned versions. Both are made from galvanized steel and have mounting holes for 1/4″ studs.

| | SIZE | PLASTISOL DIPPED PN | RUBBER CUSHIONED PN | DOUBLE CLAMP PN |
|---|---|---|---|---|
|  EL540003 EL540005 EL540008 Plastisol Dipped Design | 1/4″ | EL540004 | EL540104 | |
| | 5/16″ | EL540005 | — | |
| | 3/8″ | EL540006 | EL540106 | |
| | 7/16″ | EL540007 | — | |
| | 1/2″ | EL540008 | EL540108 | EL540208 |
| | 9/16″ | EL540009 | — | — |
| | 5/8″ | EL540010 | EL540110 | — |
| | 3/4″ | EL540012 | EL540112 | EL540212 |
| | 7/8″ | EL540014 | EL540114 | — |
|  EL540112 | 1″ | EL540016 | EL540116 | EL540216 |
| | 1-1/8″ | EL540018 | EL540118 | — |
| | 1-1/4″ | EL540020 | EL540120 | EL540220 |
|  EL540124 Rubber Cushioned Design | 1-3/8″ | EL540022 | — | |
| | 1-1/2″ | EL540024 | EL540124 | |
| | 1-3/4″ | — | EL540128 | — |
| | 2″ | | EL540132 | |
| | 2-1/2″ | | EL540140 | |
| | 3″ | | EL540148 | |

NOTE: Most packs come in 25 or 10. Call your PDC Sales Rep for details.

# ELECTRICAL — ASSORTED FUSES

High quality fuses are offered in a wide variety of styles and amperages. Order 5 packs by the fuse and retail packed fuses by the card. Order by packaging prefix, type and then amperage. Thus, a standard 30 amp blade fuse in a retail pack would be PN AT030-BP or BP/ATC30.

## ATC / ATO BLADE FUSES†

Littelfuse Bussmann by ETON

Fuses are UL recognized and feature an enclosed element for electrical isolation, corrosion resistance, and longer service life.



| COLOR CODE | AMPS | LITTELFUSE PN | BUSSMANN PN | LITTELFUSE BLISTER PK PN* | BUSSMANN BLISTER PK PN* | BUSSMANN VALUE PK PN** |
|---|---|---|---|---|---|---|
| Black | 1A | ATO1 | ATC-1 | ATO1-BP | BP/ATC-1-RP | — |
| Gray | 2A | ATO2 | ATC-2 | ATO2-BP | BP/ATC-2-RP | — |
| Violet | 3A | ATO3 | ATC-3 | ATO3-BP | BP/ATC-3-RP | VP/ATC-3-RP |
| Pink | 4A | ATO4 | ATC-4 | ATO4-BP | BP/ATC-4-RP | VP/ATC-4-RP |
| Tan | 5A | ATO5 | ATC-5 | ATO5-BP | BP/ATC-5-RP | VP/ATC-5-RP |
| Brown | 7-1/2A | ATO7.5 | ATC-7-1/2 | ATO7.5-BP | BP/ATC-7-1/2-RP | VP/ATC-7-1/2-RP |
| Red | 10A | ATO10 | ATC-10 | ATO10-BP | BP/ATC-10-RP | VP/ATC-10-RP |
| Blue | 15A | ATO15 | ATC-15 | ATO15-BP | BP/ATC-15-RP | VP/ATC-15-RP |
| Yellow | 20A | ATO20 | ATC-20 | ATO20-BP | BP/ATC-20-RP | VP/ATC-20-RP |
| Clear | 25A | ATO25 | ATC-25 | ATO25-BP | BP/ATC-25-RP | VP/ATC-25-RP |
| Green | 30A | ATO30 | ATC-30 | ATO30-BP | BP/ATC-30-RP | VP/ATC-30-RP |
| Bl-Gn | 35A | — | ATC-35 | — | — | — |
| Orange | 40A | ATO40 | ATC-40 | ATO40-BP | BP/ATC-40-RP | VP/ATC-40-RP |

## ATM / MINI BLADE FUSES†

Littelfuse Bussmann by ETON

Fuses feature an enclosed element for electrical isolation, corrosion resistance, and longer service life.




| COLOR CODE | AMPS | LITTELFUSE PN | BUSSMANN PN | LITTELFUSE BLISTER PK PN* | BUSSMANN BLISTER PK PN* | BUSSMANN VALUE PK PN** |
|---|---|---|---|---|---|---|
| Black | 1A | — | ATM-1 | — | — | — |
| Gray | 2A | MIN2 | ATM-2 | MIN2-BP | BP/ATM-2-RP | VP/ATM-2-RP |
| Violet | 3A | MIN3 | ATM-3 | MIN3-BP | BP/ATM-3-RP | VP/ATM-3-RP |
| Pink | 4A | MIN4 | ATM-4 | MIN4-BP | BP/ATM-4-RP | VP/ATM-4-RP |
| Tan | 5A | MIN5 | ATM-5 | MIN5-BP | BP/ATM-5-RP | VP/ATM-5-RP |
| Brown | 7-1/2A | MIN7.5 | ATM-7-1/2 | MIN7.5-BP | BP/ATM-7-1/2-RP | VP/ATM-7-1/2-RP |
| Red | 10A | MIN10 | ATM-10 | MIN10-BP | BP/ATM-10-RP | VP/ATM-10-RP |
| Blue | 15A | MIN15 | ATM-15 | MIN15-BP | BP/ATM-15-RP | VP/ATM-15-RP |
| Yellow | 20A | MIN20 | ATM-20 | MIN20-BP | BP/ATM-20-RP | VP/ATM-20-RP |
| Clear | 25A | MIN25 | ATM-25 | MIN25-BP | BP/ATM-25-RP | VP/ATM-25-RP |
| Green | 30A | MIN30 | ATM-30 | MIN30-BP | BP/ATM-30-RP | VP/ATM-30-RP |

* Blister Pack — 5 fuses per pack

** Value Pack/Pro-Pack — 25 fuses per pack

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## MAXI BLADE FUSES MALE / FEMALE†

Littelfuse Bussmann by EATON

Male and the new female maxi fuses are available in 20 to 80 amp ratings. Both are available in boxes or retail packs of 1. Male maxi fuses are also offered in bags of 10.

- MAXI — Maxi fuses protect circuits in the wiring harness — usually found under the hood, in a fuse panel, or supplementary panel near the battery.
- JCASE — Developed to meet the demand for smaller components, the female fuses offer high amp protection and are available in amp ratings from 20 to 60.





| | COLOR CODE | AMPS | LITTELFUSE PN | BUSSMANN PN | LITTELFUSE BLISTER PK PN | BUSSMANN BLISTER PK PN | BUSSMANN LOW PROFILE PN | BUSSMANN LOW PROFILE BLISTER PK PN |
|---|---|---|---|---|---|---|---|---|
| | **MAXI** | | | | | | | |
| | Yellow | 20A | MAX20 | MAX-20 | MAX20-BP | BP/MAX-20-RP | — | — |
| | Gray | 25A | MAX25 | MAX-25 | — | — | — | — |
| | Green | 30A | MAX30 | MAX-30 | MAX30-BP | BP/MAX-30-RP | — | — |
| | Brown | 35A | MAX35 | MAX-35 | — | — | — | — |
| | Orange | 40A | MAX40 | MAX-40 | MAX40-BP | BP/MAX-40-RP | — | — |
| | Red | 50A | MAX50 | MAX-50 | MAX50-BP | BP/MAX-50-RP | — | — |
| | Blue | 60A | MAX60 | MAX-60 | MAX60-BP | BP/MAX-60-RP | — | — |
| | Tan | 70A | MAX70 | MAX-70 | MAX70-BP | BP/MAX-70-RP | — | — |
| | Clear | 80A | MAX80 | MAX-80 | MAX80-BP | BP/MAX-80-RP | — | — |
| | **JCASE** | | | | | | | |
| | Blue | 20A | JCAS20 | FMX-20 | JCAS20-BP | BP/FMX-20-RP | FMX-20LP | BP/FMX-20LP-RP |
| | White | 25A | JCAS25 | FMX-25 | — | BP/FMX-25-RP | FMX-25LP | BP/FMX-25LP-RP |
| | Pink | 30A | JCAS30 | FMX-30 | JCAS30-BP | BP/FMX-30-RP | FMX-30LP | BP/FMX-30LP-RP |
| | Green | 40A | JCAS40 | FMX-40 | JCAS40-BP | BP/FMX-40-RP | FMX-40LP | BP/FMX-40LP-RP |
| | Red | 50A | JCAS50 | FMX-50 | JCAS50-BP | BP/FMX-50-RP | FMX-50LP | BP/FMX-50LP-RP |
| | Yellow | 60A | JCAS60 | FMX-60 | JCAS60-BP | BP/FMX-60-RP | FMX-60LP | BP/FMX-60LP-RP |

* Blister Pack = 1 fuse per pack.

## STUD-MOUNT FUSES — MEGA / AMG†

Littelfuse Bussmann by EATON

Designed for high current applications. Stud-Mount fuses are primarily used for battery and alternator connections. Available in 80 to 500 amp ratings, they are offered boxed or in retail packs of 1. Replaces Mega fuses.



| AMPS | LITTELFUSE MEGA BLISTER PK PN | BUSSMANN PN | AMPS | LITTELFUSE MEGA BLISTER PK PN | BUSSMANN PN |
|---|---|---|---|---|---|
| 80A | MEG80BP | AMG-80 | 225 | MEG225BP | AMG-225 |
| 100A | MEG100BP | AMG-100 | 250 | MEG250BP | AMG-250 |
| 125A | MEG125BP | AMG-125 | 300 | MEG300 | AMG-300 |
| 150A | MEG150BP | AMG-150 | 400 | MEG400 | AMG-400 |
| 175A | MEG175BP | AMG-175 | 450 | MEG450 | AMG-450 |
| 200A | MEG200BP | AMG-200 | 500 | MEG500 | AMG-500 |



HMEG

| LITTELFUSE PN | BUSSMANN PN | DESCRIPTION |
|---|---|---|
| 02980900TXN | HMEG | Fuse Block — For use with up to 500 amp AMG fuses, the HMEG bolt-in fuse holder features an impact resistant base and elastomer cover for full access and each of wiring using 8 AWG to 1/0 wire. |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GLASS FUSES — AGC/SFE

Bussmann by ETN

AGCs are available in .5–35 amp ratings, while SFEs are offered in 4–30 amps. All come in both retail packs of 5 or traditional 5-pack tins.



| AMPS | BUSSMANN PN | BUSSMANN BLISTER PK PN | AMPS | BUSSMANN PN | BUSSMANN BLISTER PK PN |
|---|---|---|---|---|---|
| **AGC — 1/4" × 1-1/4" FAST ACTING** | | | **AGC — 1/4" × 1-1/4" FAST ACTING** | | |
| 1/8A | AGC-1/8 | — | 5A | AGC-5 | BP/AGC-5-RP |
| 3/10A | AGC-3/10 | — | 6A | AGC-6 | BP/AGC-6-RP |
| 1/4A | AGC-1/4 | — | 6-1/4A | AGC-6-1/4 | — |
| 3/8A | AGC-3/8 | — | 7A | AGC-7 | — |
| 1/2A | AGC-1/2 | BP/AGC-1/2-RP | 7-1/2A | AGC-7-1/2 | BP/AGC-7-1/2-RP |
| 3/4A | AGC-3/4 | — | 8A | AGC-8 | — |
| 1A | AGC-1 | BP/AGC-1-RP | 10A | AGC-10 | BP/AGC-10-RP |
| 1-1/4A | AGC-1-1/4 | — | 12A | AGC-12 | — |
| 1-1/2A | AGC-1-1/2 | BP/AGC-1-1/2-RP | 15A | AGC-15 | BP/AGC-15-RP |
| 2A | AGC-2 | BP/AGC-2-RP | 20A | AGC-20 | BP/AGC-20-RP |
| 2-1/2A | AGC-2-1/2 | BP/AGC-2-1/2-RP | 25A | AGC-25 | BP/AGC-25-RP |
| 3A | AGC-3 | BP/AGC-3-RP | 30A | AGC-30 | BP/AGC-30-RP |
| 3-2/10A | AGC-3-2/10 | — | 35A | AGC-35 | BP/AGC-35-RP |
| 3-1/2A | AGC-3-1/2 | — | 40A | AGC-40 | — |
| 4A | AGC-4 | BP/AGC-4-RP | 50A | AGC-50 | — |

| AMPS | BUSSMANN PN | BUSSMANN BLISTER PK PN | FUSE LENGTH | AMPS | BUSSMANN PN | BUSSMANN BLISTER PK PN | FUSE LENGTH |
|---|---|---|---|---|---|---|---|
| **SFE — 1/4" SIZE-REJECTING FAST ACTING** | | | | **SFE — 1/4" SIZE-REJECTING FAST ACTING** | | | |
| 4A | SFE-4 | — | 5/8 | 14A | SFE-14 | BP/SFE-14-RP | 1-1/16 |
| 6A | SFE-6 | — | 3/4 | 20A | SFE-20 | BP/SFE-20-RP | 1-1/4 |
| 7-1/2A | SFE-7-1/2 | — | 7/8 | 30A | SFE-30 | BP/SFE-30-RP | 1-7/16 |
| 9A | SFE-9 | — | 7/8 | | | | |


HHK


HHN

| | BUSSMANN PN | BLISTER PACK | TRI-LINGUAL | FUSE/SIZE | RATINGS VOLTS/ AMPS | LEADS/ TERMINALS | DESCRIPTION | POWER PRODUCTS PN |
|---|---|---|---|---|---|---|---|---|
| | **GLASS TUBE IN-LINE HOLDERS FOR 1/4" DIAMETER FUSES** | | | | | | | |
| HHK | HHK† | BP/HHK-RP | X | 1/4"× 5/8" to 1-1/4" & SFE-20 | 32V/20A | #14 Leadwire/ Yellow | Universal Nylon, Twist Lock, No Fuse-Black Body | — |
| HHN | HHN† | BP/HHN-RP | — | 1/4"× 1-1/4" | 32V/30A | #12 Leadwire/ Yellow | Nylon Heavy-Duty w/ AGC-30 Fuse-White Body | EL200130 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUSE HOLDER

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  | EL200610 | ATC Fuseholder w/ Cap 2S-30A |

## FUSE ASSORTMENTS†


SK2


SK2-HDVMINI


SK2-HDVMAXI

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
| | SK2 | 120-Piece ATC Blade Fuse Assortment |
| | SK2-HDVMINI | 100-Piece Mini Blade Fuse Assortment |
| | SK2-HDVMAXI | 36-Piece Maxi Blade Fuse Assortment |

| POWER PRODUCTS PN | DESCRIPTION |
|---|---|
| SK2MINI | 100-Piece Mini Blade Fuse Assortment |
| SK2MAXI | 20-Piece Maxi Blade Fuse Assortment |

## FUSE KITS†

Bussmann by ETON


BP/ATM-AH8-RPP


NO.43


NO.64


NO.45


NO.136


NO.95BK

| | BUSSMANN PN | DESCRIPTION | CONTENTS |
|---|---|---|---|
| | **CARDED FUSE KITS** | | |
| | BP/ATM-AH8-RPP | ATM High Amp Fuse Emergency Kit w/ Tester-Puller | 2 Each of 10, 15, 20 & 1 Each of 25, 30A |
| | NO.43 | ATM Fuse Pack-42 Fuses & Tester-Puller | 7 Each of 5, 10, 15, 20, 25 & 30A |
| | NO.44 | ATC Fuse Pack-42 Fuses & Tester-Puller | 7 Each of 5, 10, 15, 20, 25 & 30A |
| | NO.53 | 45-Piece ATC-Max Fuse Kit w/ Tester-Puller | ATC-10, 15, 20, 30, MAX-30, 40, 50 |
| | NO.64 | 64-Piece ATM-Max Fuse Kit w/ Tester-Puller | ATM-2, 3, 4, 5, 7-1/2, 10, 15, 20, 30, MAX-30, 40, 50 |
| | **TRADITIONAL AUTOMOTIVE INSTALLER ASSORTMENTS** | | |
| | NO.45 | 16-Piece Cartridge Fuse Bulk Assortment | 1 Each of FLD-80, FLF-20, 30, 40, 50, FLM-80, 100, 120, FLS-30, 40, FMX-20, 30, 40, 50, 60, FMX-30LP |
| | NO.136 | 135-Piece ATR, ATL, & FMM Micro Fuse Assortment w/ Fuse Puller | 10 Each of ATR-5, 7-1/2, 10, 15, 20, 25,30, ATL-5, 7-1/2, 10, 15 & 5 Each of FMM-15, 20, 25, 30, 40 |
| | NO.95BK | 95-Piece ATC & ATM Bulk Assortment | 5 Each of ATC-5, 15, 25, ATM-5, 10, 15, 25, 30 & 10 Each of ATM-20, 15 ea of ATC-10, 20, 30 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUSE HOLDERS†

Bussmann by EATON


Conventional Holder


Gasket-Sealed Holders


Add-A-Fuse Holder

| | FUSE | BUSSMANN PN | BLISTER PK PN | MAX AMPS | WIRE GAUGE/ LENGTH | LEAD COLOR | DESCRIPTION | POWER PRODUCTS PN |
|---|---|---|---|---|---|---|---|---|
| **CONVENTIONAL HOLDERS** | | | | | | | | |
| | ATM | HHM | BP/HHM-RP | 30A | #12/2″×4″ | Red | Holder w/ Cover | — |
| | ATC | HHC | BP/HHC-RP | 20A | #16/2″×4″ | Yellow | Heavy-Duty Water-Resistant Holder w/o Cover | — |
| | ATC | HHD | BP/HHD-RP | 30A | #12/2″×4″ | Yellow | Heavy-Duty Holder w/o Cover | — |
| | ATC | HHF | BP/HHF-RP | 20A | #16/2″×4″ | Yellow | Holder w/ Protective Cover | — |
| | ATC | HHG | BP/HHG-RP | 30A | #12/2″×4″ | Yellow | Heavy-Duty Holder w/ Cover | EL200610 |
| | MAX | HHX | — | 60A | #6/2″×5″ | Red | Holder w/ Cover | — |
| **GASKET-SEALED HOLDERS** | | | | | | | | |
| | ATC | HHR | BP/HHR | 30A | #12/2″×5″ | Red | Heavy-Duty Water-Resistant Holder | — |
| **ADD-A-FUSE HOLDERS*** | | | | | | | | |
| | ATM | HHH | BP/HHH-RP | 10A | #16/5″ | Red | ATM Fuse | — |
| | ATC | HHA | BP/HHA-RP | 10A | #16/5″ | Red | ATC Fuse | — |

* Add a 10A max fused circuit by inserting into an existing fuse block, main fuse 30A max. Fuses not included.

## HIGH AMP CIRCUIT BREAKERS†

Heavy Duty Power Products by Pollak® Bussmann by EATON


PP-150CB

| | POWER PRODUCTS PN | AMPS | POLLAK PN | BUSSMANN PN | LITTLEFUSE CROSS | VELVAC CROSS |
|---|---|---|---|---|---|---|
| **TYPE I AUTO RESET SURFACE MOUNT** | | | | | | |
| | — | 60A | 54-850PLP | CB181F-60 | — | — |
| | — | 80A | 54-853PLP | CB181F-80 | — | — |
| | — | 100A | 54-851PL | CB181F-100 | — | — |
| | — | 120A | 54-854PLP | CB181F-120 | — | — |
| | — | 150A | 54-852PLP | CB181F-150 | — | — |
| **TYPE III SWITCHABLE MANUAL RESET SURFACE MOUNT** | | | | | | |
| | PP-50CB | 50A | — | CB185-50 | 0185050.X | — |
| | PP-60CB | 60A | 54-870PLP | CB185-60 | 0185060.X | — |
| | — | 80A | 54-873PLP | CB185-80 | 0185080.X | 091006 |
| | PP-100CB | 100A | 54-871PLP | CB185-100 | 0185100.XP | 091007 |
| | PP-120CB | 120A | 54-874PLP | CB185-120 | 0185120.XP | — |
| | PP-150CB | 150A | 54-872PLP | CB185-150 | 0185150.XP | 091003 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CIRCUIT BREAKER TYPES†

Pollak®



**TYPE I — AUTOMATIC RESET**
Continuously cycles until the source of excess amps is removed or fixed.

**TYPE II — MODIFIED RESET**
When tripped, circuit remains open until power is cut off.



54-115P

| METAL BASE POLLAK PN | AMP | COLE HERSEE CROSS | VELVAC CROSS | HALDEX CROSS |
|---|---|---|---|---|
| **STANDARD TYPE 1** | | | | |
| 54-115P | 15A | 30056-15 (BX, BP) | 091015 | 22315 |
| 54-120P | 20A | 30056-20 (BX, BP) | 091020 | 22320 |
| 54-125P | 25A | 30056-25 (BX, BP) | 091025 | 22325 |
| 54-130P | 30A | 30056-30 (BX, BP) | 091030 | 22330 |
| 54-140P | 40A | 30056-40 (BX, BP) | 091040 | 22340 |
| 54-150P | 50A | 30056-50 (BX, BP) | 091050 | 22350 |



54-520

| METAL BASE STRAIGHT POLLAK PN | METAL BASE 90° POLLAK PN | AMP | COLE HERSEE CROSS | VELVAC CROSS | HALDEX CROSS |
|---|---|---|---|---|---|
| **w/ BRACKET TYPE 1** | | | | | |
| 54-515P | — | 15A | 30055-15 (BX, BP) | 091052 | 22415 |
| 54-520P | 54-220P | 20A | 30055-20 (BX, BP) | 091053 | 22420 |
| 54-530P | 54-230P | 30A | 30055-30 (BX, BP) | 091055 | 22430 |
| 54-540P | 54-240P | 40A | 30055-40 (BX, BP) | 091056 | 22440 |
| 54-550P | 54-250P | 50A | 30055-50 (BX, BP) | 091056 | 22440 |



CBF20

| BUSSMANN PN | AMP | COLE HERSEE CROSS | VELVAC CROSS |
|---|---|---|---|
| **CLIP TYPE 2** | | | |
| CBF10 | 10A | 30410-10 | 091080 |
| CBF15 | 15A | 30410-15 | 091081 |
| CBF20 | 20A | 30410-20 | 091082 |
| CBF25 | 25A | 30410-25 | — |
| CBF30 | 30A | 30410-30 | 091083 |
| CBF35 | 35A | 30410-35 | — |



54-720

| POLLAK PN | AMP | COLE HERSEE CROSS | VELVAC CROSS |
|---|---|---|---|
| **BLADE TYPE 2** | | | |
| 54-710P | 10A | 30409-10 (BX, BP) | 091071 |
| 54-715P | 15A | 30409-15 (BX, BP) | 091072 |
| 54-720P | 20A | 30409-20 (BX, BP) | 091073 |
| 54-725P | 25A | 30409-25 (BX, BP) | 091074 |
| 54-730P | 30A | 30409-30 (BX, BP) | 091075 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TOGGLE SWITCHES†

| | POWER PRODUCTS SCREW TERM PN | POLLAK SCREW TERM PN | COLE HERSEE SCREW TERM PN | POLLAK BLADE TERM PN | COLE HERSEE BLADE TERM PN | CHROME HANDLE | AMP | TYPE | CIRCUIT | # OF TERMS |
|---|---|---|---|---|---|---|---|---|---|---|
|  34-571P | — | 34-213P | — | — | — | 1.5" Paddle | 50A | SPST | On-Off | 2 |
| | — | 34-215P | — | — | — | 1" | 50A | SPST | M-On/Off/ M-On | 3 |
| | EL34212 | — | — | 34-216P | — | 1" Paddle | 50A | SPST | On-Off | 2 |
|  34-580LP | EL34218 | — | — | 34-218P | — | 1" Paddle | 50A | SPST | On/Off/On | 3 |
| | — | 34-220P | — | — | — | 1.5" Long | 50A | SPST | M-On/Off/ M-On | 3 |
| | — | 34-225P | — | — | — | 1" | 50A | SPST | On-On | 3 |
|  EL34212 | — | 34-570P | — | 34-570QP | 55020-BX | 11/16" Std. | 20A | SPST | M-On/Off | 2 |
| | — | 34-571P | 5582-BX | 34-571QP | 55014-BX | 11/16" Std. | 20A | SPST | On-Off | 2 |
| | — | 34-572P | — | 34-572QP | | 11/16" Std. | 20A | SPST | On-On | 3 |
| | — | 34-573P | 5586-BX | 34-573QP | 55016-BX | 11/16" Std. | 20A | SPST | On/Off/On | 3 |
|  EL34218 | — | 34-574P | — | 34-574QP | 55017-BX | 11/16" Std. | 20A | DPST | On-Off | 4 |
| | — | 34-575P | 55021-BX | 34-575QP | 55033-01-BX | 11/16" Std. | 20A | SPST | M-On/Off/ M-On | 3 |
| | — | 34-576P | — | 34-576QP | 55018-BX | 11/16" Std. | 20A | DPDT | On-On | 6 |
| | — | 34-577P | 55021-07-BX | 34-577QP | 55019-BX | 11/16" Std. | 20A | DPDT | On/Off/On | 6 |
| | — | 34-578P | — | 34-578QP | — | 11/16" Std. | 20A | DPDT | M-On/Off/On | 6 |
| | — | 34-579P | 5582-10-BX | 34-579QP | — | 1.5" Long | 20A | SPST | On/M/Off | 2 |
| | — | 34-580LP | 55054-04-BX | 34-580LQP | — | 1.5" Long | 20A | DPDT | M-On/Off/ M-On | 6 |
| | — | 34-580P | 55054-BX | 34-580QP | — | 11/16" Std. | 20A | DPDT | M-On/Off/ M-On | 6 |
| | — | 34-586P | — | 34-586QP | — | 11/16" Std. Lighted | 20A | SPST | On-Off | 4 |

Note: Amp ratings are for 12V application only, not 24V. Additional part numbers available. Call your PDC Sales Rep for details.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TOGGLE SWITCHES ACCESSORIES

Pollak® Cole Hersee

| | POLLAK PN | COLE HERSEE PN | DESCRIPTION |
|---|---|---|---|
|  25-370P 81264 | 25-370P | 81264-BX (Gray)<br>81264-01-BX (Black) | Toggle Boot w/ 15/32-32 thread. Provides protection against salt spray and is resistant to weather and ozone. Can be used on toggle switches w/ 15/32" diameter mounting stem. |
| | 34-513P | — | 2 Position Toggle Switch. 10A @ 12V |
|  34-571CP† | 34-571CP† | — | Weather Resistant Toggle Switch — 2 Positions: On-Off, SPST, Rated 20A. Knurled face nut, hex back nut, and 2 plastic coated wire leads 8" long. Chrome plated bat handle, mounting stem 15/32 diameter, 3/8" long. |
|  34-508P 82468-BX | 34-508P | 82468-BX | Toggle Switch Guard — Spring loaded snap action holds the guard cover in the up or down position. Switch cannot be operated with the cover in the down position. Recommended for use with two position (Off-On or On-On) toggle switches with standard 11/16" bat handle and 15/32" diameter mounting stem and keyway. |
| | 51-303P | — | Face Plate for 51-902EP |
|  51-303P 5543-15-BX | 5543-15-BX | — | Recess Plate — Switch guards help prevent accidental actuation of a toggle switch and protect it from damage. Needs to be countersunk in a 2" (50.8 mm) hole. 3 3/16" (81.0 mm) diameter with three 7/32" (5.6 mm) holes on a 2 3/4" (69.9 mm) diameter circle. Requires a clearance depth of .890" (22.6 mm), not including clearance for a switch. |

## AXLE SWITCHES

Heavy Power Products Pollak®

| | POWER PRODUCTS PN | POLLAK PN | TYPE | COLE HERSEE CROSS |
|---|---|---|---|---|
|  EL52261 | EL52261 | | Push-Pull 2-Speed | 52-261P |
| | — | 52-260P | 2-Speed Shift Limit | — |

## BALL OPERATED SWITCHES

- 9-1/6" 8 Thread
- 7/8 Hex

Pollak®

| | POLLAK PN | DESCRIPTION |
|---|---|---|
|  21-361P 21-458P | 21-361P | 2 Stud |
| | 21-458P | 2 Screw |
| | 21-465P | Packard Metri-Pack Connectors |
| | 21-467P | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PUSH-PULL SWITCHES†

| | POWER PRODUCTS PN | POLLAK PN | CIRCUIT | DESCRIPTION |
|---|---|---|---|---|
|  35-306P | — | 35-306P | Off-On | 6-28V-75A, SPST; die cast body, chrome knob, copper terminals, mounting stem 5/8" long, 15/32" diameter |
| | — | 35-316P | Off-On-On | 12V combination; rheostat, panel, and headlight w/ 20A circuit breaker, 5 terminals, bright metal knob, mounting stem 3/8" long, 3/8" diameter |
|  35-316P | — | 35-320P | Off-On | One circuit, rugged nylon housing and mounting bracket; bushing .59" long, .59 diameter; panel mount or transmission shaft mount (when used as a single speed axle switch) |
| | EL35306 | — | | 75A push/pull switch |

## MASTER DISCONNECT SWITCHES

| | POWER PRODUCTS PN | POLLAK PN | COLE HERSEE PN | VOLTS / AMPS | STUDS |
|---|---|---|---|---|---|
|  EL51302 | EL51302 | — | — | 6-36V | 2 |
| | — | 51-902EP | — | 6-36V, 180A | 2 |
| | — | 51-927P | — | 12V, 180A | 2 |
| | — | 51-904EP | — | 6-36V | 4 |
| | — | — | 2484-BX | 6-36V, 175A | 2 |
| | — | — | 25908-BX | 6-36V, 300A | 2 |

## DISCONNECT SWITCH ACCESSORIES

| | COLE HERSEE PN | DESCRIPTION |
|---|---|---|
|  24505-BX | 24505-BX | Lockout Lever Kit. Lever actuated metal case master disconnect switches with a 3/4" diameter (19.1 mm) mounting stem. Special lever and flange plate accept a padlock to securely lock a disconnect switch in the off position, which is required by many lock-out/tag-out safety regulations. |

## DIMMER SWITCHES†

| | POWER PRODUCTS PN | POLLAK PN | COLE HERSEE PN | TYPE |
|---|---|---|---|---|
|  52-253P | — | 52-252P | — | Floor Mounted, 3 Special Terminals |
| | — | 52-253P | — | Special Floor Mounted, 3 Special Terminals |
|  7762-BX | — | — | 7762BX | Head Lamp, 3500 Pigtail |
| | EL52250 | — | — | Dimmer Switch |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## UNIVERSAL ROCKER SWITCHES

Pollak® Cole Hersee

| | POLLAK SCREW TERM PN | POLLAK BLADE TERM PN | COLE HERSEE BLADE PN | HANDLE | AMP | TYPE | CIRCUIT | TERM |
|---|---|---|---|---|---|---|---|---|
|  34-305P | 34-301P | 34-308P | — | Black | 20 | SPST | On-Off | 2 |
| | 34-305P | 34-360P | 58328-04-BX | Red Lighted | 20 | SPST | On-Off | 3 |
| | 34-306P | — | 58328-11-BX | Green Lighted | — | SPST | On-Off | 3 |

## SEALED ILLUMINATED ROCKER SWITCH

Pollak®

| | POLLAK PN | AMP | TYPE | DESCRIPTION |
|---|---|---|---|---|
|  34-238P | 34-238P | 20 | On-Off | Designed for complete protection against dust and moisture. Black plastic housing, nylon bezel, silver contacts, white lens w/ LED bulb, and .25" quick connect terminals. |

## IGNITION SWITCHES

Heavy Power Products Duty Pollak®

| | POWER PRODUCTS PN | POLLAK PN | DESCRIPTION | COLE HERSEE CROSS |
|---|---|---|---|---|
|  24-360P | — | 24-360P | 12V — 60A — Momentary Start | 90030-BX |
|  EL31602/3 | — | 52-611P | 12V— 15A — Momentary Start | — |
| | EL31103 | 31-103P | 4 Position — Ace/Off/Ignition/Start | |
| | EL31602/3 | — | 2 Position — Off/On | — |
|  EL31103 | — | 21-541P | 2 Position — Off/On | — |
| | — | 21-560P | 2 Position — Off/On | — |
| | — | 31-499P | 3 Position — Special (Hi-Power) | — |

## ROTARY REVERSING SWITCHES

**3 Key Positions: On (Reverse); Off; On (Forward)**

Cole Hersee

| | COLE HERSEE PN | CASE MATERIAL | DESCRIPTION | CONTACT RATINGS |
|---|---|---|---|---|
|  75712-04-BX | 75712-04-BX | Plated Steel | Heavy-Duty Forward Reverse Rotary Switch | 50A @ 12VDC |
|  90005-01-BX | 90005-01-BX | Plated Steel | Levered Reversing Rotary Switch (Universal) | 15A @ 12VDC |
|  24452-BX | 24452-BX | Plastic | High-Power Motor Forward Reverse Relay | 50A @ 12VDC |

## BUZZER SWITCHES

| | POWER PRODUCTS PN | COLE HERSEE PN | VOLT | TERM | TYPE | POLLAK CROSS |
|---|---|---|---|---|---|---|
|  EL04099 | EL04099 | 4099-BX | 12V | 2 Screw | Buzzer Only | 52-400P |
| | — | 4112-RCOOO-BX | 12V | 2 Screw | Buzzer/Red LED | — |
| | — | 40212-BX | 12V | 3 Blade | Dual Rate | — |

## 4- & 3-POSITION SWITCHES

| | POLLAK PN | BASE TYPE | STARTER LOCKOUT | KEY CODE | # OF LIP SEALS | M/H/P | REMARKS |
|---|---|---|---|---|---|---|---|
| | **4-POSITION SWITCHES** | | | | | | |
|  31-180P | 31-103P | 1 | N | Various | 0 | 2 | — |
| | 31-104P | 1 | N | PK556 | 0 | 2 | — |
| | 31-105P | 1 | Y | Various | 0 | 2 | — |
| | 31-106P | 1 | Y | PK556 | 0 | 2 | — |
|  31-610P | 31-110P | 1 | N | Various | 0 | 1 | No base hardware supplied |
| | 31-180P | 1 | N | Various | 2 | 5 | "O" sealed base |
| | 31-196P | 1 | N | Universal | 1 | 4 | — |
| | 31-608P | 1 | Y | | 0 | 1 | — |
| | 31-610P | 1 | Y | Universal | 1 | 4 | — |
|  31-242P | 31-242P | 2 | Y | Universal | 1 | 4 | Spc. Hardware clips |
| | 31-114P | 3 | N | Various | 0 | 1 | Caution tag on GND term |
| | 31-152P | 3 | N | No L/Cyl | 0 | 1 | Caution tag on GND term |
| | 31-229P | 3 | N | D250 | 2 | 5 | — |
| | 31-289P | 3 | N | No L/Cyl | 0 | 1 | Caution tag on GND term |
| | 31-322P | 3A | Y | D250 | 1 | 5 | No logo on Encap keys |
| | **3-POSITION SWITCHES** | | | | | | |
| | 31-609P | 1 | N | Various | 0 | 2 | — |

## SOLENOID SWITCHES



EL000200



EL000208

| POWER PRODUCTS PN | VOLTS | DUTY | TERMINALS | BRACKET | GROUND | COLE HERSEE CROSS | POLLAK CROSS |
|---|---|---|---|---|---|---|---|
| EL000200 | 12V | Cont. | 4 | Flat | — | 24059-BX | 52-307-01 |
| EL000201 | 12V | Cont. | 4 | Flat | — | 24143-BX | 52-329 |
| EL000202 | 12V | Cont. | 3 | Flat | Y | 24106-BX | 52-312-01 |
| EL000208 | 12V | Cont. | 3 | Curved | Y | 24082-BX | — |
| EL000212 | 24V | Cont. | 4 | Flat | — | 24063-BX | 52-324-01 |
| EL000213 | 24V | Cont. | 4 | Flat | — | 24144-BX | 52-339 |
| EL000220 | 12V | Intermit. | 4 | Flat | — | 24047-BX | — |
| EL000222 | 12V | Intermit. | 3 | Flat | Y | 24037-BX | 52-331 |
| — | 12V | Intermit. | 3 | Flat | — | 24450-BX | — |
| — | 12V | Cont. | 4 | Flat | — | 24117-BX | — |
| — | 12V | Cont. | 4 | Flat | — | 24213-BX | — |
| — | 24V | Cont. | 4 | Flat | — | 24214-BX | — |

## HOSE CLAMPS & SEPARATORS

| PN | DESCRIPTION | HALDEX CROSS | SLOAN CROSS | PHILLIPS CROSS |
|---|---|---|---|---|
| RH11520 | 3/8" x 3/8" ID Hose | 11548 | 451037 | 17-150 |
| RH11521 | 1/2" x 1/2" ID Hose | 11549 | 451038 | — |
| 11541 | 2 Hole — 3/8" ID Hose w/ Eyebolt | 11541 | 451001 | 17-156 |
| 11542 | 3 Hole — 3/8" ID Hose | 11542 | — | 17-153 |
| 11543 | 3 Hole — 3/8" ID Hose w/ Eyebolt | 11543 | 451000 | — |
| 11544 | 3 Hole — 3/8" ID Hose w/ U-Bolt | 11544 | 451009 | 17-157 |
| 11545 | 3 Hole — 3/8" or 1/2" ID Hose | 11545 | — | — |
| 11546 | 3 Hole — 3/8" or 1/2" ID Hose w/ Swivel | 11546 | — | — |
| 11547 | 3 Hole — 3/8" or 1/2" ID Hose w/ Mounting Bolt | 11547 | — | — |

## HOSE SPRINGS & ACCESSORIES

| PN | DESCRIPTION | SLOAN CROSS | PHILLIPS CROSS |
|---|---|---|---|
| 11600P | Hose Tender Spring 25.09" | 451049 | 17-125 |
| 11601P | Hose Tender Spring 12.38" | — | 17-111 |
| 11602P | Hose Tender Spring 12.67" | 451047 | — |
| 11603P | Spring, Hose Tender 15.42" | 451048 | 17-116 |
| 451713P | Hose Spring w/ Nylon Case & Holder | 451713 | 17-148 |

## 7-WAY ELECTRIC CORDS — PRIMARY ABS†

- Excellent recoil memory
- Superior abrasion resistance 1/8, 2/10, 4/12 gauge configuration
- Exceptional flexibility from -55°F to +160°F
- Two standard seven-way metal plugs w/ springs
- Meets or exceeds SAE Specifications J2222 & J560



EL27715



EL27458

| PN | WORKING LENGTH | LEADS | COLOR |
|---|---|---|---|
| **COILED** | | | |
| EL27712 | 12′ | 12″ | Green |
| EL27715 | 15′ | 12″ | Green |
| EL27720 | 20′ | 12″ | Green |
| EL27072 | 15′ | 12″ / 48″ | Green |
| EL27772 | 15′ | 12″ / 72″ | Green |
| **STRAIGHT** | | | |
| EL27459 | 10′ | 12″ | Green |
| EL27457 | 12′ | 12″ | Green |
| EL27458 | 15′ | 12″ | Green |

## 7-WAY ELECTRIC CORDS — SECONDARY ABS†

- Two ISO 3731 seven pole metal plugs with six female contacts and one male pin superior abrasion resistance



EL27345



EL27092

| PN | WORKING LENGTH | LEADS | COLOR |
|---|---|---|---|
| **COILED** | | | |
| EL27095 | 12′ | 12″ | Yellow |
| EL27096 | 15′ | 12″ | Yellow |
| EL27345 | 15′ | 12″ / 72″ | Yellow |
| **STRAIGHT** | | | |
| EL27090 | 12′ | 10″ | Yellow |
| EL27091 | 15′ | 12″ | Yellow |
| EL27092 | 15′ | 15″ | Yellow |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 7-WAY ELECTRIC CORDS — C.E. STANDARD†

### HEAVY-DUTY — 6/12 — 1/10 GAUGE

Heavy-Duty 7-way electric cords feature two metal plugs with springs, heavy-duty 6/12, 1/10 gauge wire configuration, and a heavy-duty TPR jacketing for excellent durability and recoil memory, remaining flexible from -55°F to +160°F. The coils and plugs meet or exceed SAE specifications J2222 and J560, and straight cords are also available.



EL27031



EL27015

| PN | WORKING LENGTH | LEADS | COLOR |
|---|---|---|---|
| **COILED** | | | |
| EL27027 | 10′ | 12″ | Black |
| EL27029 | 12′ | 12″ | Black |
| EL27031 | 15′ | 12″ | Black |
| EL27076 | 15′ | 12 / 72″ | Black |
| EL27033 | 20′ | 12″ | Black |
| **STRAIGHT** | | | |
| EL27010 | 10′ | 12″ | Black |
| EL27012 | 12′ | 12″ | Black |
| EL27015 | 15′ | 12″ | Black |

### STANDARD DUTY — 6/14 — 1/12 GAUGE†

Standard-Duty electric cords feature two metal plugs with springs and consists of 6/14, 1/12 gauge wire configuration. Standard Duty coils feature the same black heavy-duty TPR jacketing as the heavy-duty coils and have a temperature range of -55°F to +160°F. All meet or exceed SAE specifications J2222 and J560.



EL27041



EL51415

| PN | WORKING LENGTH | LEADS | COLOR |
|---|---|---|---|
| **COILED** | | | |
| EL27039 | 12′ | 12″ | Black |
| EL27041 | 15′ | 12″ | Black |
| EL27043 | 15′ | 12″ / 72″ | Black |
| **STRAIGHT** | | | |
| EL51410 | 10′ | 12″ | Black |
| EL51412 | 12′ | 12″ | Black |
| EL51415 | 15′ | 12″ | Black |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 7-WAY ELECTRIC CORDS — C.E. STANDARD†, continued

### SINGLE POLE COILED

Single pole coils are made from 4 gauge copper wire. They feature two metal plugs with spring guards, and are used for battery charging and liftgate applications. Rated at 200 amps.

| | PN | WORKING LENGTH |
|---|---|---|
|  EL21415 | EL21412 | 12′ |
| | EL21415 | 15′ |

### DUAL POLE COILED

Dual pole coils are made from fine stranded twinned 4 gauge copper cable and feature two metal plugs with springs. These coils are used for lift gate applications with internally grounded systems.

| | PN | WORKING LENGTH |
|---|---|---|
|  EL20215 | EL20215 | 15′ |
| | EL20212 | 12′ |

### 4-WAY COILED†

4-Way coils consist of 4/14 gauge cable with heavy-duty TPR jacketing and 2 metal plugs. They are growing in popularity for use in the light trailer market.

| | PN | WORKING LENGTH |
|---|---|---|
|  EL20415 | EL20406 | 6′ |
| | EL20408 | 8′ |
| | EL20410 | 10′ |
| | EL20412 | 12′ |
| | EL20415 | 15′ |

### 6-WAY COILED†

6-Way coils consists of 6/14 gauge cable with heavy-duty TPR jacketing and two metal plugs with springs.

| | PN | WORKING LENGTH |
|---|---|---|
|  EL20615 | EL20606 | 6′ |
| | EL20608 | 8′ |
| | EL20610 | 10′ |
| | EL20612 | 12′ |
| | EL20615 | 15′ |

## POGO STICKS

| | PN | DESCRIPTION | HALDEX CROSS | PHILLIPS CROSS |
|---|---|---|---|---|
|  PS40 | PS40 | 40″ Standard | 11508 | 17-0401 |
| | PS40C | 40″ Chrome | 11510 | 17-0400 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

Our metal 7-way connectors are a rugged combination of a heavy-duty zinc die cast housing with an SAE rated ABS plastic insert that features double plated brass pins. Available with or without spring guards, the plugs exceed SAE J560. ISO 3731 plugs feature 1 male and 6 female pins together with the sockets. One female and 6 male pins prevent mismatching when using a second coiled electric cord.

## PLUGS & SOCKETS†

| | PN | DESCRIPTION | PHILLIPS CROSS |
|---|---|---|---|
|  EL23784  EL23783 | EL23784P* | 7-Way Metal Plugs w/ Spring | 15-730 |
| | EL23784-10* | 7-Way Metal Plugs w/ Spring | 15-730 |
| | EL23783* | 7-Way Metal Plugs w/o Spring | 16-726 |
|  EL23707 Front / Back | EL23790 | 7-Way Metal Plugs w/ Spring ISO 3731 | 15-830 |
| | EL205140 | 7-Way Metal Plugs Replacement Spring | — |
| | EL23782P** | 7-Way Poly Sockets Wire Insertion | — |
| | EL23707** | 7-Way Poly Sockets Ring Terminal | 16-722 |
| | EL23709** | 7-Way Poly Sockets Bullet Terminal | 16-724 |
|  EL23784P  EL23781 | EL23784P | 7-Way Poly Plug w/ Spring | — |
| | EL23712 | 7-Way Metal Sockets Two Hole Mount — ISO 3731 | 16-822 |
| | EL23781 | 7-Way Metal Sockets Two Hole Mount — Solid Pin | 15-721 |
|  EL205010  EL23101 | EL23782P* | 7-Way Metal Sockets Two Hole Mount — Split Pin | 15-720 |
| | EL23782-10* | 7-Way Metal Sockets Two Hole Mount — Split Pin | 15-720 |
| | EL202611 | 7-Way Metal Sockets Replacement Insert | — |
| | EL205010 | 7-Way Metal Sockets Socket Boot | 15-740 |
| | EL23101 | Single Pole Socket | 15-320 |
|  EL23782  EL23102 | EL23102 | Single Pole Plug w/ Spring | 15-335 |
| | EL205140 | Replacement Spring | — |
| | EL15326 | Dual Pole Socket | 15-326 |
|  EL15336  EL15326 | EL15336 | Dual Pole Plug w/ Spring | 15-336 |
| | EL15769 | Zinc Die Cast 1-7/8" Deep | 15-769 |
| | EL38265 | Poly 2" Deep Bottom Entry | — |
| | BE26100 | 6- & 7-Way Nosebox Assembly w/ Gladhands | — |
|  EL38265  BE26100 | BE26103 | 7-Way Nosebox Assembly w/ Gladhands | — |
| | EL24000 | Circuit Breakers w/o | 15-760 |
| | EL24015 | Circuit Breakers 15A | 15-761 |
| | EL24020 | Circuit Breakers 20A | 15-762 |
| | EL24030 | Circuit Breakers 30A | 15-763 |
|   EL38215 Front / Back | EL38202 | Circuit Breakers w/o | 16-760 |
| | EL38213 | Circuit Breakers 20A | 16-762 |
| | EL38215 | Circuit Breakers 30A | 16-763 |

* 10-Pack available, add suffix "-10" to part number

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# ELECTRICAL — ADAPTERS & CONNECTOR TOOLS

## ADAPTERS

| | PN | DESCRIPTION |
|---|---|---|
|  EL00706B | EL27407 | Converts 7-Pole Receptacle (Round Pin) to Accept 6-Pole Plug |
| | EL27408 | Converts 6-Pole Receptacle to Accept 7-Pole Plug (Round Pin) |
| | EL00765 | 7-Pole RV (Blade) Vehicle to 6-Pole Round, 5 Pole Flat and 4-Pole Flat Trailer |
|  EL00744 | EL00706 | 7-Pole RV (Blade) Vehicle to 6-Pole Round Trailer. Center Auxiliary Pin |
| | EL00706B | 7-Pole RV (Blade) Vehicle to 6-Pole Round Trailer. Center Brake Pin |
| | EL00744 | 7-Pole RV (Blade) Vehicle to 4-Pole Flat Trailer |
|  EL30704 | EL30704 | 7-Pin (Round) Vehicle to 4-Pole Flat Trailer |
| | EL00640 | 6-Pole Round Vehicle to 4-Pole Flat Trailer |
| | EL00400 | 4-Pole Flat Vehicle to 4-Pole Round (LD) Trailer |

NOTE: In the light trailer industry sockets are referred to as the car side or vehicle side connectors. Plugs are referred to as the trailer side connector.

## CONNECTOR TOOLS

| | PN | DESCRIPTION |
|---|---|---|
|  EL30700  EL630040 | EL30700 | 7-Way Plug and Socket Brush |
| | EL15208 | 7-Way Plug Checker |
| | EL630040 | 4-Way Flat Connector Tester |
| | EL15785 | 7-Pole RV Socket Tester |
| | EL23605 | 6-Pole Socket Tester |

## PLUG / GLADHAND CADDY

| | PN | DESCRIPTION |
|---|---|---|
|  EL34211  EL15042 | EL34211 | One Plug Caddy |
| | EL15042 | Two Plug Caddy |

## 4-, 5-, & 6-WAY CONNECTORS†


EL23402


EL23642


EL23595


EL23602


EL23603

| PN | DESCRIPTION | PHILLIPS CROSS |
|---|---|---|
| EL23402* | 4-Way Zinc HD Socket | 15-400 |
| EL23403* | 4-Way Zinc HD Plug | 15-410 |
| EL23404* | 4-Way Zinc HD Plug w/ Spring | 15-430 |
| EL23496 | 4-Way LO Chromed Zinc Plug | — |
| EL23595 | 5-Way LO Zinc Socket | — |
| EL23602* | 6-Way Zinc HD Socket | 15-600 |
| EL23603* | 6-Way Zinc HD Plug | 15-610 |
| EL23604* | 6-Way Zinc HD Plug w/ Spring | 15-630 |

* 35 AMP

## RV CONNECTORS†


EL10783


EL15782


EL10799

| PN | DESCRIPTION | PHILLIPS CROSS |
|---|---|---|
| EL10782 | 7-Way Socket, Metal | — |
| EL10783 | 7-Way Plug, Metal | — |
| EL15782 | 7-Way Socket, Plastic | — |
| EL15783 | 7-Way Plug, Plastic | 16-713 |
| EL10983 | 9-Way Plug, Plastic | — |
| EL10799 | Bracket for RV Sockets | — |
| EL15742 | Converts 4-Pole Flat Connector to Poly 7-Pole RV Socket | — |
| EL15748 | Converts 4-Pole Flat Connector to Poly 7-Pole RV Socket w/ Diagnostic Leds and a 4-Pole Flat Connector (includes Bracket) | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LIGHT TRAILER CONNECTORS†


EL11312


EL11212


EL11400


EL11412


EL11444


EL11454


EL11612

| | SET PN | MALE ONLY PN | FEMALE ONLY PN | NUMBER OF POLES | FLAT OR SQUARE | SHROUDED | LENGTH MALE / FEMALE |
|---|---|---|---|---|---|---|---|
| | EL11212 | — | — | 2 | Flat | No | 12″ / 12″ |
| | EL11312 | — | — | 3 | Flat | No | 12″ / 12″ |
| | EL11400 | — | — | 4 | Flat | No | 12″ Loop |
| | EL11412 | — | — | 4 | Flat | No | 12″ / 12″ |
| | EL11415 | EL11417 | EL11448 | 4 | Flat | No | 12″ / 48″ |
| | EL11444 | — | — | 4 | Flat | Yes | 12″ Loop |
| | EL11454 | — | — | 4 | Flat | Yes | 12″ / 48″ |
| | EL11612 | — | — | 6 | Square | Yes | 12″ / 12″ |

NOTE: On flat connectors, the side with 3 male prongs and 1 female is referred to as the car side or vehicle side. The section with 1 male and 3 female prongs is referred to as the trailer side.

## JUNCTION BOXES


EL22040

| | HD VALUE PN | DESCRIPTION | CROSS |
|---|---|---|---|
| | HDV-22010 | 7 Terminal w/ Alternate Grommet Position to HDV-22040 | BE22010 |
| | HDV-22040 | 7 Terminal w/ 2 Slotted Grommets & 2 Strain Relief Collars | BE22040 |
| | HDV-22070 | 7 Terminal for Circuit Breakers (Breakers not included) | BE22070 |

## TRAILER BREAKAWAY ITEMS†


EL2010

| | PN | DESCRIPTION |
|---|---|---|
| | EL2010 | Breakaway switch |
| | EL2000 | Battery case |
| | EL2024 | Charger |

## BRACKETS


EL20000

| | PN | DESCRIPTION | CROSS |
|---|---|---|---|
| | EL20000 | Bracket HD 4/6/7-Way Sockets | 15-788 |
| | EL20001 | Bracket HD 4/6-Way Sockets | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TRAILER CABLE† Made in USA

Trailer cable is jacketed with tough, durable PVC for long life and greater flexibility. It remains flexible down to -65°C (-85°F). All trailer cable inner conductors are paper wrapped to facilitate stripping jacketing. All conductors meet or exceed SAE J1127 and SAE J378 type GPT. Factory reel lengths are also available.

| | 50′ ROLL PN | 100′ ROLL PN | 250′ ROLL PN | 500′ ROLL PN | CONDUCTOR | CONFIGURATION |
|---|---|---|---|---|---|---|
|  | EL870899 | EL870800 | EL870825 | EL870850 | 7 | ABS 4/12, 2/10, 1/8 |
| | EL871299 | EL871200 | EL871225 | EL871250 | 7 | 6/12, 1/10 |
| | EL875499 | EL875400 | EL875425 | EL875450 | 7 | 6/14, 1/12 |
|  | — | EL871400 | EL871425 | EL871450 | 7 | 7/14 |
| | EL861499 | EL861400 | EL861425 | EL861450 | 6 | 6/14 |
| | EL841499 | EL841400 | EL841425 | EL841450 | 4 | 4/14 (Standard Trailer Colors) |
| Rated to -50°C (-50°F) | — | EL841500 | EL841525 | EL841550 | 4 | 4/14 (Light Trailer Colors) |

## TRAILER WIRE COLOR & GAUGE REFERENCE†

| | CONDUCTOR | CONFIGURATION | WHITE | RED | BLUE | BLACK | BROWN | GREEN | YELLOW |
|---|---|---|---|---|---|---|---|---|---|
| ABS  | 7 | ABS 4/12, 2/10, 1/8 | 8 ga | 10 ga | 10 ga | 12 ga | 12 ga | 12 ga | 12 ga |
|  6/12, 1/10 | 7 | 6/12, 1/10 | 10 ga | 12 ga | 12 ga | 12 ga | 12 ga | 12 ga | 12 ga |
| 6/14, 1/12  | 7 | 6/14, 1/12 | 12 ga | 14 ga | 14 ga | 14 ga | 14 ga | 14 ga | 14 ga |
|  7/14 | 7 | 7/14 | 14 ga | 14 ga | 14 ga | 14 ga | 14 ga | 14 ga | 14 ga |
| 6/14  | 6 | 6/14 | 14 ga | 14 ga | — | 14 ga | 14 ga | 14 ga | 14 ga |
|  4-14 Standard | 4 | 4/14 (Standard Trailer Colors) | 14 ga | 14 ga | — | 14 ga | 14 ga | — | — |
| 4-14 Light  | 4 | 4/14 (Light Trailer Colors) | — | 14 ga | — | — | 14 ga | 14 ga | 14 ga |

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# 6 Lubrication & Filtration

## MOTOR OIL

### SAE 15W-40 (CK4) / 15W-50

| CONTAINER | MYSTIK JT-8 (15W-50) PN | CHEVRON DELO (15W-40) PN | SHELL ROTELLA T (15W-40) PN |
|---|---|---|---|
| Quart | 1289-QT | 222290481 | 550045141 |
| Gallon | 1289-G | 222290388 | 550045126 |
| 2 Gallon | 1289-2G | — | — |
| 5 Gallon Pail | 1289-5G | 222290428 | 550045128 |
| 55 Gallon Drum | 1289-55G | 222290981 | 550045148 |

### MYSTIK® JT-8® SYNTHETIC BLEND SUPER HEAVY DUTY ENGINE OIL SAE 15W-50




Mystik JT-8 Synthetic Blend Super Heavy Duty Engine Oil SAE 15W-50 is designed for the equipment owner operating with older equipment with higher hours or miles that can benefit from a higher viscosity grade heavy duty engine oil. SAE 15W-50 is engineered to provide excellent protection for equipment operating in severe conditions and will provide extended diesel engine life. Mystik SAE 15W-50 JT-8 Synthetic Blend Super Heavy Duty Engine Oil is recommended for commercial over-the-road fleets, construction equipment, buses and other similar diesel-powered applications where premium quality engine is required.

### DELO® 400 SDE SAE 15W-40 (API CK4)




Delo 400 SDE SAE 15W-40 with ISOSYN Advenced Technology is an API CK-4 heavy duty engine oil specifically formulated for 2017 greenhouse gas (GHG 17) compliant diesel engines designed to meet lower Co2 emissions and improved fuel economy, in addition to EPA 2010 compliant low emission diesel engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR) systems. It is fully compatible with previous engine models and previous API Oil Service Categories. © 2014–2016, Chevron USA Inc.

### ROTELLA® T4 TRIPLE PROTECTION® 15W-40 (API CK4)




Shell Rotella T4 Triple Protection is suitable for a wide range of heavy duty engine applications. With its wide range of specifications, and approvals from many of the world's leading engine makers, it is an excellent choice for on-highway fleets, general haul, construction, agriculture, public-transport operators, diesel pickup trucks, including high-power vehicles where resistance to increased heat and stress is required. It is suitable for use in all on or off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil in this viscosity grade.

## LUBRIGUARD™ HD FULL SYNTHETIC ATF

Lubriguard HD Full Synthetic ATF is a new generation automatic transmission fluid recommended for use in automobile and truck transmissions, power-shift transmissions and other types of service requiring Ford MERCON® V, MERCON®, DEXRON® III-H or Allison C-4 automatic transmission fluid. It is recommended for use in Voith Transmissions. It is suitable for use in Allison extended drain applications.

- Outstanding resistance to oxidative and thermal breakdown
- Exceptional low temperature fluidity
- Excellent anti-wear properties
- Excellent gear shift quality throughout service life
- Suitable for use in extended drain applications

| LUBRIGUARD PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|
| 19501 | Lubriguard HD Full Synthetic ATF | Quart | 226502721 | 550042065 |
| 704228 | Lubriguard HD Full Synthetic ATF | Gallon | — | 550033054 |
| 704109 | Lubriguard HD Full Synthetic ATF | 5 Gallon | 223040448 | 550032647 |
| 704101 | Lubriguard HD Full Synthetic ATF | 55 Gallon | 223040981 | 550032968 |

## COASTAL® FULL SYNTHETIC SAE 50 MANUAL TRANSMISSION FLUID

- Suitable for use in applications calling for API MT-1 EP gear oil service classification and for use in transmissions and gear cases where API Service GL-1 through GL-4 is required
- Developed specifically for long life use in heavy duty manual transmissions

| COASTAL PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|
| 148009 | Coastal FS Manual Transmission Fluid 50W | 5 Gallon | 226601448 | 550026905 |

## COASTAL® FULL SYNTHETIC GL-5 GEAR OILS — 75W/80W MANUAL TRANSMISSION FLUID

- Compounded with highly refined synthetic base stocks and additives to ensure extreme pressure characteristics, anti-wear, corrosion inhibition, rust preventions, low pour point, and anti-foaming performance. Formulated for use in limited slip differentials
- Recommended for all standard and limited slip differentials and meets or exceeds performance requirements for MACK GO-J and API Services GL-5; MT-1

| COASTAL PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|
| 158017 | Coastal Full Synthetic GL-5 Gear Oil 75W-90 | 5 Gallon | 223030783 | 550026915 |
| 168017 | Coastal Full Synthetic GL-5 Gear Oil 75W-140 | 5 Gallon | 223031783* | 550026939* |

* 80W-140

# GEAR LUBES / GREASES

## LUBRIGUARD™ GL-5 GEAR OILS

- Meets the requirements of U.S. Military Specification MIL-L-2105D, MIL-L-2105E, SAE J2360, and Mack GO-J
- These are multi-purpose, extreme pressure lubricants, formulated for severe conditions encountered in truck, tractor, off-road and heavy duty construction equipment gear boxes. Designed for API Service Classification "GL-5" and "MT-1"

| | LUBRIGUARD PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|---|
|  | 702630 | Gear Lube 80W90 | Quart | 224503319 | 550043594 |
| | 702629 | Gear Lube 80W90 | 35 lb. Pail | 224503783 | 550043587 |
| | 702606 | Gear Lube 80W90 | 400 lb. Drum | 224503983 | 550043589 |
| | 702628 | Gear Lube 85W140 | Quart | 224504319 | 550043590 |
| | 702572 | Gear Lube 85W140 | 35 lb. Pail | 224504783 | 550043591 |
| | 702603 | Gear Lube 85W140 | 400 lb. Drum | 224504983 | 550043593 |

## MYSTIK® JT-6® HI-TEMP LITHIUM COMPLEX GREASE

- Premium quality NLGI-2 lithium complex multi-purpose grease*
- Specifically approved for use in Rockwell and Spicer universal joints
- Provides excellent protection for heavily loaded industrial, mining, and construction applications
- Water resistant, protects against corrosion
- Provides excellent protection in severe service requirements such as disc brake wheel bearings, backhoe hinge pins, and conveyor bearings

| | MYSTIK PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|---|
|  | 5438140Z | Hi-Temp Red NLGI 2 | 14 oz. Tube | 259126643 | 550027558 |

* 550°F Dropping Point

## MYSTIK® JT-6® MULTI-PURPOSE GREASE

- Economical multi-purpose NLGI #2 grease
- Protects against rust and corrosion
- Exceptionally water resistant product
- Excellent for greased chassis points, fifth wheels, and water pumps

| | MYSTIK PN | DESCRIPTION | CONTAINER | CHEVRON CROSS | SHELL CROSS |
|---|---|---|---|---|---|
|  | 5484140Z | Multi-Purpose NLGI 2 | 14 oz. Tube | 238011642 | 550027631 |

## OIL FILLER CAPS — POWER PRODUCTS



| POWER PRODUCTS PN | DESCRIPTION |
|---|---|
| 431094 | 1-1/2" Adjustable Filler Cap |
| 41085P | 1-1/4" Oil Fill Cap |
| 44004P | 2" Oil Cap w/ Chain |
| 44027P | 1-3/4" Oil Fill Cap |
| 44050P | 1-1/4" Oil Fill Cap |
| 44052P | 2-1/2" Oil Filler Cap |
| 44097P | 1-3/8" Plug Filler Cap |
| 44098P | 2" Oil Fill Cap |
| 44141P | 1" Oil Fill Cap |
| 44165P | 1-1/2" Oil Fill Cap |
| 44209P | 1-3/8" Oil Fill Cap |
| 44352P | 2" Oil Cap Low Profile |
| 44401P | 1-5/8" Plug Filler Cap |
| 44402P | 2-1/4" Plug Filler Cap |
| 44901P | 1-1/2" Oil Cap |
| EFC-8553 | 1-3/8" Oil Cap 222GB213 |

## OIL FILLER CAP† — DORMAN

- Replacement prevents debris and moisture from entering the Oil Fill Tube and contaminating the oil system
- Clearly marked with raised letters for quick identification under the hood
- Easy to install

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 902-5504 | Engine Oil Filler Cap | 2007–2015 | Volvo | 9700, VHD, VN, VNL, VNM |



902-5504

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# DIPSTICKS

## DIPSTICKS



| | POWER PRODUCTS PN | PAI PN | FLEETGUARD PN | DESCRIPTION |
|---|---|---|---|---|
| | 40761P | — | — | 3-1/32" × 48" Dipstick |
| | 40764P | — | — | 84" Dipstick Universal Cut to Length |
| | 40767P | — | — | 1-1/32" × 48" Plug Dipstick Universal 431120 |
| | 40770P | — | — | 1-1/32" × 84" Dipstick |
| | 41420P | — | — | Dipstick Universal Cut to Length |
| | — | CUP141290 | — | Dipstick, Engine Cummins 216484 |
| | — | EDS-8805 | — | Dipstick |
| | — | EDS-8980 | — | Power Steering Reservoir Dipstck 9424-254387S |
| | — | — | Q347137 | Power Steering Dipstick |

## ENGINE OIL DIPSTICKS† — DORMAN

- Clear marks on the rod promise easy-to-read oil levels
- Application-specific direct replacement for proper fit
- O-ring seals the top of the dipstick, prohibiting oil from escaping




| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| | 917-5201 | 2008–2011 | Freightliner | Argosy, Cascadia, Century Class, Classic, Classic XL, Columbia, Coronado | Series 60; Detroit Diesel |
| | 917-5501<br>917-5502 | 2006–2015 | Volvo | VNL, VT | ISX 15.0 |
| | 917-5503 | 1996–2009 | Volvo | ACL, VHD, WC, WG, WI | D12; Volvo, VE12; Volvo |
| | 917-5505 | 2008–2010 | Mack | LEU | MP7 |
| | 917-5507 | 1990–2000 | Mack | CH, CL, DM, DMM, LE, MR, RB, RD, Vision | E7; Mack |
| | 917-5508 | 1989–2005 | Mack | CH, CL, CV, DM, DMM, LE, MH, MR, R, RB, RD, RM, RW | E7; Mack, Mack |
| | 917-5509 | 2003–2012 | Volvo | VN, VNL, VNM | D12; Volvo |

## POWER STEERING FLUID DIPSTICK†




| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
| | 917–5506 | Power Steering Fluid Dipstic | 1995–2003 | Mack | RD |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ENGINE OIL FILTER COVER†

- Comes with required gaskets (where applicable) for ease of installation
- High quality rubber, plastic or aluminum construction for a long service life
- Dorman's Engine Oil Filter Covers are constructed to strict engineering quality standards

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  902-5701 | 902-5701 | 2000–2017 | Freightliner, Sterling, Sterling Truck | Acterra, Acterra 5500, Acterra 6500, Acterra 7500, Acterra 8500, B2, Century Class, FB65, FL50, FL60, FL70, FL80, FS65, L7500, L8500, LT7500, LT8500, M2, M2 100, M2 106, MB Line, MT45, MT55, S2, Sport Chassis, XC Raised Rail, XC Straight Rail | MBE900; Mercedes-Benz; Diesel, MBE904; Mercedes-Benz; Diesel, MBE904-170; Mercedes-Benz; Diesel, MBE904-190; Mercedes-Benz; Diesel, MBE906; Mercedes-Benz; Diesel, MBE906-230; Me |

## ENGINE OIL COOLERS†

- Corrosion-resistant for effective protection against the elements
- Durable aluminum construction for long-lasting performance
- Direct replacement for a proper fit every time

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-5101 | 904-5101 | 2006–2009 | IC Corporation, International | 1300 FBC, 3000 Chassis, 3000 IC, 3200, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, CE Commercial, CE Integrated, CXT, FE Commercial, FE Integrated, FE School Bus, RE Commercial, RE School Bus | DT466 |
|  918-5500 | 918-5500 | 2000–2003 | Mack | Vision | E7-300 ETECH; Mack, E7-310 ETECH; Mack, E7-330 ETECH; Mack, E7-350 ETECH; Mack, E7-380 ETECH; Mack, E7-400 ETECH; Mack, E7-427 ETECH; Mack, E7-460 ETEC |
|  918-5601 | 918-5601 | 2003–2009 | Chevrolet, GMC | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, Kodiak C8500, Topkick C8500 | |

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## ENGINE OIL DRAIN PLUGS†

- Available in many different sizes
- Dorman's oversized, piggyback, and rubber expanding plugs eliminate the need to replace the entire pan, saving you time, labor and money
- Our Oil Drain Plugs are designed and constructed to strict engineering quality standards

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  090-5001CD | 090-5001CD | 1989–2013 | Blue Bird, Ford, Freightliner, International, Kenworth, Peterbilt, Western Star | 3176; Caterpillar, C10; Caterpillar, C11; Caterpillar, C12; Caterpillar, C13; Caterpillar |
| | 090-5002CD | 1974–2009 | Blue Bird, Ford, Freightliner, GMC, International, Kenworth, Mack, Peterbilt, Sterling, Sterling Truck, Volvo, Western Star, Workhorse | ISL; , L10; , L10; ; ACL42 SubModel, L10; ; ACL64 SubModel, L10; ; WG42 SubModel, L10; ; WG42T SubModel, L10; ; WG6 |
| | 090-5003CD | 1998–2015 | Freightliner, International, Kenworth, Mack, Peterbilt, Pierce Mfg. Inc., Volvo, Western Star | ISX 11.9; , ISX 11.9G; , ISX 15.0; |
| | 090-5004CD | 1987–2015 | Blue Bird, Ford, Freightliner, GMC, International, Kenworth, Mack, Peterbilt, Sterling, Sterling Truck, Volvo, Western Star | Series 60; Detroit Diesel, Series 60; Detroit Diesel; ACL42 SubModel, Series 60; Detroit Diesel; ACL64 SubModel, Series 60; Detroit Diesel; ACL64T SubModel, Series 60; Detroit Diesel; WAH64 |

## ENGINE OIL DRAIN PLUG GASKETS†

- Direct replacement gaskets and some universal gaskets available; proper fit with the drain plug ensures a tight seal
- Gaskets are also included with many of Dorman's engine oil drain plugs and pans
- Made to specific sizes and standards to ensure a proper fit

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  095-5001 | 095-5001CD | 1989–2013 | Blue Bird, Ford, Freightliner, International, Kenworth, Peterbilt, Western Star | 3176; Caterpillar, C10; Caterpillar, C11; Caterpillar, C12; Caterpillar, C13; Caterpillar |
| | 095-5002CD | 1981–2010 | Blue Bird, Ford, Freightliner, GMC, International, Kenworth, Mack, Peterbilt, Sterling, Sterling Truck, Volvo, Western Star | ISM 10.8, L10, M11, N14 |
| | 095-5003CD | 1998–2015 | Freightliner, International, Kenworth, Mack, Peterbilt, Pierce Mfg. Inc., Volvo, Western Star | ISX 11.9, ISX 11.9G, ISX 15.0 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ENGINE OIL PANS†

- Durable stamped steel construction ensures long lasting performance
- Premium corrosion resistant coating prevents rust
- Oil drain plug and drain plug gaskets included and are direct match

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  264-5005 | 264-5005 | 1999–2016 | American LaFrance, Blue Bird, Crane Carrier, Freightliner, International, Kenworth, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Spartan Motors, Sterling Truck, Van Hool, Volvo, Western Star | ISX 11.9, ISX 15.0 |
| | 264-5006 | 1982–2010 | Advance Mixer, ATC, Autocar, Bering, Blue Bird, Crane Carrier, Diamond, E-One, Federal Motors, Ford, Freightliner, FWD Corporation, GMC, Grumman, HME, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Pemfab, Peterbilt, Pierce, Pierce Mfg. Inc. | ISM 10.8, ISM, ISM-280, ISM-310, ISM-330, ISM-350, ISM-370, ISM-400, Engine Des |
| | 264-5012 | 2001–2010 | American LaFrance, Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Spartan Motors, Sterling, Sterling Truck, Thomas, Western Star, Workhorse, Workhorse Custom Chassis | 3126; Caterpillar, 3126B; Caterpillar, C7; Caterpillar |

- Stamped steel or cast aluminum construction ensures long lasting durability
- High strength coating prevents rust
- Oil drain plug and drain plug gaskets also available separately

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  264-5750 | 264-5104 | 2004–2011 | IC Corporation, International | 1300, 1300 FBC, 3200, 3300, 3300 Chassis, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, 7500, 8500, 8500 TranStar, CE, CE Commercial, CE Integrated, CE School Bus, CXT, RE, RE Commercial, RE Integrated, RE School Bus, RXT | L6 466CID 7.6L (7638cc); DT466, L6 466CID 7.6L; DT466, L6 466CID 7.6L; MaxxForce DT, L6 570CID 9.3L (9342cc); DT570, L6 570CID 9.3L (9342cc); HT570, L6 570CID 9.3L (9342cc); M |
| | 264-5601 | 1999–2004 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster | L4 290CID 4.8L ; 4HE1; DIESEL |
| | 264-5750 | 2005–2017 | Hino | 238, 258, 258ALP, 258LP | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CABIN AIR FILTERS



PP10604

| POWER PRODUCTS PN | TYPE | BALDWIN CROSS | FLEETGUARD CROSS |
|---|---|---|---|
| PP10049 | Cabin Air | PA4985 | AF26430 |
| PP10237 | Cabin Air | PA5359 | AF26427 |
| PP10604 | Cabin Air | PA3986 | AF26435 |
| PP10605 | Cabin Air | PA4681 | AF26405 |
| PP10606 | Cabin Air | PA4857 | AF26235 |
| PP10611 | Cabin Air | PA5319 | AF25697 |
| PP10612 | Cabin Air | PA5320 | AF26449 |
| PP10614 | Cabin Air | PA5337 | AF26418 |
| PP10615 | Cabin Air | PA5637 | AF55700 |
| PP10616 | Cabin Air | PA5679 | AF27958 |
| PP10618 | Cabin Air | PA5765 | AF55832 |
| PP25870 | Cabin Air | PA4405 | — |

## AIR FILTERS



PA2521



AF979



PA4075



PA4985



AF26163M

| BALDWIN PN | TYPE | FLEETGUARD CROSS |
|---|---|---|
| PA2521 | Element | AF979 |
| PA2705 | Primary | AF1968M |
| PA4075 | Element | AF25590 |
| PA4681 | Panel | AF26405 |
| PA4985 | Element | AF26430 |
| RS2863 | Primary | AF4878 |
| RS3517 | Primary | AF25667 |
| RS3515 | Element | AF25138M |
| RS3544 | Element | AF25292 |
| RS3704 | Element | AF25551 |
| RS3715 | Primary | AF25550 |
| RS4634 | Element | AF26363 |
| RS4636 | Primary | AF25707 |
| RS4642 | Element | AF26163M |
| CA5514 | Primary | AF27876 |
| RS5287XP | Element | AF25144 |
| RS5288XP | Element | AF27948 |
| RS53518 | Primary | AF25139M |
| RS53519 | Element | AF25345 |

## COOLANT & SEPARATOR FILTERS
















| | BALDWIN PN | TYPE | FLEETGUARD CROSS |
|---|---|---|---|
| | BF1212 | Fuel/Water Separator | FS1212 |
| | BF1226 | Fuel/Water Separator | FS1251 |
| | BF1259 | Fuel/Water Separator | FS1000 |
| | BF1272-SPS | Fuel/Water Separator | FS1022 |
| | BF7674-D | Fuel/Water Separator | FS19583 |
| | BW5071 | Coolant — Spin On | WF2071 |
| | BW5137 | Coolant — Spin On | WF2051 |
| | BW5178 | Coolant — Spin On | WF2015 |
| | CS5008 | Coolant — Additive | DCA30L |
| | PF7748 | Fuel/Water Separator | FS19624 |
| | PF7755 | Fuel/Water Separator | FS19729 |
| | BF1293-SPS | Fuel/Water Separator | FS1003 |
| | BF1386-O | Fuel/Water Separator | FS19966 |
| | BF46018-O | Fuel/Water Separator | FS20040 |
| | PF7748 | Fuel/Water Separator | FS19624 |
| | PF9928 | Fuel/Water Separator | FS36401 |
| | PF7680 | Fuel/Water Separator | FF5369W |

## LUBE FILTERS







LF3313






















| | BALDWIN PN | TYPE | FLEETGUARD CROSS |
|---|---|---|---|
| | B2 | Spin On | LF3313 |
| | B31 | Spin On | LF796 |
| | B76 | Spin On | LF667 |
| | B76-SS | Spin On | LF3379 |
| | B99 | Spin On | LF691A |
| | B329 | Spin On | LF3681 |
| | B495 | Spin On | LF3620 |
| | B7030 | Spin On | LF3883 |
| | B7039 | Spin On | LF3630 |
| | B7177 | Spin On | LF3970 |
| | B7225 | Spin On | LF3973 |
| | B7299 | Spin On | LF691A |
| | B7600 | Spin On | LF667 |
| | B7685 | Spin On | LF3654 |
| | BC7242 | Spin On | CS41011 |
| | BD103 | Spin On | LF3000 |
| | BD7153 | Spin On | LF9070 |
| | BD7154 | Spin On | LF9080 |
| | BD7250 | Spin On | LF9025 |
| | BD7309 | Spin On | LF9009 |
| | BT339 | Spin On | LF3349 |
| | BT427 | Spin On | LF3345 |
| | B243 | Spin On | LF3339 |
| | P7230 | Element | LF16046 |
| | P7235 | Element | LF16166 |
| | B7503 | Spin-on | LF17499 |
| | B7506 | Spin-on | LF17515 |
| | BD50000 | Spin-on | LF14000NN |
| | P40019 | Element | LF16233 |
| | B7322 | Spin-on | LF16243 |
| | B7409 | Spin-on | LF3654 |
| | P7505 | Element | LF17511 |

## FUEL FILTERS




BF614



BF840-K1



BF957




FF185



BF988




BF7629



FF5369W

| | BALDWIN PN | TYPE | FLEETGUARD CROSS |
|---|---|---|---|
| | BF614 | Spin On | FF5264 |
| | BF788 | Spin On | FF42000 |
| | BF840-K1 | Element | FF149 |
| | BF957 | Spin On | FF105 |
| | BF970 | Spin On | FF185 |
| | BF988 | Spin On | FF5018 |
| | BF1224 | Spin On | FF5301 |
| | BF5800 | Spin On | FF5207 |
| | BF5810 | Spin On | FF5206 |
| | BF7587 | Spin On | FF5319 |
| | BF7629 | Spin On | FF5269 |
| | BF7632 | Spin On | FF5321 |
| | BF7634 | Spin On | FF5324 |
| | BF7656 | Spin On | FF5381 |
| | BF7657 | Spin On | FF5382 |
| | BF7760 | Spin On | FF2203 |
| | BF7766 | Spin On | FF2200 |
| | BF7773 | Spin On | FF5643 |
| | BF7814 | Spin On | FF5507 |
| | PF7698 | Element | FF5418 |
| | PF7744 | Element | FF5369W |
| | PF7761 | Element | FF5405 |
| | PF7779 | Element | FS19684E |
| | PF7812 KIT | Element | FS19797 |
| | BF7943 | Spin-on | FF254 |
| | BF9885 | Spin-on | FF5776 |
| | BF9927 | Spin-on | FF252 |
| | PF9924 KIT | Fuel Filter Kit | FK48555/6 |

# CRANKCASE FILTERS

## CRANKCASE FILTERS

| | BALDWIN PN | TYPE | FLEETGUARD CROSS |
|---|---|---|---|
|  CV50626 | — | Crankcase Ventilation | CV50628 |
| | — | Crankcase Ventilation | CV50626 |
|  CV15000 | CV15000 | Crankcase Ventilation | CV50634 |

## ENGINE CRANKCASE BREATHER ELEMENTS†

- Direct replacement for a proper fit every time
- Quick disconnect fittings
- Constructed of high quality materials for resistance to oil and heat

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7902 | 904-7902 | 2008–2015 | Autocar, Blue Bird, Crane Carrier, E-One, Freightliner, HME, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Seagrave, Spartan, Sterling, Sterling Truck, Sutphen, Western Star, Workhorse | | ISC 8.3, ISC, ISC-280, ISC-300, ISC-330, ISC-350, ISL 8.9, ISL G 280, Engine DE |
| | 904-7903 | 2011–2017 | Freightliner, Kenworth, Peterbilt, Pierce Mfg. Inc. | 320, 365, 367, 384, 386, 388, 389, 567, 579, Arrow XT, Cascadia, Custom, T660, T680, T800, T880, Velocity, W900 | ISX 11.9 |
| | 904-7904 | 2010–2012 | Freightliner, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Volvo, Western Star | 320, 365, 367, 384, 386, 387, 388, 389, 4900EX, 4900FA, 4900SA, 5500i, 5600i, 587, 5900i, 5900i SBA, 9400i SBA, 9900i, Argosy, C500, Cascadia, Columbia, Coronado, H, LoneStar, ProStar, S, T2000, T660, T700, T800, VNL, W900 | L6 915CID 15.0L (15000cc), ISX 15.0 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# FUEL TANK SENDING UNITS

## FUEL TANK SENDING UNITS†

- Gasket included for ease of replacement
- Corrosion resistant
- Leak resistant

285-5101



285-5401



| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| 285-5101 | 2001–2018 | International | 3200, 4100, 4200, 4300, 4300LP, 4400, 4400LP, 5500i, 5600i, 7300, 7300 SBA, 7400, 7500, 7600 |
| 285-5103 | 1996–2011 | International | 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9800, 9800 SBA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 285-5104 | 1997–2015 | IC, International | 1652SC, 1652UPS, 3000, 3000RE, 3200, 3300, 3300 CE, 3400, 3600, 3800, 3800 CE, 3900, 4700, 4700LP, 4700LPX, 4800, 4900, 5000, 5500i, 8100 |
| 285-5105 | 1985–1991 | IC, International | |
| 285-5107 | 2001–2017 | IC Corporation, International | 1300 FBC, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7400, 7500, 7600, WorkStar 7600 |
| 285-5108 | 2002–2016 | IC Corporation, International | 3300 Chassis, 4200, 4200LP, 4300, 4300LP, BE School Bus, CE Commercial, CE Integrated, CE School Bus, TerraStar |
| 285-5110 | 1990–2018 | International | 8600, 8600 SBA, 8600 TranStar, ProStar |
| 285-5117 | 2001–2018 | International | 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, WorkStar 7600 |
| 285-5203 | 1994–1999 | Freightliner | FL106, FL50, FL60, FL70, FL80, FLD120, FLD120 SD |
| 285-5206 | 1996–2015 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120 |
| 285-5207 | 2002–2012 | Freightliner | Business Class M2, Century Class, Columbia, Coronado, M2, M2 100, M2 106, M2 112 |
| 285-5213 | 2012–2016 | Freightliner | Cascadia, Cascadia 113, Cascadia 125, Columbia, Columbia 112, Columbia 120 |
| 285-5214 | 2002–2018 | Freightliner | M2 106, M2 112 |
| 285-5217 | 2002–2018 | Freightliner | M2 106, M2 112 |
| 285-5220 | | | |
| 285-5401 | 1987–2018 | Peterbilt | 200, 200-33, 210, 220, 224, 227, 265, 270, 320, 325, 330, 335, 337, 340, 348, 349, 353, 357, 359, 362, 365, 367, 372, 375, 376, 377, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 587 |
| 285-5402 | 1987–2018 | Peterbilt | 200, 200-33, 210, 220, 224, 227, 265, 270, 320, 325, 330, 335, 337, 340, 348, 349, 353, 357, 359, 362, 365, 367, 372, 375, 376, 377, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 587 |
| 285-5403 | 1987–2011 | Peterbilt | 200, 200-33, 210, 220, 224, 227, 265, 270, 320, 325, 330, 335, 337, 340, 348, 349, 353, 357, 359, 362, 365, 367, 372, 375, 376, 377, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 587 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUEL TANK SENDING UNITS†, continued

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  285-5505 | 285-5404 | 1987–2017 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K130, K200, K220, K300, LW924, T170, T2000, T270, T300, T370, T400, T450, T600A, T660, T800, W900 |
| | 285-5405 | 1987–2016 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K130, K150, K200, K300, LW924, T170, T2000, T270, T300, T370, T400, T450, T600A, T660, T800, W900 |
| | 285-5406 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K130, K150, K200, K220, K300, LW924, T170, T2000, T270, T300, T370, T400, T450, T600A, T660, T800, W900 |
| | 285-5501 | 2008–2011 | Mack | GU7, GU8 |
| | 285-5503 | 1991–2003 | Mack | MR |
| | 285-5504 | 2002–2008 | Mack | CV |
| | 285-5505 | 2008–2010 | Mack | CHU, CXU, Pinnacle |
| | 285-5506 | 1995–2003 | Mack | CH, Vision |
|  285-5511 | 285-5508 | 1991–2011 | Mack | CH, CHU, CL, CS200P Mid-Liner, CS250P Mid-Liner, CS300P Mid-Liner, CS300T Mid-Liner, CV, CXN, CXP, CXU, GU7, GU8, LE, LEU, MR, MRU, MS200P Mid-Liner, MS250P Mid-Liner, MS300P Mid-Liner, MS300T Mid-Liner, Pinnacle, RB, TD700, Vision |
| | 285-5509 | 1990–2004 | Volvo | WAH, WG, WX |
| | 285-5510 | 2003–2018 | Volvo | VN, VNL |
| | 285-5511 | 1989–2007 | Mack | RD |
| | 285-5512 | 1985–1993 | Mack | RW |
| | 285-5514 | 1981–2006 | Mack | DM |
| | 285-5516 | 2007–2017 | Mack | CT, CTP, GU4, GU5, GU7, GU8 |
| | 285-5518 | 1990–2007 | Mack | MR |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DRIVER MODULE†

- Direct replacement for a proper fit
- Easy-to-install, plug and play repair solution-no programming necessary
- Vehicle try-on testing has been conducted on this part to ensure a trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-5507 | 904-5507 | Diesel Fuel Injector Driver Module | 2008–2013 | Mack | LEU, MRU |

## FUEL COOLER†

- Direct replacement for a proper fit
- Easy to install
- Vehicle try-on testing has been conducted to ensure trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  918-5400 | 918-5400 | Fuel Cooler | 2014–2017 | Kenworth, Peterbilt | 365, 367, 384, 386, 388, 389, 567, 579, 587, T660, T680, T700, T800, T880, W900 | MX-13; PACCAR |

## FUEL INJECTOR O-RING KIT†

- Designed to naturally combat brittleness, cracking, and heat aging
- O-rings are also available separately
- Manufactured to strict engineering quality standards

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  904-7926 | 904-7926 | Fuel Injector O-Ring Kit | 2005–2016 | IC Corporation, International | L6 466CID 7.6L (7638cc), DT466, L6 466CID 7.6L, DT466, L6 466CID 7.6L, MaxxForce DT |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUEL TANK STRAPS†

- Made of Steel for durability and strength
- Corrosion resistant
- Direct replacement for a proper fit every time


578-5102

| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| 578-5102 | 1997–2011 | International | |
| 578-5201 | 2000–2011 | Freightliner | |
| 578-5401 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K100E, K130, K150, K200, K220, K260, K270, K300, K360, K370, LW924, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T700, T800, W900 |
| 578-5402 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K100E, K130, K150, K200, K220, K260, K270, K300, K360, K370, LW924, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T700, T800, W900 |
| 578-5403 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K100E, K130, K150, K200, K220, K260, K270, K300, K360, K370, LW924, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T700, T800, W900 |
| 578-5404 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K100E, K130, K150, K200, K220, K260, K270, K300, K360, K370, LW924, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T700, T800, W900 |
| 578-5405 | 1987–2011 | Kenworth | 13-210, 22-210, 548, 750, 849-S, 850, 950, ATX, C500, K100, K100E, K130, K150, K200, K220, K260, K270, K300, K360, K370, LW924, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T700, T800, W900 |
| 578-5406 | 1987–2011 | Peterbilt | 200, 200-33, 210, 220, 224, 227, 265, 270, 320, 325, 330, 335, 337, 340, 348, 349, 353, 357, 359, 362, 365, 367, 372, 375, 376, 377, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 587 |
| 578-5407 | 1987–2005 | Peterbilt | 200, 200-33, 224, 227, 265, 270, 320, 330, 335, 349, 353, 357, 359, 362, 372, 375, 376, 377, 378, 379, 382, 384, 385, 387, 388, 389, 567, 587 |

## FUEL PUMP†

- Direct replacement for a proper fit every time
- Constructed of durable steel, aluminum and plastic material
- Replacement is essential for proper operation of your vehicles engine

| PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| 285-5500 | Mechanical Fuel Pump | 1989–2005 | Mack | CL700, FDM, MR, Vision | AC-310; Mack, AC-330; Mack, AC-350; Mack, AC-380; Mack, AC-400; Mack, AC-427; Mack, AC-460; Mack, E7, E7; Mack, E7-250; Mack, |


285-5500

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUEL PRESSURE SENSORS†

- Stops and prevents rough idling
- Replacement shuts off the "check engine" light
- Restores fuel efficiency

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7018 | 904-7018 | 2006–2009 | Crane Carrier, Freightliner, International, Kenworth, KME, Peterbilt, Pierce Mfg. Inc., SEAGRAVE, SPARTAN, Sterling, Sterling Truck, Western Star | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-450; Caterpillar, C15A-475; Caterpillar, C15A-500; Caterpillar, C15A-515; Caterpillar, Engine De |
| | 904-7029 | 2005–2007 | Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck | C7; Caterpillar, C7-175; Caterpillar, C7-210; Caterpillar, C7-230; Caterpillar, C7-250; Caterpillar, C7-275; Caterpillar, C7-300; Caterpillar |
| | 904-7110 | 2007–2018 | Freightliner, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Volvo, Western Star | ISX 11.9, ISX 11.9G, ISX 15.0, ISX 400, ISX 450, ISX 600, ISX, ISX-385 ST, Engi |

## FUEL INJECTION FUEL RAIL PRESSURE SENSOR†

- Stops and prevents rough idling
- Replacement shuts off the "check engine" light
- Restores fuel efficiency

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7149 | 904-7149 | 2008–2012 | American LaFrance, Blue Bird, Capacity Of Texas, Dodge, Freightliner, Gillig, Ram, Roadmaster Rail, Sterling Truck, Van Hool | L6 408CID 6.7L (6691cc); ISB 6.7, L6 408CID 6.7L ; ETJ |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## REMAN FUEL INJECTORS

- All makes electronic fuel injectors and many pumps including OTR™, Cat®, Cummins®, Detroit Diesel™, International®, Power Stroke®, Volvo, and Duramax for out-of-warranty engines
- Remanufactured in the USA since 1959
- Warranty is 18 months unlimited miles, non-prorated. If an injector fails in the 17th month, we give you a replacement and start the clock over at 18 months
- We use the injector core that comes out of the engine and remanufacture it to factory original tolerances as if it were new
- Every injector we build must pass 15 different quality checks, simulating actual road conditions

## CUMMINS



OTRINJISX665PR

| INJECTORS | OTR PN | OEM PN | APPLICATION |
|---|---|---|---|
| Celect Injector | OTRINJC3411765R | 3411765R | Cummins N14 |
| Celect Injector | OTRINJC753R | 3411753RX | Cummins M11 |
| Celect Injector | OTRINJC756R | 3411756R | Cummins M11 |
| Celect Injector | OTRINJC766R | 3411766RX | Cummins N14 |
| Celect Injector | OTRINJC767R | 3411767 | Cummins N14 |
| Celect Injector | OTRINJC921R | 4902921PX | Cummins M11 |
| CR (Common Rail) Injector | OTRINJCR316R | 5263316R | Cummins 5.9L 2004-2007 Dodge p/u |
| Common Rail Injector | OTRINJCR5256034R | 5256034R | Cummins ISB |
| HPCR Injector | OTRINJCR5263305R | 5263305RX | Cummins 8.3L ISC |
| ISX Injector | OTRINJISX4062567R | 4062567R | Cummins ISX |
| ISX Injector | OTRINJISX434R | 4954434R | Cummins ISX |
| ISX Injector | OTRINJISX4954888R | 4954888R | Cummins ISX |
| ISX Injector | OTRINJISX665PR | 4088665 | Cummins ISX |

## DETROIL DIESEL



OTRINJDD414703002R

| INJECTORS | OTR PN | OEM PN | APPLICATION |
|---|---|---|---|
| Electronic Unit Injector | OTRINJDD414703002R | R414703002 | Series 60, 14L, N3 |
| Electronic Unit Injector | OTRINJDD414703003R | R414703003 | Series 60, 14L, N3 |
| Electronic Unit Injector | OTRINJDD5235575R | E5235575 | Series 60, 12.7L KENWORTH W900 1988-2003 |
| Electronic Unit Injector | OTRINJDD5235580R | 5235580R | Series 60, 11.1L |
| Electronic Unit Injector | OTRINJDD5235915R | 5235915R | Series 60 PETERBILT 379 1987-2003 |
| Electronic Unit Injector | OTRINJDD5236977R | E5236977 | Series 60 PETERBILT 357 1988-2003 |
| Electronic Unit Injector | OTRINJDD5237045R | E5237045 | Series 60, 12.7L |
| Electronic Unit Injector | OTRINJDD5237466R | 5237466R | Series 60, 12.7L |
| Electronic Unit Injector | OTRINJDD5237650R | E5237650 | Series 60, 12.7L KENWORTH W900 1988-2003 |
| Electronic Unit Injector | OTRINJDD5237820R | 5237820R | Series 60 1987-2002 |
| Electronic Unit Injector | OTRINJDD5237821R | 5237821R | Series 60 11.1L, 12.7L, 14.0L |

## CATERPILLAR

| | INJECTORS | FLEETPRIDE PN | OEM PN | APPLICATION |
|---|---|---|---|---|
|  OTRINJ10R1273R | Electronic Unit Injector | OTRHEUIOR9350R | OR9350R | 3126E |
| | Electronic Unit Injector | OTRINJ10R0957R | 10R0957, | 3406E/C15 |
| | Electronic Unit Injector | OTRINJ10R0960R | 10R0960 | C12 |
| | Electronic Unit Injector | OTRINJ10R0963R | 10R0963 | C10/C12 |
| | Electronic Unit Injector | OTRINJ10R1000R | 10R1000 | 3406E |
| | Electronic Unit Injector | OTRINJ10R1273R | 10R1273, | 3406E/C15 |
| | Electronic Unit Injector | OTRINJ10R2977R | 10R2977 | C13 |
| | HEUI Injector | OTRINJ10R4761R | 10R-4761, | C7 |
| | HEUI Injector | OTRINJ10R4763R | 10R4763, | C7 |
| | HEUI Injector | OTRINJ10R7222R | 10R7222 | C9 |
| | Electronic Unit Injector | OTRINJOR9258R | OR9258 | 3406E |
| | Electronic Injector | OTRINJ10R8502R | 10R8502R | 3406E/C15 |

## MACK

| | INJECTORS | FLEETPRIDE PN | OEM PN | APPLICATION |
|---|---|---|---|---|
|  | Mechanical Injector | OTRINJM736GB410M3R | 736GB410M3 | E7 Series |
| | Mechanical Injector | OTRINJM736GB410MR | 736GB410M | E7 Series |
| | Mechanical Injector | OTRINJM736G-B49BM3R | 736GB49BM3 | E7 Series |
| | Mechanical Injector | OTRINJM736GB49BM4R | 736GB49BM4 | E7 Series |
| | Electronic Unit Pump | OTRPEU313GC5227MR | 313GC5227MR | E7 Series |
| | Electronic Unit Pump | OTRPEU313GC-5230MXR | 313GC5230MXR | E7 Series |
| | Electronic Unit Pump | OTRPEU313GC-5233MXR | 313GC5233MXR | E7 Series |

OTRINJM736GB49BM3R

## INTERNATIONAL/FORD

| | INJECTORS | FLEETPRIDE PN | OEM PN | APPLICATION |
|---|---|---|---|---|
|  OTRINJ60BR | Reman HEUI Injector "AD" | OTRHEUIADR | 1831487C93 | 1999-2003 T444E & Ford Powerstroke 7.3L : Cylinders 1-7 |
| | Reman HEUI Injector "AE" | OTRHEUIAER | 1833646C92, XC-3Z9E527AARMR | 1999-2003 T444E & Ford Powerstroke 7.3L : Cylinder # 8 |
| | Reman HEUI Injector "BE" | OTRHEUIBER | 2593592C91, 1829839C94R | 1997-1999 DT466E: 175HP-230HP |
| | Reman HEUI Injector "BI" | OTRHEUIBIR | 2593595C92, 1830741C93R | 1999-2003 DT446E: 175HP-250HP |
| | Reman HEUI Injector "BN" | OTRHEUIBNR | 2593597C92 | 2000-2003 DT530/HT530: 250HP-340HP |
| | Reman G2.8 Injector | OTRINJ60BR | 1878285C91, LM200 | 2004-2010 Ford 6.0L, VT365/VT275/MaxxForce 5 |
| | Reman G2.9 Injector | OTRINJBANG489R | 5010983R91, 1848489C91R | 2006 DT466: 210HP to 285HP "BANG" |
| | Reman CR Piezo Injector | OTRINJCR64239R | 5010889R91, 1883111C92 | 2010-2014 MaxxForce 7: Post 2010 Emission |
| | Reman CR Piezo Injector | OTRINJCR64527R | 4307381R91, 1873422C93, 8C3Z9E527A | 2007-2010 MaxxForce 7: Pre 2010 Emission |
| | Reman G2.9 Injector | OTRINJG29576R | 5010656R92 | 2004 DT466: 210HP-225HP |
| | Reman G2.9 Injector | OTRINJG29577R | 5010657R92, 1842224C91R | 2004 DT466: 245HP-285HP / 2005 DT466: 210HP-285HP |
| | Reman G2.9 Injector | OTRINJMAX055R | 5010715R91, 1890055C91, 1890055C92 | 2010-2014 MaxxForce DT: 215HP-300HP |
| | Reman G2.9 Injector | OTRINJMAX718R | 5010561R93, 1848718C92 | 2007-2010 MaxxForce DT: 210HP-300HP |
| | Reman G2.9 Injector | OTRINJMAX721R | 1848721C92R | 2007-2010 Maxforce 9 & 10 300-330 HP |

## PUMPS / VALVES / O-RINGS

| PN | DESCRIPTION | BRAND | TYPE |
|---|---|---|---|
| 82091 | Fuel Pump 82050 | Maxima Technologies | Pump |
| 3505245 | Pump Injection Series 60 R23537686 | DSS Prodiesel | Pump |
| 3505245R | Pump Injection Series 60 R23537686 | DSS Prodiesel | Pump |
| P3035342 | Valve Solenoid 12V Bm69974 | Power Products | Valve |
| 060071 | Valve Splitter High Flow | Velvac | Valve |
| 060070 | Valve Return Flow Splitter Std | Velvac | Valve |
| SER60KIT | O-Ring Kit For 60 Series | DSS Prodiesel | O-Rings |

## FUEL LINE HOSES — Sold by the foot

| POWER PRODUCTS PN | GATES PN | DESCRIPTION | SIZE (ID) |
|---|---|---|---|
| FL1425 | — | FLH Hose Fuel Line | 1/4" |
| FL3825 | — | FLH Hose Fuel Line | 3/8" |
| FL5625 | — | FLH Fuel Line Hose | 5/16" |
| — | 27000 | FLH Fuel Line-PCV-EEC Hose | 1/8" |
| — | 27005 | FLH Fuel Line-PCV-Evaporative Em | 3/8" |
| — | 27008 | FLH Fuel-PCV-Emission Control Hose | 1" |
| — | 27010 | FLH Fuel Line Hose | 3/4" |
| — | 27312 | FLH Barricade Fuel Line Hose | 3/16" |
| — | 27313 | FLH Barricade Fuel Line | 1/4" |
| — | 27314 | FLH Barricade Fuel Hose | 5/16" |
| — | 27315 | FLH Barricade Fuel Line Box | 3/8" |
| — | 27316 | FLH Barricade Fuel Line Hose | 1/2" |
| — | 27323 | FLH Barricade Fuel Line Hose | 1/4" |
| — | 27325 | FLH Barricade Fuel Line Hose | 3/8" |
| — | 27339 | FLH Hose Barricade Fuel Injector | 1/4" |
| — | 27340 | FLH Hose Barricade Fuel Injector | 5/16" |
| — | 27341 | FLH Hose Barricade Fuel Injector | 3/8" |
| — | 58532 | FLH w/I Fuel Fill Exchange Hose | 2" |
| — | 65116 | FLH Fuel Line Hose | 1/2" |
| — | 65117 | FLH Fuel Line Hose | 5/8" |
| — | 65125 | FLH Fuel Line Hose | 3/16" |
| — | 65126 | FLH Hose | 1/4" |
| — | 65127 | FLH Fuel Line Hose | 5/16" |
| — | 65128 | FLH Fuel Line Hose | 3/8" |
| — | 65129 | FLH Fuel Hose | 7/16" |
| — | 80057 | FLH Fuel Line Hose | 1/4" |
| — | 80063 | FLH Fuel Line Hose | 3/8" |
| — | MFH4175010 | FLH Fuel Return Hose 243Ax6f | — |

## DIAGNOSTIC TOOLS†

| | PN | DESCRIPTION |
|---|---|---|
| | | **COMMERCIAL VEHICLES JALTEST CV KIT** |
|  | • COJ10<br>• 29053 (Renewal)<br>• 29427 (Info Online Renewal)<br>• 29533 (Rugged Laptop, sold separately) | • Market leader for all makes-all models diagnostics<br>• Has more bi-directional controls than any other tool available<br>• Best troubleshooting in the market, with interactive system diagrams that identify sensors, components and pins<br>• Covers Class 3-8 vehicles<br>• Also available for off-highway and agricultural equipment<br>• Includes: Commercial vehicle software activation; 1-year license; 1-year info on-line; Jaltest link interface; transport hardcase; USB cable; multipins set; Deutsch adapter cable (6PIN); OBD diagnosis cable; Deutsch 1939 type 2 green; diagnosis cable (9PIN) (laptop required) |
| | | **MULTIBRAND DIAGNOSTICS — AGRICULTURAL VEHICLES** |
| | • 29762 (Software add to COJ10)<br>• COJ20 (Standalone Kit)<br>• 29761 (License Renewal)<br>• 29758 (Cable Set) | • Diagnose engine, transmission and hydraulic systems with interactive wiring diagrams and symptom troubleshooting information. Add to your COJ10 CV Kit or purchase as a standalone tool.<br>• Includes: AGV software activation, 1 year license, Jaltest linkair AGV, multipins set, OBD diagnosis cable, USB cable, transport hardcase |
| | | **MULTIBRAND DIAGNOSTICS — OFF-HIGHWAY VEHICLES** |
| | • 29770 (Software add to COJ10)<br>• COJ30 (Standalone Kit)<br>• 29763 (License Renewal)<br>• 29769 (Cable Set) | • Diagnose engine & transmission systems with interactive wiring diagrams and symptom troubleshooting information. Add to your COJ10 CV Kit or purchase as a standalone tool.<br>• Includes: OHW software activation, 1 year license, Jaltest link interface, multipins set, Deutsch 6 Pins diagnosis cable, OBD diagnosis cable, USB cable, transport hardcase, Deutsch 9 pin type 2 green diagnosis cable |
| | | **STANDALONE DIAGNOSTICS TOOL** |
|  | • COJRP1210<br>• COJRP1210B (Includes JTP94) | • The Jaltest RP1210 standard functionality allows the user to utilize the Jaltest Communication Link VCI (Vehicle Communication Interface) with the different manufacturers' software, without the need to utilize the OE hardware. SAE 1708, SAE 1939 & OBD Generic protocols supported.<br>• Some of the advantages of this tool:<br>- Complete code reader according to SAE & ISO standard protocols<br>- Access to the most complete technical encyclopedia in the market when you add info online #29427<br>- Upgradable software to full Jaltest All-makes and All-models diagnostics<br>- Possibility to generate complete vehicle diagnostics reports<br>- Includes Jaltest GRP: ERP solutions for the shop<br>• Includes: Software activation, Jaltest link interface, transport hardcase, USB cable, Deutsch 6 pins diagnosis cable, OBD diagnosis cable, Deutsch 9 pins type 2 green diagnosis cable |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CAMSHAFT POSITION SENSORS†

- Sensor electronics sealed to resist fluid damage and corrosion
- Manufactured to strict engineering quality standards
- No special tools required

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  505-5110CD | 505-5110CD | 1997–2004 | Ford, IC Corporation, International | | L6 466CID 7.6L (7638cc); DT466, L6 466CID 7.6L; DT466, L6 530CID 8.7L (8687cc); DT530, L6 530CID 8.7L; DT530, V8 444CID 7.3L, V8 445CID 7.3L, V8 445CID 7.3L; VIN F |
| | 904-7017 | 2004–2005 | Freightliner, International, Kenworth, KME, Peterbilt, Sterling Truck, Western Star | | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-475; Caterpillar, C15A-550; Caterpillar |
|  904-7017 | 904-7038 | 2000–2001 | Bering, Freightliner, International, Oshkosh Motor Truck Co., Peterbilt, Sterling Truck, Sutphen, Western Star | | C12; Caterpillar, C12-380; Caterpillar, C12-425; Caterpillar |
| | 904-7129CD | 1998–2002 | Ford, Freightliner, Kenworth, Peterbilt, Sterling Truck | 200, 378, Acterra 5500, Acterra 7500, Cargo, Century Class, F650, F750, F800, FC70, FC80, FL50, FL60, FL70, FL80, FS65, K300, MT45, MT55, SC7000 Cargo, T2000, T300, T600A, T800, W900, XC | ISB 5.9, ISB |
|  904-7129CD | 904-7251 | 1986–2003 | Advance Mixer, Blue Bird, Crane Carrier, Ford, Freightliner, GMC, International, Kenworth, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck, Volvo, Western Star | | Series 60, Detroit Diesel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## COOLANT LEVEL SENSORS†

- Replacement turns off the low coolant indicator light
- Direct replacement for a proper fit
- Easily screws onto coolant bottle

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7631 | 904-7631 | 2008–2017 | Kenworth, Peterbilt | 330, 335, 337, 340, 348, 357, 362, 365, 367, 377, 379, 382, 384, 385, 386, 387, 388, 389, T600, T660, T800, T880, W900 | |
|  904-7703 | 904-7703 | 2008–2018 | Mack, Volvo | 9700, 9700 Grand, CHU, CTP, CX, CXU, LR600, Pinnacle, VAH, VHD, VN, VNL, VNL 300, VNL 430, VNL 630, VNL 670, VNM, VNR | D11; Volvo, D13; Volvo, MP7; Mack, MP8; Mack |
| | 924-5205CD | 2007–2017 | Freightliner | Cascadia, Columbia | |
| | 924-5506 | 2006–2008 | Mack | CV, GU7, GU8 | MP7; Mack |
| | 924-5516 | 2008–2018 | Mack | LEU, MRU | MP7; Mack |

## COOLANT TEMPERATURE SENSORS†

- Direct replacement for a proper fit every time
- Replacement prevents any further damage to vehicle engine
- No special tools required during installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| 505-5101  | 505-5101 | 1989–2000 | International | 2554, 2654, 3000, 3600, 3700, 3800, 3900FC, 4700, 4700LP, 4800, 4900, 8000, 8100, 8200, 9300 | DT466, DT530, T444E |

- Direct replacement for a proper fit every time
- Replacement of a failed sensor restores proper gauge function
- Sensor is durably built to gauge the engines coolant temperature

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7039 | 505-5203 | 1988–2002 | Freightliner | FLD112, FLD120, FLD132 | L6 855CID 14.0L (14013cc); N14; |
| | 904-7039 | 1994–1999 | Autocar, Ford, Freightliner, International, Kenworth, KME, Mack, Peterbilt, Pierce, Sterling Truck, Sutphen, Volvo, Western Star | | 3406; Caterpillar, 3406CE1; Caterpillar, 3406CE-1; Caterpillar, 3406CE2; Caterpillar, 3406CE-2; Caterpillar, 3406CE3; Caterpillar, 3406CE4; Caterpillar, Engine Desg |

## CRANKCASE PRESSURE SENSOR†

- Direct replacement for a proper fit
- Easy to install
- No special tools required

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7020 | 904-7020 | 2000–2004 | Autocar, Blue Bird, Chevrolet, Crane Carrier, E-ONE, Ford, Freightliner, GMC, Kenworth, Peterbilt, PIERCE, Sterling, Sterling Truck, Western Star | 3126; Caterpillar, 3126B; Caterpillar, 3126BTA3; Caterpillar, 3126BTA4; Caterpillar, 3126BTA5; Caterpillar, 3126BTA6; Caterpillar, 3126BTA7; Caterpillar, Engine Des |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CRANKSHAFT POSITION SENSORS†

- Direct replacement for a proper fit every time
- Replacement prevents any further damage to vehicle engine
- No special tools required during installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7119 | 904-7119 | 2007–2018 | Autocar, Blue Bird, Capacity Of Texas, Crane Carrier, E-ONE, Ford, Freightliner, Gillig, HME, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck, Sutphen, Thomas, Western Star, Workhorse | | ISB 6.7, ISC 8.3, L6 408CID 6.7L (6690cc); ISB6.7, L6 408CID 6.7L (6690cc); ISB6.7-200, L6 408CID 6.7L (6690cc); ISB6.7-220, L6 408CID 6.7L (6690 |
|  904-7024 | 904-7021 | 2004–2006 | Autocar, Crane Carrier, Freightliner, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Seagrave, Sterling Truck, Western Star | C11; Caterpillar, C11-305; Caterpillar, C11-325; Caterpillar, C11-335; Caterpillar, C11-350; Caterpillar, C11-370; Caterpillar | |
| | 904-7024 | 2003–2004 | Freightliner, International, Kenworth, KME, Peterbilt, SPARTAN, Sterling Truck, Western Star | 379, 387, 4900EX, 4900FA, 4900SA, 6900XD, 9200, 9200i SBA, 9400, 9400i SBA, AARF, Argosy, AT9500, Century Class, Classic, Columbia, Columbia 120, Coronado, Excel Chassis, Fire, L9500, LT9500, M2 106, ST9500, T800, W900 | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-475; Caterpillar, C15A-550; Caterpillar, C15A-600; Caterpillar |
|  904-7247 | 904-7123CD | 1998–2002 | Ford, Freightliner, Kenworth, Peterbilt, Sterling Truck | 200, 378, Acterra 5500, Acterra 7500, Cargo, Century Class, F650, F750, F800, FC70, FC80, FL50, FL60, FL70, FL80, FS65, K300, MT45, MT55, SC7000 Cargo, T2000, T300, T600A, T800, W900, XC | ISB 5.9, ISB; |
|  904-7511 | 904-7247 | 1986–2007 | Advance Mixer, American LaFrance, Blue Bird, Crane Carrier, Ford, Freightliner, FWD Corporation, Gillig, GMC, International, Kenworth, Mack, Neoplan, Ontario Bus, Orion Bus, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Spartan Mo | | Series 50; Detroit Diesel, Series 60; Detroit Diesel, L6 774CID 12.7L (12686cc); Series 60; Detroit Diesel |
| | 904-7511 | 2004–2017 | IC Corporation, International | | DT466, DT530, HT570, MaxxForce 10, MaxxForce 9 |
|  904-7705 | 904-7516CD | 2003–2016 | Capacity Of Texas, Ford, IC, IC Corporation, International, Workhorse, Workhorse Custom Chassis | | MaxxForce 7; V6 275CID 4.5L; Maxxforce 5, V6 275CID 4.5L; Maxxforce 5; Diesel; V6 275CID 4.5L; VT275, V6 275CID 4.5L Diesel, V8 363CID 6.0L; Ford, V8 36 |
| | 904-7705 | 2008–2016 | Mack, Volvo | 9700, CTP, CXU, GU7, GU8, LEU, MRU, VAH, VHD, VN, VNL, VNM | D13; Volvo, D13A 360; Volvo, D13A 400; Volvo, D13A 440; Volvo, D13A 480; Volvo, D13A 520; Volvo, MP7; Mack |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EXHAUST SENSORS†

- Direct replacement for a proper fit every time
- Easy to install, no special tools required during installation
- Constructed of copper, rubber and plastic for performance and durability

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  904-7127 | 904-7127 | Exhaust Gas Differential Pressure Sensor | 2010–2018 | Blue Bird, Crane Carrier, Freightliner, IC Corporation, International, Kenworth, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Sterling Truck, Volvo, Western Star | ISB 6.7, ISB, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280, ISB6.7-300, Cu |

- Direct replacement for a proper fit every time
- Replacement prevents any further damage to vehicle engine
- No special tools required during installation

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  904-7505 | 904-7505 | Exhaust Back Pressure Sensor | 1995–2008 | Ford, IC Corporation, International | L6 466CID 7.6L (7638cc); DT466, L6 466CID 7.6L; DT466, L6 530CID 8.7L (8687cc); DT530, L6 530CID 8.7L; DT530, Turbocharged; V8 445CID 7.3L; Diesel; DFI Fuel System, V8 444CID 7.3L (7277cc); Engine Des |

- Direct replacement ensures a proper fit every time
- Matches OE fit, form and function
- Plug and play for an easy installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  904-7520 | 904-7520 | Exhaust Back Pressure Sensor | 2004–2009 | International | 4400, 4400LP, 7400, 8500, 8500 TranStar, CXT, RXT | DT570 |
| | 904-7522 | Exhaust Back Pressure Sensor | 2005–2010 | Ford, IC Corporation, International | | V8 363CID 6.0L, V8 365CID 6.0L, V8 365CID 6.0L (5982cc); VT365, V8 365CID 6.0L; VT365 |
|  904-7523 | 904-7523 | Exhaust Back Pressure Sensor | 2008–2015 | IC Corporation, International | 1300 FBC, 4300, 4300LP, 4400, 4400LP, CE Commercial, CE Integrated, CE School Bus, CXT, Durastar, FE Commercial, FE Integrated, FE School Bus, HC Integrated Commercial, RE Commercial, RE School Bus | DT466, DT466 |

- Direct replacement ensures a proper fit every time
- No specialized tools required during installation
- Replacement prevents drivability issues and reduced engine performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-7706 | 904-7706 | Exhaust Gas Temperature (EGT) Sensor Kit | 2000–2005 | Volvo | VN, VNL |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## AIR INLET MANIFOLD PRESSURE SENSORS†

- Direct replacement for a proper fit every time
- No special tools necessary during installation
- Constructed of plastic and brass material for increased durability

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7033 | 904-7033 | 1999–2001 | Bering, Freightliner, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Sterling Truck, Sutphen, Western Star | C12; Caterpillar, C12-380; Caterpillar, C12-425; Caterpillar, C15; Caterpillar, C15-455; Caterpillar |
| | 904-7037 | 2003–2011 | Autocar, Crane Carrier, Freightliner, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Seagrave, Spartan, Sterling Truck, Western Star | C11; Caterpillar, C11-305; Caterpillar, C11-325; Caterpillar, C11-335; Caterpillar, C11-350; Caterpillar, C11-370; Caterpillar |

## MANIFOLD AIR PRESSURE SENSORS†

- Direct replacement for a proper fit every time
- No special tools necessary during installation
- Constructed of plastic and brass material for increased durability

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7107 | 904-7107 | 2004–2007 | Blue Bird, Freightliner, International, Kenworth, KME, Mack, Peterbilt, Spartan, Volvo, Western Star | | ISX 15.0, ISX, ISX-385 ST, ISX-400, ISX-425, ISX-450, ISX-475, ISX-485, Engine |
|  904-7142 | 904-7124 | 1999–2002 | Blue Bird, Crane Carrier, Ford, Freightliner, Kenworth, Peterbilt, Sterling Truck | 200, Acterra 5500, Acterra 6500, Acterra 7500, Cargo, Century Class, F650, F750, F800, FC70, FC80, FL50, FL60, FL70, FL80, FS65, K300, Low Entry, MT45, MT55, SC7000 Cargo, T2000, T300, T600A, T800, TC2000, W900, XB Line, XC, XC Straight Rail | ISB 5.9, ISB |
| | 904-7133 | 1998–2002 | Advance Mixer, Autocar, Bering, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Pierce, Sterling, Sterling Truck | | ISM 10.8, ISM, ISM-280, ISM-310, ISM-330, ISM-350, ISM-370, ISM-400, Engine Des |
|  904-7525 | 904-7142 | 2000–2003 | Freightliner, International, Kenworth, Peterbilt, Sterling Truck, Volvo, Western Star | | ISX 15.0, ISX, ISX-400, ISX-450, ISX-475, ISX-500, ISX-565, ISX-600 |
| | 904-7525 | 2003–2009 | Ford, IC, IC Corporation, International, Workhorse, Workhorse Custom Chassis | | DT466, DT570, HT570, VT275, VT365, V6 275CID 4.5L, VT275, Diesel, V6 275CID 4.5L, Diesel |
| | 904-7532 | 2007–2011 | International, Workhorse, Workhorse Custom Chassis | CF500, CF600, W16, W42, W62 | Maxxforce 5, V6 275CID 4.5L, Maxxforce 5, Diesel, V6 275CID 4.5L, V6 275CID 4.5L, Diesel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUEL PRESSURE SENSORS†

- Stops and prevents rough idling
- Replacement shuts off the "check engine" light
- Restores fuel efficiency

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7018 | 904-7018 | 2006–2009 | Crane Carrier, Freightliner, International, Kenworth, KME, Peterbilt, Pierce Mfg. Inc., SEAGRAVE, SPARTAN, Sterling, Sterling Truck, Western Star | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-450; Caterpillar, C15A-475; Caterpillar, C15A-500; Caterpillar, C15A-515; Caterpillar, Engine De |
| | 904-7029 | 2005–2007 | Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck | C7; Caterpillar, C7-175; Caterpillar, C7-210; Caterpillar, C7-230; Caterpillar, C7-250; Caterpillar, C7-275; Caterpillar, C7-300; Caterpillar |
| | 904-7110 | 2007–2018 | Freightliner, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Volvo, Western Star | ISX 11.9, ISX 11.9G, ISX 15.0, ISX 400, ISX 450, ISX 600, ISX, ISX-385 ST, Engi |

## FUEL INJECTION FUEL RAIL PRESSURE SENSOR†

- Stops and prevents rough idling
- Replacement shuts off the "check engine" light
- Restores fuel efficiency

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7149 | 904-7149 | 2008–2012 | American LaFrance, Blue Bird, Capacity Of Texas, Dodge, Freightliner, Gillig, Ram, Roadmaster Rail, Sterling Truck, Van Hool | L6 408CID 6.7L (6691cc); ISB 6.7, L6 408CID 6.7L ; ETJ |

## OIL TEMPERATURE & PRESSURE SENSORS†

- Direct replacement for a proper fit every time
- No special tools necessary during installation
- Monitors oil pressure and temperature to maintain proper engine performance

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-7526 | 904-7526 | 1995–2011 | IC Corporation, International, Pierce Mfg. Inc. | DT466, MaxxForce DT |

- Direct replacement for a proper fit every time
- Replacement prevents reduced engine power
- Easy to install, no special tools required during installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7691 | 904-7691 | 2003–2008 | Volvo | VHD, VN, VNL, VNM, VT | D12; Volvo, D12E365; Volvo, D12E395; Volvo, D12E434; Volvo, D12E465; Volvo |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## OIL PRESSURE SENSORS†

- Direct replacement for a proper fit every time
- Sensor may be a requirement for state inspection
- Easy to install

| | PN | YEAR | MAKE | ENGINE |
|---|---|---|---|---|
|  904-5050 | 904-5050CD | 2004–2016 | Freightliner, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Spartan, Volvo, Western Star | ISX 11.9, ISX 11.9G, ISX 15.0, ISX, ISX15, ISX-385 ST, ISX-400, ISX-425, Engine |
| | 904-7013 | 2005–2007 | Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck | C7; Caterpillar, C7-175; Caterpillar, C7-210; Caterpillar, C7-230; Caterpillar, C7-250; Caterpillar, C7-275; Caterpillar, C7-300; Caterpillar |
|  904-7016 | 904-7016 | 1998–1999 | Crane Carrier, Ford, Freightliner, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Sterling Truck, Western Star | C10; Caterpillar |
| | 904-7027 | 2004–2007 | Blue Bird, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Pierce, Pierce Mfg. Inc., Seagrave, Spartan, Sterling Truck, Sutphen, Western Star | C13; Caterpillar, C13-305; Caterpillar, C13-335; Caterpillar, C13-350; Caterpillar, C13-370; Caterpillar, C13-380; Caterpillar, C13-390; Caterpillar, C |
|  904-7031 | 904-7031 | 2003–2006 | Freightliner, International, Kenworth, KME, Peterbilt, Spartan, Sterling Truck, Western Star | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-475; Caterpillar, C15A-550; Caterpillar, C15A-600; Caterpillar |
| | 904-7104 | 1994–2003 | Autocar, Diamond, Ford, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Pierce, Sterling, Sterling Truck, Sutphen, Volvo, Western Star | N14, N14-310E, N14-330E, N14-350E, N14-370E, N14-410(MX), N14-410, N14-410E, En |
| | 904-7241 | 1998–2002 | Advance Mixer, Autocar, Bering, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Pierce, Sterling, Sterling Truck | ISM 10.8, ISM, ISM-280, ISM-310, ISM-330, ISM-350, ISM-370, ISM-400, Engine Des |
| | 904-7513 | 1997–2017 | IC Corporation, International | DT466, MaxxForce DT; |

| PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|
| 904-7109 | 2000–2003 | Freightliner, International, Kenworth, Peterbilt, Sterling Truck, Volvo, Western Star | 357, 377, 378, 379, 385, 387, 4900EX, 4900FA, 4900SA, 567, 5900, 5900i, 6900, 9200, 9200i SBA, 9400, 9400i SBA, A9500, Argosy, C500, Century Class, Columbia 120, Coronado 132, FLD 120, FLD120, FLD132, T2000, T600A, T800, VN, VNL, W900 | ISX 15.0, ISX, ISX-400, ISX-450, ISX-475, ISX-500, ISX-565, ISX-600 |
| 904-7135 | 2008–2016 | Autocar, Blue Bird, Crane Carrier, Freightliner, International, Kenworth, Mack, Peterbilt, Sterling Truck, Volvo | 114SD, 320, 365, 382, 384, 8600 TranStar, All American RE, Centurion, L8500, LET 2 Chassis, LEU, Low Entry, M2, M2 112, MRU, T400, T800, VNM, W900, Xpeditor | ISL G 280, ISL G 320, ISL-G |
| 904-7512 | 2002–2012 | International | 1652SC, 3200, 3300, 4100, 4100 SBA, 4200, 4200LP, 4300, 4400, CXT, MXT, RXT | VT365 |


904-7109

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## TACHOMETER SENSORS†

- Durable construction ensures accurate readings
- Direct replacement for a proper fit every time
- Plugs into mating component smoothly and easily

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  505-5104 | 505-5104CD | 1990–1996 | International | 9600, 9700 | |
| | 505-5105CD | 1997–2007 | International | 1552SC, 1652SC, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 4700, 4700LP, 4700LPX, 4800, 4900, 5500i, 5600, 5900i SBA, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8000, 8100, 8200, 8500, 8600 SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9 | |
| | 505-5201CD | 1989–2011 | Freightliner | Argosy, Cargo, Cascadia, Century Class, Classic, Columbia, Condor, Coronado, FC70, FC80, FL106, FL50, FL60, FL70, FL80, FLC 112, FLD120, FLD120 SD, FS65, M2, M2 106, M2 112, MB 80, MB60, MB70, MT35, MT45, Severe-Duty FLD | |
| | 505-5406CD | 1995–2011 | Kenworth, Peterbilt | 200, 200-33, 210, 220, 270, 320, 330, 335, 337, 340, 357, 362, 365, 367, 375, 377, 379, 384, 385, 386, 387, 388, 389, ATX, C500, K100, K300, T170, T2000, T270, T300, T370, T400, T450, T600A, T660, W900 | |
| | 505-5407CD | 1995–2011 | Kenworth, Peterbilt | | |
| | 505-5408CD | 1995–2011 | Kenworth, Peterbilt | | |
| | 505-5505CD | 1989–2010 | Mack | | |
|  505-5507 | 505-5507CD | 1981–1990 | Mack | CH, DM, MR, RD | MR600P SubModel, MR600S SubModel |
| | 505-5510CD | 1996–2003 | Volvo | VN, VNL, VNM, WAH, WC, WG, WH, WI | Series 60; Detroit Diesel, Series 60; Detroit Diesel; WAH64 SubModel, Series 60; Detroit Diesel; WAH64T SubModel, Series 60; Detroit Diesel; WCA42 SubModel, Series 60; Detroit Diesel; WCA42T |
| | 505-5512CD | 1991–2011 | Mack | | CL700 SubModel, LE600 SubModel, MR600K SubModel, MR600P SubModel, MR600S SubModel |

- Direct replacement for a proper fit
- Easy to install, just plug the harness into the sensor
- Includes hardware (where applicable)

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  505-5501 | 505-5501CD | 1987–1995 | Mack | CH, RD | |
| | 505-5504CD | 1990–2003 | Mack | CH, MR | MR600K SubModel, MR600P SubModel |
| | 505-5506CD | 1990–2003 | Mack | CH, RD | |
| | 505-5511CD | 1990–1998 | Volvo | WC, WG, WH, WI, WX | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURBO PRESSURE SENSORS†

- Direct replacement ensures a proper fit every time
- Matches OE fit, form and function
- Plug and play for an easy installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| | **TURBO INLET PRESSURE SENSOR** | | | | |
|  904-7030 | 904-7030 | 2005–2009 | Freightliner, International, Kenworth, KME, Peterbilt, SPARTAN, Sterling, Sterling Truck, Western Star | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-450; Caterpillar, C15A-475; Caterpillar, C15A-500; Caterpillar, C15A-515; Caterpillar, Engine De | |
| | **TURBO OUTLET PRESSURE SENSOR** | | | | |
|  904-7015 | 904-7015 | 1995–1996 | Freightliner, Kenworth, Peterbilt | 330, FL50, FL60, FL70, T300, XB Line | 3126; Caterpillar |
| | 904-7022 | 2005–2009 | Freightliner, International, Kenworth, KME, Peterbilt, Spartan, Sterling, Sterling Truck, Western Star | | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-450; Caterpillar, C15A-475; Caterpillar, C15A-500; Caterpillar, C15A-515; Caterpillar, Engine De |

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## TURBOCHARGER BOOST SENSORS†

- Direct replacement ensures a proper fit every time
- Matches OE fit, form and function
- Plug and play for an easy installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7028 | 904-7028 | 1996–1998 | Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce | 320, 330, 357, 379, B7, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, FL50, FL60, FL70, FLD112, FLD120, FS65, IRL, L8501, L8511, L8513, Low Entry, LT8501, LT8511, LT8513, Pirece Chassis, T300, T6500, T7500, TC2000, XB Line | 3126; Caterpillar, 3126BTA8; Caterpillar |
| | 904-7442 | 2007–2010 | Mack, Volvo | 9700, CHU, CTP, CXP, CXU, GU7, GU8, LE, LEU, MRU, Pinnacle, VHD, VN, VNL, VNM | D11, D13, MP7, MP8 |
| | 904-7704 | 2011–2018 | Mack, Volvo | 9700, CHU, CXU, GU7, GU8, LEU, LR600, MRU, Pinnacle, VAH, VHD, VNL, VNM, VNR | D11, D11; Volvo, D13, D13; Volvo, MP7, MP7; Mack, MP8, MP8; Mack |
| | 904-7113 | 1994–2003 | Diamond, Ford, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Pierce, Sterling, Sterling Truck, Sutphen, Volvo, Western Star, Autocar | | N14, N14-310E, N14-330E, N14-350E, N14-370E, N14-410(MX), N14-410, N14-410E, En |
| | 904-7130 | 2007–2017 | ATC, Autocar, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Seagrave, Sutphen, Volvo, Western Star | | ISM 10.8, ISM, ISM-280, ISM-310, ISM-330, ISM-350, ISM-370, ISM-400, Engine Des |
|  904-7244 | 904-7244 | 1999–2003 | Advance Mixer, Blue Bird, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Pierce, Pierce Mfg. Inc., Spartan, Sterling Truck, Sutphen, Volvo, Western Star | | L6 774CID 12.7L (12686cc); Series 60; Detroit Diesel, L6 777CID 12.7L; 12.7L(A); Detroit Diesel, L6 777CID 12.7L; 12.7L(B); Detroit Diesel, L6 777CID 12.7L; 12.7L(C2); Detroit Diesel, L6 777CID 12.7L |
| | 904-7254 | 2005–2007 | Advance Mixer, American LaFrance, Crane Carrier, Freightliner, Neoplan, Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Sterling, Sterling Truck, Western Star | | Series 60; Detroit Diesel |
| | 904-7256 | 2002–2007 | Freightliner, Sterling, Sterling Truck, Western Star | | MBE4000; Mercedes-Benz, MBE4000-370; Mercedes-Benz, MBE4000-410; Mercedes-Benz, MBE4000-435; Mercedes-Benz, MBE4000-450; Mercedes-Benz, MBE904; Mercedes-Benz, MBE90 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURBOCHARGER SPEED SENSORS†

- Replacement restores drivability and proper engine performance
- Constructed of plastic copper and metal material
- Plug and play for ease of installation

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7111 | 904-7111 | 2010–2011 | Freightliner, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Volvo, Western Star | 320, 365, 367, 384, 386, 387, 388, 389, 4900, 4900EX, 4900FA, 4900SA, 567, 587, C500, Cascadia, Cascadia 125, Coronado, Coronado 122, Coronado 132, FLD 120, FLD 132, FLD120 SD, FLD132, H, ProStar, S, T2000, T660, T700, T800, VNL, VT, W900 | ISX 11.9, ISX 15.0, ISX |
| | 904-7112 | 2008–2012 | Dodge, Ram | 2500, 3500, 4500, 5500, Ram 4000, Ram 4500, Ram 5500 | L6 408CID 6.7L, L6 408CID 6.7L (6690cc), L6 409CID 6.7L (6700cc) |
| | 904-7139 | 2009–2010 | Blue Bird, Ford, Freightliner, Workhorse | All American FE, All American RE, B2, Cargo, F650, F750, M2, M2 106, MT45, MT55, R26, XB Line, XB Straight Rail, XC Modular Rail, XC Raised Rail, XC Straight Rail | ISB 200, ISB 6.7, ISB6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280; Cu |
| | 904-7146 | 2011–2018 | Blue Bird, Ford, Freightliner, International | 108SD, 4300, 4300LP, 7300, All American FE, All American RE, B2, F650, F750, M2 106, MB Line, MT45, MT55, S2C, SHL All American, Vision School Bus, XB Line, XB Straight Rail, XC Lowered Rail, XC Modular Rail, XC Raised Rail, XC Straight Rail | B6.7, ISB 200, ISB 6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280; Cumm |
| | 904-7240 | 2003–2009 | Advance Mixer, ATC, Autocar, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce, Pierce Mfg. Inc., Seagrave, Spartan, Sterling Truck, Sutphen, Volvo, Western Star | | ISM 10.8, ISM, ISM-280, ISM-310, ISM-330, ISM-350, ISM-400, ISM-425, Engine Des |
| | 904-7441 | 2010–2018 | Volvo | 9700, VAH, VHD, VNL, VNM | D13; Volvo |
| | 904-7629 | 2014–2016 | Kenworth, Peterbilt | 365, 367, 384, 386, 388, 389, 567, 579, 587, T660, T680, T700, T800, T880, W900 | MX-13; PACCAR |
| | 904-7784 | 2004–2007 | Mack | CX, CXN | AC; Mack |

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## NITROGEN OXIDE (NOX) SENSORS†

- Direct replacement for an exact fit, restoring drivability and proper engine functionality
- Complete with aluminum housing construction and heat sleeve to protect against both warping and cracking
- Anti-seize coating pre-applied to prevent high temperatures from damaging the unit

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-6002 | 904-6002 | 2010–2015 | American LaFrance, Blue Bird, Capacity Of Texas, Freightliner, Gillig, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Spartan Motors, Sterling Truck, Van Hool, Volvo, Western Star | | ISB 6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280, ISB6.7-300, ISX 11 |
| | 904-6003 | 2010–2012 | Blue Bird, Capacity Of Texas, Freightliner, Gillig, Sterling Truck | 108SD, Acterra, All American FE, All American RE, B2, Low Floor, M2 106, MB Line, MC Line, MCL, MT45, MT55, S2, TJ5000, TJ6500, TJ9000, Vision School Bus, XB Line, XB Straight Rail, XC Lowered Rail, XC Modular Rail, XC Raised Rail, XC Straight Rail | ISB 6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280, ISB6.7-300 |
| | 904-6004 | 2010–2012 | American LaFrance, Blue Bird, Capacity Of Texas, Freightliner, Gillig, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Roadmaster Rail, Spartan Motors, Sterling Truck, Van Hool, Volvo, Western Star | | ISB 6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280, ISB6.7-300, ISX 11 |
| | 904-6006 | 2013–2018 | Blue Bird, Capacity Of Texas, Ford, Freightliner, Gillig, International | | ISB 200, ISB 6.7, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280, ISB6.7-300 |
| | 904-6011 | 2013–2018 | Blue Bird, Capacity Of Texas, Freightliner, Gillig, International | | ISB 6.7, L6 408CID 6.7L (6691cc); ISB 6.7 |
| | 904-6013 | 2013–2018 | Crane Carrier, Freightliner, International, Kenworth, Peterbilt, Pierce Mfg. Inc., Spartan Motors, Van Hool, Volvo, Western Star | | ISX 11.9, ISX 15.0, ISX; |

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## MISCELLANEOUS SENSORS†

- Direct replacement for a proper fit every time
- Replacement restore proper functioning of the A/C system
- Easy to install, no special tools required during installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-7699 | 904-7699 | A/C Refrigerant Pressure Sensor | 2004–2017 | Volvo | VHD, VNL, VNM |

- Direct replacement for a proper fit every time
- Easy to install
- Properly functioning sensor required for states that require emissions testing

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  904-7255 | 904-7255 | Air Charge Temperature Sensor | 1996–2014 | Advance Mixer, Blue Bird, Crane Carrier, Ford, Freightliner, International, Kenworth, Mack, Oshkosh Motor Truck Co., Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck, Volvo, Western Star | Series 60; Detroit Diesel |

- Durable construction ensures accurate readings
- Direct replacement for a proper fit every time
- Plugs into mating component smoothly and easily

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  904-7026 | 904-7026 | Automatic Transmission Speed Sensor | 2004–2006 | Autocar, Blue Bird, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, Oshkosh Motor Truck Co., Peterbilt, Pierce, Pierce Mfg. Inc., Seagrave, Sterling Truck, Sutphen, Western Star | C11; Caterpillar, C11-305; Caterpillar, C11-325; Caterpillar, C11-335; Caterpillar, C11-350; Caterpillar, C11-370; Caterpillar, C13; Caterpillar, C13-3 |

- Direct replacement for a proper fit every time
- No special tools necessary during installation
- Replacement prevents drivability issues and reduced engine performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-7126 | 904-7126 | Barometric Pressure Sensor | 1995–2006 | Autocar, Crane Carrier, Diamond, E-ONE, Ford, Freightliner, HME, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Pemfab, Peterbilt, Pierce, Spartan, Sterling, Sterling Truck, Sutphen, Volvo, Western Star | L10, L10-260, L10-280, L10-300, N 14, N14, N14-310E, N14-330E, N14 |
| | 904-7128 | Barometric Pressure Sensor | 2000–2017 | Freightliner, International, Kenworth, KME, Mack, Oshkosh Motor Truck Co., Peterbilt, Roadmaster Rail, Spartan, Spartan Motors, Volvo, Western Star | ISX 11.9, ISX 15.0, ISX, ISX15, ISX-385 ST, ISX-400, ISX-425, ISX-450, Engine D |

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## MISCELLANEOUS SENSORS†, continued

- Direct replacement for a proper fit every time
- A necessary item for passing state inspection
- Easy to install, no special tools necessary during installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  904-7634 | 904-7634 | Coolant Pump Motion Sensor | 2011–2018 | Kenworth, Peterbilt | 320, 365, 367, 384, 386, 387, 388, 389, 520, 567, 579, 587, T660, T680, T700, T800, T880, W900 | MX; PACCAR, MX-11; PACCAR, MX-13; PACCAR |

- Direct replacement for a proper fit every time
- Sensor may be a requirement for state inspection
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-7012 | 904-7012 | Diesel Injection Control Pressure Sensor | 1999–2000 | Blue Bird, Chevrolet, Crane Carrier, E-ONE, Ford, Freightliner, GMC, Kenworth, Peterbilt, PIERCE, Sterling, Sterling Truck, Western Star | 3126; Caterpillar, 3126BTA3; Caterpillar, 3126BTA4; Caterpillar, 3126BTA5; Caterpillar, 3126BTA6; Caterpillar, 3126BTA7; Caterpillar, 3126BTA8; Caterpillar |
| | 904-7502 | Diesel Injection Control Pressure Sensor | 1998–2004 | IC Corporation, International | DT466, DTA-466(D2); |

- Direct replacement for a proper fit every time
- Replacement of a failed sensor restores proper gauge function
- No special installation tools necessary

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  505-5401 | 505-5401 | Differential Oil Temperature Sensor | 1987–2007 | Kenworth, Peterbilt | 379, T600A, T660, T800 |

- Helps you take the necessary steps to avoid extensive damage to the fuel system
- Direct replacement for a proper fit every time
- On certain applications, turns off “water in fuel” or similar warning light

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  904-7242 | 904-7242 | Water in Fuel Sensor | 2001–2018 | Peterbilt, Volvo | 210, 220, 270, 320, 325, 330, 335, 337, 340, 348, 357, 362, 365, 367, 377, 378, 379, 382, 384, 385, 386, 387, 388, 389, 520, 567, 579, 587, VAH, VHD, VN, VNL, VNM, VNX, VT, WAH, WG, WX |

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## EGR VALVE TEMPERATURE SENSORS†

- Direct replacement ensures a proper fit every time
- No specialized tools required during installation
- Replacement prevents drivability issues and reduced engine performance

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-7118 | 904-7118 | 2008–2018 | Autocar, Blue Bird, Crane Carrier, Dodge, Freightliner, International, Kenworth, Mack, Peterbilt, Sterling Truck, Volvo | 114SD, 320, 337, 348, 365, 382, 384, 520, 8600 TranStar, All American RE, Centurion, L8500, LET 2 Chassis, LEU, Low Entry, LR600, M2, M2 112, MRU, Ram 4500, Ram 5500, T400, T800, T880, VNM, W900, Xpeditor | ISL-G, L6 408CID 6.7L, L6 408CID 6.7L, ETJ, L6 540CID 8.9L, ISL G 280, L6 540CID 8.9L, ISL G 320, L6 543CID 8.9L (8900cc), ISL-G |
| | 904-7144 | 2008–2011 | Freightliner, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Volvo, Western Star | | ISX 11.9, ISX 15.0, ISX, ISX-385 ST, ISX-400, ISX-450, ISX-475, ISX-500, Engine |
| | 904-7635 | 2014–2017 | Kenworth, Peterbilt | 365, 367, 384, 386, 388, 389, 567, 579, 587, T660, T680, T700, T800, T880, W900 | MX-13, PACCAR |

## EGR COOLER GASKET KITS†

- Provides a tight seal for EGR Cooler
- Stops and prevents air leaks
- Easy to install

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-5007 | 904-5007 | 2003–2007 | Freightliner, International, Kenworth, Mack, Peterbilt, Volvo, Western Star | | ISX 15.0, ISX-400, ISX-450, ISX-475, ISX-500, ISX-565, ISX-600 |
| | 904-5008 | 2007–2010 | Freightliner, International, Kenworth, Peterbilt | 367, 384, 386, 387, 388, 389, 5600, 5900, 9200, 9400, 9900i, 9900ix, C500, Cascadia, ProStar, T2000, T660, T800, W900 | ISX 15.0, ISX-400, ISX-450, ISX-475, ISX-500, ISX-565, ISX-600 |
| | 904-5009 | 2010–2011 | Freightliner, Kenworth, Peterbilt, Volvo, Western Star | 320, 365, 367, 384, 386, 387, 388, 389, 4900, 587, C500, Cascadia 125, Coronado 122, Coronado 132, FLD 120, FLD 132, FLD120 SD, FLD132, T2000, T660, T700, T800, VNL, VT, W900 | ISX 11.9, ISX 15.0 |
|  904-5010 | 904-5010 | 2002–2006 | Freightliner, International, Peterbilt | 2574, 2674, 379, 385, 387, 5500i, 5600i, 5900i SBA, 7400, 7600, 7700, 8100, 8600 SBA, 9100i SBA, 9200i SBA, 9400i SBA, 9900i, 9900i SFA, 9900ix, 9900ix SFA, Argosy, Century Class, Classic, Classic XL, Columbia, Condor, FL112 | ISM 10.8, ISM-330, ISM-370 |
| | 904-5011 | 2007–2010 | International, Peterbilt | 320, 365, 367, 384, 386, 388, 5500i, 5600i, 5900i SBA, 7600, 7700, 8500 TranStar, 8600 SBA, 8600 TranStar, 9200i SBA, 9400i SBA, LoneStar, ProStar, WorkStar 7600, WorkStar 7700 | ISM 10.8 |
| | 904-5012 | 2002–2006 | Ford, Freightliner | Cargo, F650, F750, FC70, FC80, FL50, FL60, FL70, FL80, FS65, MT35, MT45, MT55, XC | ISB 5.9, ISB E-175, ISB E-190, ISB E-195, ISB E-210, ISB |
| | 904-5013 | 2007–2010 | Ford, Freightliner | Business Class M2, Cargo, F650, F750, FC80, M2, M2 106, MT35, MT45, MT55 | ISB 200, ISB 5.9, ISB, ISB6.7-200, ISB6.7-220, ISB6.7-240, ISB6.7-260, ISB6.7-280; Cummi |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EGR VALVES†

- Direct replacement for a proper fit
- Includes gasket for a tight seal
- Helps reduce emissions to protect the environment

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-5001 | 904-5001 | 2003–2007 | Freightliner, International, Kenworth, Mack, Peterbilt, Volvo, Western Star | 357, 378, 379, 385, 386, 387, 4900, 4900EX, 4900FA, 4900SA, 5600, 5900, 5900i, 9200, 9200i SBA, 9400, 9400i SBA, 9900i, 9900ix, Argosy, C500, CL, Columbia 120, Coronado 132, FLD 120, FLD120, FLD120 SD, FLD132, T2000, T600A, T800, VN, VNL, VNM, VT, W900 | ISX 15.0 |
| | 904-5002 | 2003–2007 | ATC, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, Pierce, Pierce Mfg. Inc., Seagrave, Sterling Truck, Sutphen, Volvo, Western Star | | ISM 10.8, ISM-330, ISM-370 |
| | 904-5004 | 2003–2009 | Volvo | VHD, VNL, VNM | D12, D12; Volvo |
| | 904-5053 | 2011–2013 | International | 5900i, 7600, 8600 TranStar, LoneStar, ProStar, WorkStar 7600 | MaxxForce 13 |
| | 904-5056 | 2007–2011 | IC Corporation, International | | DT466;, MaxxForce DT |
| | 904-5057 | 2008–2010 | Freightliner, International, Kenworth, Peterbilt, Roadmaster Rail, Spartan Motors, Volvo, Western Star | | ISX 15.0 |
| | 904-5062 | 2003–2006 | IC Corporation, International | | DT466 |
| | 904-5073 | 2003–2007 | Freightliner, Sterling Truck, Western Star | 4900FA, 4900SA, A9500, AT9500, Car Hauler, Century Class, Classic, Columbia, FLD120SD, FLD132, L9500, LT7500, LT9500, M2, M2 106, M2 112 | MBE4000; Mercedes-Benz, MBE4000-370; Mercedes-Benz, MBE4000-410; Mercedes-Benz, MBE4000-435; Mercedes-Benz, MBE4000-450; Mercedes-Benz |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EGR COOLERS†

- Includes all necessary O-rings, gaskets, and hardware for a complete repair
- Manufactured from high quality stainless steel
- Necessary replacement item for reducing emissions and passing state inspection

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-5020 | 904-5020 | 2003–2009 | International | 3000RE, 3200, 3800, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, 7500, 7600, 7700, 8500, 8500 TranStar, 8600 SBA, CXT, RXT | DT466, DT570, HT570 |
| | 904-5021 | 2003–2008 | Volvo | VHD, VNL, VNM | D12 Volvo |
| | 904-5023 | 2004–2009 | International | 3000RE, 3200, 3800, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, 7500, 8500, 8600 SBA, CXT, RXT | DT466, DT570, HT570 |
| | 904-5024 | 2007–2009 | Blue Bird, Freightliner, International, Kenworth, Mack, Peterbilt, Roadmaster Rail, Spartan Motors, Volvo, Western Star | | ISX 15.0 |
| | 904-5031 | 2008–2011 | IC Corporation, International | 1300 FBC, 3200, 4300, 4300LP, 4400, 4400LP, 7300, 7400, 7500, CE, CE Commercial, CE Integrated, CE School Bus, CXT, FE, FE Commercial, FE School Bus, RE, RE Commercial, RE School Bus | MaxxForce DT |
| | 904-5032 | 2008–2011 | IC Corporation, International | 1300 FBC, 3200, 4300, 4300LP, 4400, 4400LP, 7300, 7400, 7500, CE Commercial, CE Integrated, CE School Bus, CXT, FE Commercial, FE Integrated, FE School Bus, RE Commercial, RE School Bus | MaxxForce DT |
| | 904-5035 | 2003–2007 | Blue Bird, Freightliner, International, Kenworth, Mack, Peterbilt, Roadmaster Rail, Spartan Motors, Volvo, Western Star | | ISX 15.0 |
| | 904-5036 | 2003–2007 | ATC, Crane Carrier, E-ONE, Freightliner, HME, International, Kenworth, KME, Oshkosh Motor Truck Co., Peterbilt, PIERCE, Pierce Mfg. Inc., Seagrave, Sterling Truck, Sutphen, Volvo, Western Star | | ISM 10.8 |
| | 904-5512 | 2004–2007 | Mack | CH, CT, CTP, CV, CX | MP7 Mack |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EGR VALVE† & COOLER ACCESSORIES

- Sheathing included to protect electrical components from heat damage (where applicable)
- Made of Stainless steel to ensure a long-lasting performance
- Direct replacement for a proper fit every time

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  598-5941 | 598-5941 | EGR Cooler Hose | 2005–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | L4 317CID 5.2L, 4HK1, Diesel |
| | 598-5944 | EGR Cooler Hose | 2007–2018 | Mack, Volvo | CH, CHU, CT, CTP, CV, CX, CXP, CXU, GU7, GU8, LE, LEU, LR600, MRU, Pinnacle, VAH, VHD, VNL, VNM, VNR | D11, Volvo, MP7, Mack, MP8, Mack |

- Direct replacement for a proper fit every time
- Restores the EGR cooler to proper operation
- Replacement repair kit eliminates EGR cooler leaks, vehicle overheating and damage to emission components

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  904-0999† | 904-0999† | EGR Cooler Installation Kit | 2003–2008 | Volvo | VHD, VNL, VNM | D12, Volvo |

- Direct replacement for a proper fit every time
- Easy to install
- Properly functioning sensor required for states that require emissions testing

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  904-5052 | 904-5052CD | EGR Pressure Feedback Sensor | 2007–2018 | Blue Bird, Dodge, Ford, Freightliner, International, Ram, Sterling, Sterling Truck, Workhorse | 108SD, 2500, 3500, 4300, 4300LP, 4500, 5500, 7300, Acterra, Acterra 8500, All American FE, All American RE, B2, Bullet 45, Bullet 55, Cargo, F650, F750, M2, M2 106, MB Line, MC Line, MCL, MT45, MT55, R26, Ram 4000, Ram 4500, Ram 5500, S2, S2C, SHL All Ame | L6 408CID 6.7L (6690cc), L6 408CID 6.7L (6691cc), L6 408CID 6.7L, L6 409CID 6.7L (6700cc), Chrysler, L6 409CID 6.7L, |

## ACCESSORIES

- Combats corrosion and burnout for long-lasting performance
- Easy to install
- This part has undergone a rigorous inspection to ensure high quality

| | PN | DESCRIPTION | YEAR | MAKE | ENGINE |
|---|---|---|---|---|---|
|  341-5001† | 341-5001† | Throttle Actuator / Throttle Body Motor | 1987–2015 | Blue Bird, Ford, Freightliner, GMC, International, Kenworth, Mack, Peterbilt, Sterling, Sterling Truck, Volvo, Western Star | Detroit Diesel, DD13; Detroit Diesel, DD15; Detroit Diesel, DD16; Detroit Diesel, Series 60; Detroit Diesel |

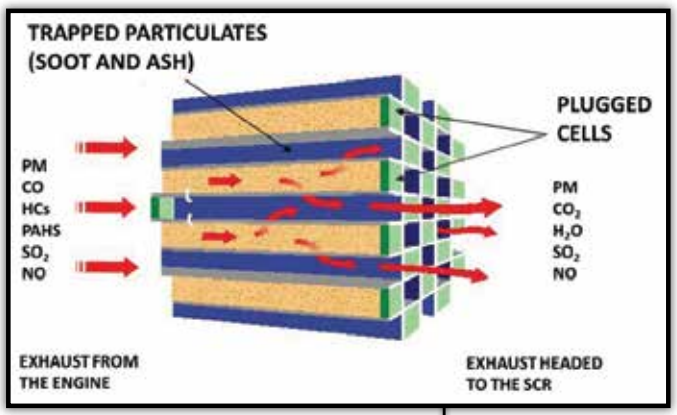
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

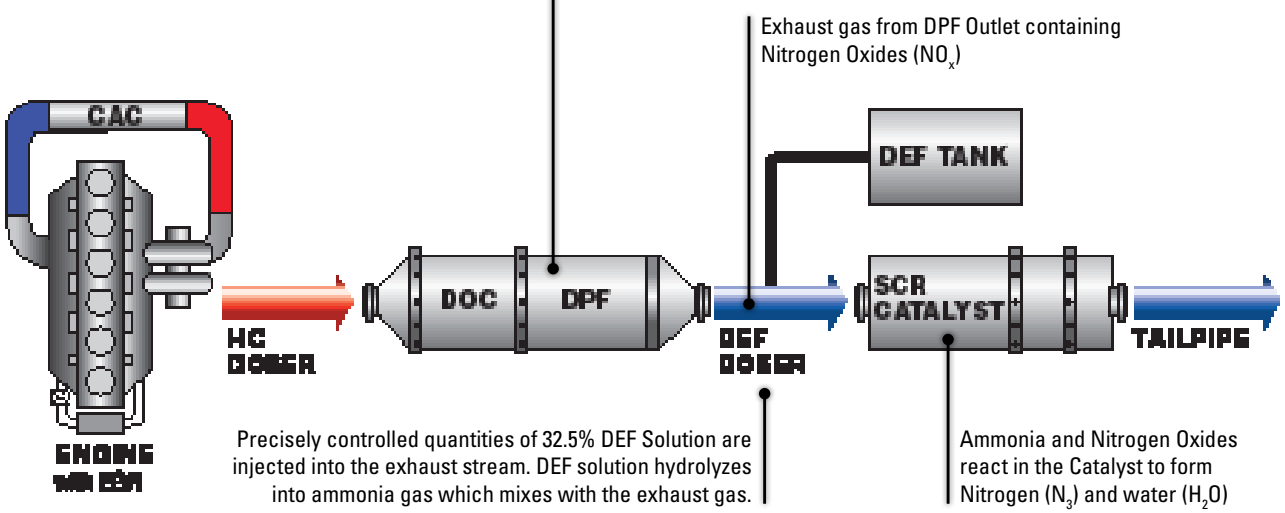
## THE EXHAUST AFTER TREATMENT SYSTEM

**Post-combustion exhaust gases are treated prior to tailpipe emission in a diesel combustion vehicle. Unburned hydro carbons (or unburned diesel) is trapped by the Diesel Particulate Filter (DPF) and burned with the aid of the Diesel Oxidation Catalyst (DOC). When used in conjunction with an Selective Catalytic Reduction Catalyst (SCR), the resulting emission is primarily a very friendly mixture of Nitrogen and water in the form of steam.**

### The Reduction Process

- The **DOC** has a metallic or ceramic substrate with channels through which exhaust directly flows
- The **DPF** is usually located past the DOC in the **Exhaust After Treatment System** (EATS)
- The **DPF** is larger than the DOC, with a ceramic substrate with small channels that are blocked at alternating ends
- **Exhaust gas** flows through the porous walls of the channels, trapping the solid soot particles within the DPF
- The **DPF** is designed to remove particulate matter and soot from the exhaust
- **DPFs remove** up to 85% of the soot found in diesel exhaust emissions, reaching greater removal levels when paired with a DOC
- **Selective Catalytic Reduction (SCR)** is an active emissions control technology system that injects a liquid-reductant agent, **Diesel Exhaust Fluid (DEF),** through a special catalyst into the exhaust stream of a diesel engine



# DIESEL PARTICULATE FILTERS (DPFs)

## DIESEL PARTICULATE FILTERS (DPFs) & DIESEL OXIDATION CATALYSTS (DOCs)

- 100% new genuine OEM substrates is formulated to produce OEM-specified exhaust back pressure, optimizing engine performance
- Advanced engineered catalyst
- High-grade 409 stainless steel for durability and corrosion resistance
- Superior matting and stainless retaining rings
- Engineered flanges guard against leakage
- Continuous testing ensures performance over OEM
- Emission compliant for 2007 or newer vehicles
- Approved for horizontal, vertical or dual installations
- Comes with 2 gaskets
- Made in the USA

## DIESEL PARTICULATE FILTERS (DPFs)



PP0151032



PP0151057

| POWER PRODUCTS PN | ENGINE | OEM PN CROSS |
|---|---|---|
| **FOR CATERPILLAR** | | |
| PP0151033 | C7 | 10R-6082, 304-7578, 304-7579 |
| PP0151034 | C9 / C13 / C15 | 10R-7056, 304-7502, 304-7519 |
| PP0151040 | C13 / C15 | 10R-6088, 290-0045, 301-7856 |
| PP0151050 | C9 | 220-6054, 250-0630, 261-2318, 264-1556 |
| PP0151051 | C13 / C15 | 10R-6089, 173-3481, 291-8519, 293-9990, 294-8694 |
| PP0151052 | C7 / C9 | 10R-6087, 291-8515, 294-8692, 309-6991 |
| **FOR MACK / VOLVO** | | |
| PP0151035 | MP7 | 20231111, 21048577, 21817835, 85000899, 85003793, 85125682 |
| PP0151044 | MP7 | 20863859, 21850651, 85001366 |
| PP0151045 | D11 / D13 / D16 | 20864127, 21850658, 85000726 |
| PP0151046 | MP7 / MP8 | 20864558, 21905492, 85001367 |
| PP0151048 | MP8 | 20864316, 21851879, 85000725 |
| PP0151057 | D13 / MP8 | 21212426, 21212428, 21212429, 21212431 |
| **FOR NAVISTAR / MAXXFORCE** | | |
| PP0151041 | MaxxForce 7 / DT | A00574039, 2594131C91, 2594131R91, 5010832R91 |
| PP0151053 | MaxxForce 7 / DT | 2594165C91, 2594165R91, 5010830R91 |
| PP0151055 | MaxxForce 11 / 13 | Q621936, Q622369, 2596665C91, 2596665R91, 5010851R1 |
| PP0151056 | MaxxForce 13 | CP232717 (Assembly #3859691C94), 2604046C91 (Assembly #3859691C94), 2604830C91, 2604830R91, 5010845R1 |
| PP0151059 | MaxxForce 13 | 2603961C91, 2604823C91, 2604823R91, 5010844R1 |
| PP0151060 | MaxxForce 7 / DT | A00383921, 82003341, 2593981C91, Flanged; Horizontal or Vertical, 2593981R91, 2594022C91, 2604873C91, 2605123C91, 5010836R91, 5010847R91 |
| PP0151061 | MaxxForce 7 / DT | 2594356C91, 2594356R91, 5010834R91 |
| PP0151062 | MaxxForce 9 | A00317258, 2604870C91, 2604870R91, 2605796C91, 2611630C91, 5010846R1, 5010852R1 |
| PP0151063 | MaxxForce 13 | Q621944, 2601229C91, 2601229R91, 5010848R1 |
| PP0151064 | MaxxForce DT / 9 / 10 | A00420195, 82002806, 2604430C91, 2604430R91, 2605039C91, 2612512C91, 2612521C91, 2613113C91, 3712647C91, 5010843R1, 5010853R1 |

Power Products Diesel Particulate Filters and Diesel Oxidation Catalysts are not available for sale in California at this time.

## DIESEL PARTICULATE FILTERS (DPFs), continued


PP0151036

| POWER PRODUCTS PN | ENGINE | OEM PN CROSS |
|---|---|---|
| **FOR DETROIT DIESEL / MERCEDES SPRINTER** | | |
| PP0151036 | S60 | A6804908692, Assembly #: A6804910594, A6804910294 |
| PP0151039 | MB OM926 | A6804906192, A6804910094, Superseded by: RA6804910097, RA6804908792, R23537521 |
| PP0151065 | Mercedes Sprinter 3.0L | A9064901592 (Dodge 68011959AA) Silicone Carbide |
| PP0151066 | S50 | 23535827 |
| PP0151067 | DD13, DD15 | EA6804910794 |
| **FOR NOVA BUS** | | |
| PP0151031 | Nova Bus | N8894071 |
| **FOR CUMMINS** | | |
| PP0151029 | ISB | Q612386A, Q621386, 4965287NX (w/ Heat Shield) |
| PP0151030 | ISL | Q629362, 2871463NX |
| PP0151031 | ISL / ISM | Q621378, 4965244, 2880169NX, 4352923NX, 4965244NX |
| PP0151032 | ISX | 4969702, 5283669, 5283778, 5297522, 5297990, 2880168NX, 4965129NX, 4965226NX, 4969700NX, 4969701NX, 4969702NX, 5283669NX, 5283778NX, 5297522NX, 5297990NX |
| PP0151037 | ISX | Q629458, 2871578NX |
| PP0151038 | ISM | 3817962C91 Navistar Assembly #, 4936737NX, 4965055NX |
| PP0151042 | ISC | Q621371, Q623316, Q623804, 4965286, 4969838, 4969839, 4965286NX, 4969838NX, 4969839NX |
| PP0151043 | ISM | 4965224NX |
| PP0151044 | ISX | 4965322, 4969703, 5283799, 5297989, 20970295, 4965305NX, 4969703NX, 5283799NX, 5297989NX |
| PP0151047 | ISM | 4965218NX |
| PP0151054 | ISB | Q617940A (w/ Heat Shield) |
| PP0151054 | ISC | Q617940, Q619495, Q619496, Q619725, Q619725A, Q619733, 3103617, 3976606, 3978026, 3999661, 3999662 |
| PP0151058 | ISB | Q617940A (w/o Heat Shield), 4965227NX |
| PP0151068 | ISX | Q629477, 2871581NX |
| PP0151074 | ISL | Q629361, 2871459NX |
| PP0151074 | ISL / ISC | 2871459 |

Power Products Diesel Particulate Filters and Diesel Oxidation Catalysts are not available for sale in California at this time.

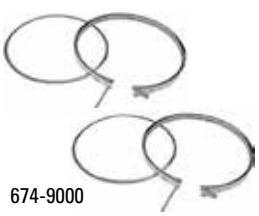
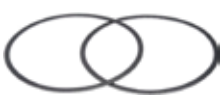
**TECH TIP**
**DPF CATALYST**

In combination with the DOC, a **DPF CATALYST** primarily performs soot oxidation which is the burn-off reaction of trapped soot with nitrogen dioxide and oxygen. It is typically designed to improve both **passive** and **active regeneration.**

## DIESEL OXIDATION CATALYSTS (DOCs)

| | POWER PRODUCTS PN | ENGINE | OEM PN CROSS |
|---|---|---|---|
| | **FOR CUMMINS** | | |
| | PP0152001 | ISB | 4965285NX, 5287480NX, A035H236 |
| | PP0152002 | ISC/ISL | 4965284NX, 5287496NX, A035H295 |
| | PP0152003 | ISM | 4965243NX, 5287191NX, A035G674 |
| | PP0152004 | ISM | 5287521, 4965223NX, A035H536 |
| | PP0152005 | ISX | 2888249NX, 4965317NX, 4969542NX, A030W858 |
| | PP0152006 | ISX | 2888248, 4965225NX |
| | PP0152007 | ISX | 2888247NX, 4965304NX, A035W856 |
| | PP0152011 | ISC/ISL | 2871923, 26326120259, A029B190 |
| | PP0152017 | ISM/ISL | 4936736NX, 4965243NX, 4969719NX, 5287519NX, A035H544 |
| | PP0152019 | ISX | 2871496NX, 2888250NX, A030W859 |
| | PP0152020 | ISX | 4969721, 2880259NX, 2888262NX, 4969719NX, 4969721NX, A030X734, Q62230 |
| | **FOR NAVISTAR / MAXXFORCE** | | |
| | PP0152023 | MaxxForce 13 | 2604039C91, 3865483C93, 3869133C93, IP23265 |
| | PP0152024 | MaxxForce 13 | 2603960C91 |

## CLAMPS & GASKETS†

| | PN | OE PN | FITS PP DPF UNITS | | | FITS PP DPOC UNITS | |
|---|---|---|---|---|---|---|---|
| | **CLAMPS** | | | | | | |
|  674-9000 | 674-9000 | 21445455 | PP0151031 | PP0151032 | PP0151037 | PP0152003 | PP0152004 |
| | | | PP0151038 | PP0151043 | PP0151044 | PP0152005 | PP0152006 |
| | | | PP0151046 | PP0151047 | PP0151055 | PP0151007 | PP0151008 |
| | | | PP0151063 | PP0151068 | PP0151079 | PP0152015 | PP0152017 |
| | | | PP0151084 | PP0151088 | | PP0152018 | |
| | **GASKETS** | | | | | | |
|  674-9004 | 674-9004 | A6804910180 | PP0151029 | PP0151058 | PP0151080 | PP0152001 | PP0152033 |
| | | | PP0151081 | PP0151091 | — | — | — |
| | 674-9005 | 2871451 | PP0151030 | PP0151042 | PP0151054 | PP0152002 | PP0152011 |
| | | | PP0151066 | PP0151073 | PP0151074 | PP0152012 | PP0152016 |
| | | | PP0151086 | — | — | PP0152042 | — |
| | 674-9008 | 2871452 | PP0151041 | PP0151053 | PP0151064 | — | — |
| | | | PP0151082 | — | — | — | — |
| | 674-9006 | 2593998C1 | PP0151060 | PP0151061 | PP0151062 | — | — |
| | 674-9009 | 2594129C1 | PP0151060 | PP0151061 | PP0151062 | — | — |
| | 674-9001 | 2593986C1 | PP0151039 | — | — | — | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DIESEL EXHAUST FLUID (DEF) FILLER CAPS†

- Constructed from high-quality, heat-resistant materials for a long service life
- Application-specific for a proper fit every time
- Vehicle try-on testing and vibration testing have been conducted on this part to ensure trouble-free performance

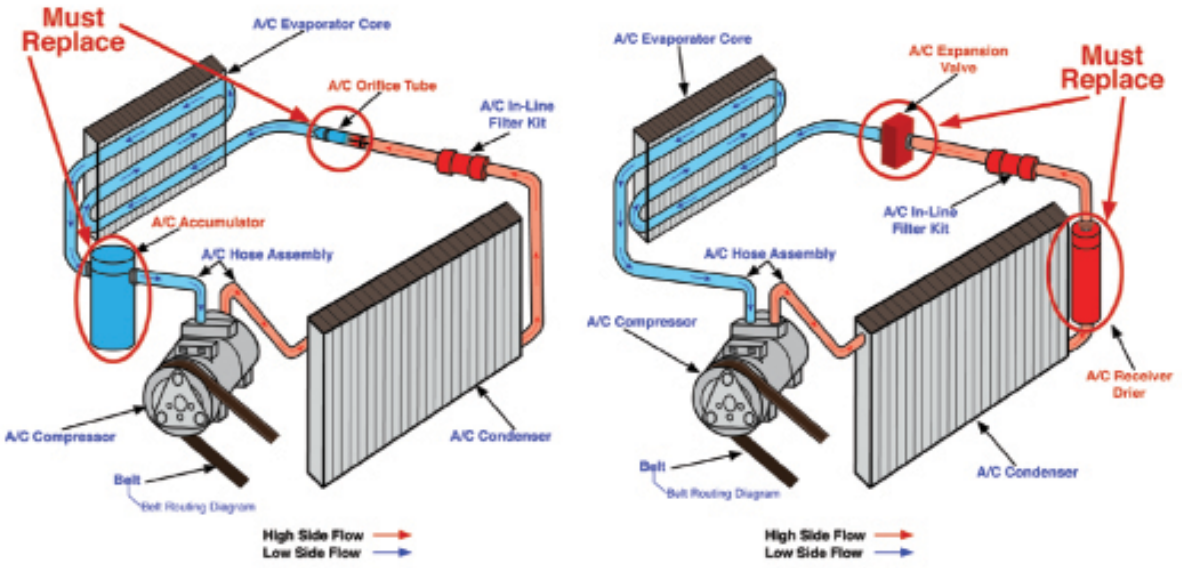
| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  904-5201 | 904-5201CD | 2010–2012 | Freightliner | 108SD, 114SD, Argosy, Business Class M2, Cascadia, Cascadia 113, Cascadia 125, Century Class, Classic, Columbia, Columbia 120, Coronado, Coronado 122, Coronado 132, FLD120, FLD120 SD, FLD132, M2 106, M2 112 | 120 SubModel |
|  904-5401 | 904-5301CD | 2010–2018 | Ford | E-450 Super Duty, F-450 Super Duty, F-550 Super Duty, F650, F750 | Diesel |
| | 904-5401CD | 2010–2012 | Kenworth, Peterbilt | 210, 320, 330, 335, 337, 362, 365, 384, 387, 388, C500, T2000, T660, T800, W900 | |
|  904-5601 | 904-5501CD | 2009–2013 | Mack | CHU, CXU, GU7, GU8, LEU, MRU, Pinnacle, TD700 | |
| | 904-5502CD | 2010–2016 | Volvo | VAH, VHD, VN, VNL, VNM, VT | |
| | 904-5601CD | 2010–2016 | Chevrolet, GMC | Express 4500, Savana 4500 | V8 403CID 6.6L (6599cc) |
| | 904-5602CD | 2011–2016 | Isuzu | NPR, NPR-HD, NQR, NRR, Reach | |
| | 904-5701CD | 2010–2012 | Dodge, Ram | 2500, 3500, 4500, 5500, Ram 4500, Ram 5500 | Diesel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# 9 Air Conditioning & Heating

## COMPRESSOR REPLACEMENT PROCESS

- Replace the accumulator or receiver drier.
- Replace the expansion device (orifice tube, expansion valve or liquid line containing the orifice tube).
- Replace the hose assemblies containing mufflers (these cannot be flushed).
- Closed loop flushing of components not replaced must be done.
- Catastrophic compressor failure requires the replacement of any parallel flow or serpentine style condenser.
- Install an in-line suction or liquid line filter.
- Use only approved R134a or R12 refrigerants. Blend or hydrocarbon refrigerants of any kind are unacceptable and will VOID all warranties.
- Where a parallel flow condenser is used, the condenser must be replaced as it cannot be flushed or cleaned.




Failure to follow this process will void all compressor warranty claims. Documentation may be required.

## WARRANTY TERMS & CONDITIONS

**All Power Products™ Air Conditioning Components will be free from defects in material and workmanship for one year, unlimited mileage with the following exceptions:**

1. Air Conditioning Compressors: Failure to follow the Compressor Replacement Process outlined above will void the warranty.
2. Warranty can be processed nationwide by any Power Products distributor, regardless of where the product was initially purchased. Only Power Products products will be processed for warranty. If a product is warrantable, only the product will be replaced.
3. Products rendered defective by misapplication, contamination, abuse, alteration or any change/adjustment are not warrantable. It is the user's responsibility to determine the suitability of any product to their specific application. Any product disassembly voids all warranty.
4. There are no warranties beyond that stated here, whether express or implied by law, course of dealing or performance, usage or trade or otherwise. Any warranties of merchantability or fitness for a particular purpose are expressly disclaimed. The buyer's sole remedy for a warranted product is replacement of product per conditions above. In no event shall PDC, its agents, employees, or representatives, be responsible for incidental or consequential damages nor negligence in any respect.

## COMPRESSORS

The replacement of a compressor requires installation of a new receiver drier/accumulator and the system to be flushed per the manufacturer's guidelines. See Page 266 for additional warranty information.

| | POWER PRODUCTS PN | DESCRIPTION / APPLICATION | OIL TYPE | GROOVES | VOLT | MOUNT | PORT TYPE |
|---|---|---|---|---|---|---|---|
|  PTAC5256 | PTAC5256 | Comp York ET210L | Ester PAG 100 | w/o | 12 | Direct | Tube O-Ring |
| | PTAC5236 | Comp York ER210L Aftermarket | PAG100 | w/o | 12 | Direct | Tube O-Ring |
|  PTAC5269 | PTAC5269 | CCI Comp 2W Clutch | Ester PAG 100 | 8 | 12 | Direct | Tube O-Ring |
|  PTAC5320 | PTAC5320 | Sanden Style 2GR SJ Head | PAG 100 | 2 | 12 | Ear | Pad |
| | PTAC5327 | Sanden Style | PAG 100 | 2 | 12 | Ear | HTO |
|  PTAC5327 | PTAC5331 | Comp SD7H15 4776/4482 MDAHD | PAG 100 | 8 | 12 | Direct | Pad |
| | PTAC5333 | Comp SD7H15 PV8 119 mm Direct Mount 12V GH Head | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC5333 | OTR100210 | Compressor York ER210R | POE / PAG 100 | w/o | w/o | — | — |

### TECH TIPS

**DID YOU KNOW? Putting a larger displacement compressor on a vehicle rarely makes it perform better and in some cases it can actually decrease performance.**

Most systems are designed for specific goals. These goals are determined by a number of factors: glass area, interior space, projected heat load, engine operating RPM, just to name a few. After all these factors have been calculated, the heat exchangers are designed for a specific BTU range. The compressor is then selected for the application.

## COMPRESSORS, continued

| | POWER PRODUCTS PN | DESCRIPTION / APPLICATION | OIL TYPE | GROOVES | VOLT | MOUNT | PORT TYPE |
|---|---|---|---|---|---|---|---|
|  PTAC5339 | PTAC5339 | Comp SD7H15 4883 12V Direct Mount VOR PV6 125 mm | PAG 100 | 6 | 12 | Direct | Vertical O-Ring |
| PTAC5347  | PTAC5347 | Comp SD7H15 PV6 12V 125 mm Navistar TANG GWA 2 Wire | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC5348 | PTAC5348 | Comp SD7H15 DM PV8 12V 119 mm Navistar GWA 2 Wire | PAG 100 | 8 | 12 | Direct | Pad |
| PTAC5362  | PTAC5362 | Comp SD7H15 4039 PV6 125 mm 12V GA Head | PAG 100 | 6 | 12 | Direct | Pad |
|  PTAC5362SD | PTAC5362SD | Sanden Style SUPR-HDComp / PACCAR | PAG 100 | 8 | 12 | Direct | Pad |
| PTAC5365  | PTAC5365 | Comp SD7H15SHD 4042 PV8 119 mm 12V GQ Head | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC5365SD | PTAC5365SD | Sanden Style SUPR-HD Comp / PACCAR | PAG 100 | 8 | 12 | Direct | Pad |

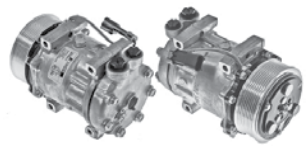
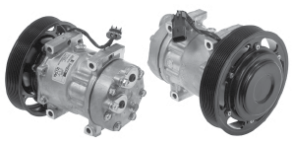
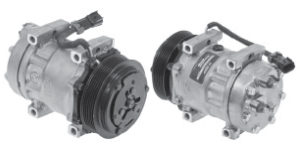
### TECH TIPS

**A/C SYSTEM DIAGNOSTICS:** **The refrigerant oil color can often provide us with some idea of the compressor and internal system.** ***Black Oil*** indicates carbonization caused by air (moisture) in the system. ***Brown Oil*** indicates copper plating caused by moisture in the system. ***Grey*** or ***Metallic Oil*** indicates bearing wear or piston scoring. Piston scoring may be attributed to high head pressure caused by system moisture.

## COMPRESSORS, continued

| | POWER PRODUCTS PN | DESCRIPTION / APPLICATION | OIL TYPE | GROOVES | VOLT | MOUNT | PORT TYPE |
|---|---|---|---|---|---|---|---|
|  PTAC5366 | PTAC5366 | Comp SD7H15 4040 PV6 125 mm 12V GQ Head | PAG 100 | 6 | 12 | Direct | Pad |
| PTAC5373  | PTAC5373 | Comp SD7H15 4041 2AG 125 mm 12V GQ Head | PAG 100 | 2 | 12 | Ear | Pad |
|  PTAC5384 | PTAC5384 | Sanden Style | PAG 100 | 2 | 12 | Ear | VOR |
|  PTAC5385 | PTAC5385 | Comp SD7H15 4493 HPA D 132 mm PV8 DIR 12V | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC5395 | PTAC5395 | SD7H15 SHD Compressor Freightliner | PAG 100 | 8 | 12 | Direct | VPad |
|  PTAC5398 | PTAC5398 | SD7H15 SUPR-HD Compressor Freightliner | PAG 100 | 8 | 12 | Direct | VPad |
|  PTAC5402 | PTAC5402 | Sanden Style SUPR-HD Comp 12GR 12V | PAG 100 | 12 | 12 | Direct | Pad |

## COMPRESSORS, continued

| | POWER PRODUCTS PN | DESCRIPTION / APPLICATION | OIL TYPE | GROOVES | VOLT | MOUNT | PORT TYPE |
|---|---|---|---|---|---|---|---|
|  PTAC5403 | PTAC5403 | Sanden Style Compressor SD4307 | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC5404 | PTAC5404 | Comp SD7H15SHD 4042 PV8 119 mm 12V GQ Head | PAG 100 | 8 | 12 | Direct | Pad |
|  PTAC54546 | PTAC54546 | Sanden Style SUPR-HD COMP/PACCAR | PAG 100 | 6 | 12 | Direct | Pad |
|  PTAC5764 | PTAC5727 | Comp SD7H15HD 4627 VOR 125 mm | | 2 | 12 | Ear | JD |
| | PTAC5764 | Comp SD7H15 4647 VOR 132 mm 2A 12V No Diode | PAG 100 | 2 | 12 | Ear | Vertical O-Ring |
|  PTAC5770 | PTAC5770 | Comp SD7H15 4041 2AG 125 mm 12V GQ Head | PAG 100 | 2 | 12 | Ear | Pad |
|  PTAC5771 | PTAC5771 | Comp SD7H15 4603/4469 Ford F-700 Truck 94-99 W CL | PAG 100 | 2 | 12 | Ear | Pad |
|  PTAC5923A | PTAC5923A | TM16 DIR.MT. Comp w/ 120 mm 8G | PAG 46 | 8 | 12 | Direct | Pad |

## RECEIVER DRIERS

| | PN | DESCRIPTION / APPLICATION | DIAMETER | LENGTH | SPECIFICATIONS |
|---|---|---|---|---|---|
|  PTAC7126 | PTAC7126 | AC Drier | 3″ | 6.25″ | • Fitting Inches: 3.8″<br>• Sight Glass: N<br>• Service Valve: N<br>• Moisture Indicator: N<br>• Fitting Out: 3.8″ |
|  PTAC7159 | PTAC7141 | AC Drier | 3″ | 8.25″ | • Fitting Inches: 3/8 MIO<br>• Sight Glass: N<br>• Service Valve: N<br>• Moisture Indicator: N<br>• Fitting Out: 3/8 MIO |
| | PTAC7159 | For Volvo / GM Truck 3″× 9.18″ 3/8″ | 3″ | 9.25″ | • Fitting Inches: 3/8 MIO<br>• Sight Glass: Top<br>• Service Valve: Top<br>• Moisture Indicator: Top<br>• Fitting Out: 3/8 MIO |
|  PTAC7169 | PTAC7166 | For 93 & UP Mack Truck (Like OE# 332-RO-335) | 5″ | 10″ | • Fitting Inches: 3/8 MO<br>• Sight Glass: Top<br>• Service Valve: Top<br>• Moisture Indicator: Top<br>• Fitting Out: 3/8 MO |
|  PTAC7197 | PTAC7169 | For 94 & UP Kenworth (Like OEM# PH08833500) | 3″ | 10″ | • Fitting Inches: 3/8 MIO<br>• Sight Glass: Top<br>• Service Valve: Top<br>• Moisture Indicator: Top<br>• Fitting Out: 3/8 O |
|  PTAC7230 | PTAC7197 | For Freightliner (Like#ABP-N83-319744) | 3″ | 10″ | • Fitting Inches: Pad<br>• Service Valve: 2 Side MIO<br>• Fitting Out: Pad |
| | PTAC7230 | For 94 & UP Kenworth (Like OEM# PH08833500) | 3″ | 10″ | • Fitting Inches: 11/16 FO<br>• Sight Glass: Top<br>• Service Valve: Top<br>• Fitting Out: 3/8 FO |
|  PTAC7387 | PTAC7387 | For Kenworth Truck 251-571 3/8 FOR X 3/8 MIO | 3″ | 10″ | • Fitting Inches: 3/8 FO<br>• Sight Glass: Top<br>• Fitting Out: 3/8 MIO |
|  PTAC7555 | PTAC7555 | Drier/R9777 | 3″ | 6.25″ | • Fitting Inches: 3/8 MO<br>• Sight Glass: N<br>• Service Valve: N<br>• Fitting Out: 3/8 MO |
|  PTAC7585 | PTAC7585 | Drier / 2010-11 Freightliner | 4″ | 6″ | • Fitting Inches: Pad<br>• Sight Glass: N<br>• Service Valve: N<br>• Fitting Out: Pad |

# ACCUMULATORS / EVAPORATORS

## ACCUMULATORS

| | PN | APPLICATION | DIAMETER | LENGTH | SPECIFICATIONS |
|---|---|---|---|---|---|
|  PTAC7415 | PTAC7415 | Accumulator / Navistar | 2.5″ | 14″ | • Fitting Inches: QD<br>• Sight Glass: N<br>• Service Valve: N<br>• Fitting Out: QD |
| PTAC7416  | PTAC7416 | Accumulator / Navistar Prostar | 4.5″ | 6.25″ | • Fitting Inches: Pad<br>• Sight Glass: N<br>• Service Valve: N<br>• Fitting Out: Pad |
|  PTAC7417 | PTAC7417 | Accumulator / Navistar | 3″ | 6.3″ | • Fitting Inches: 3/8″ FOR<br>• Sight Glass: N<br>• Service Valve: N<br>• Moisture Indicator: N<br>• Fitting Out: Pad |
| PTAC7493  | PTAC7493 | Ford Generic Accumulator | 3.5″ | 8″ | • Fitting Inches: 5/8″ MOR<br>• Sight Glass: N<br>• Service Valve: N<br>• Moisture Indicator: N<br>• Fitting Out: 3/4″ MOR |

## EVAPORATORS

| | PN | APPLICATION | DIMENSIONS |
|---|---|---|---|
|  PTAC6609 | PTAC6609 | AC Evaporator Navistar | • Height: 250 mm<br>• Width: 331 mm<br>• Depth: 65 mm |
| PTAC6636  | PTAC6636 | AC Evaporator Ford | • Height: 199 mm<br>• Width: 267 mm<br>• Depth: 92 mm |

## ORIFICE TUBES

| | PN | DESCRIPTION |
|---|---|---|
|  PTAC1651 | PTAC1651 | Orifice Tube — Blue |
|  PTAC1652 | PTAC1652 | Orifice Tube — Orange |
|  PTAC1654 | PTAC1654 | Orifice Tube — Red |
| PTAC1662  | PTAC1662 | Orifice Tube — Navistar |
| PTAC1663  | PTAC1663 | Orifice Tube — B/W .072" |

## HEATER CORE

| | PN | APPLICATION | DIMENSIONS |
|---|---|---|---|
|  PTAC6948 | PTAC6948 | Heater Core Navistar | • Height: 314 mm<br>• Width: 193 mm<br>• Depth: 38 mm |

## EXPANSION VALVES

| | PN | APPLICATION/ DESCRIPTION | FIT | TONS BLOCK | REFRIG. | LIQUID INLET | LIQUID OUTLET | SUCTION INLET | SUCTION OUTLET |
|---|---|---|---|---|---|---|---|---|---|
|  PTAC1600  PTAC1602 | PTAC1600 | 3/8 × 1/2 × 1/2 × 5/8 2T | O-Ring | 2 | R134a | 3/8″ | 1/2″ | 1/2″ | 5/8″ |
| | PTAC1602 | 3/8 × 1/2 × 5/8 × 5/8 2T | O-Ring | 2 | R134a | 3/8″ | 1/2″ | 5/8″ | 5/8″ |
|  PTAC1612  PTAC1614 | PTAC1611 | Peterbilt 99-01 97-02 | Flange | 2 | R134a | 1/2″ | 5/8″ | 5/8″ | 3/4″ |
| | PTAC1612 | Navistar Class 8 | Flange | 1.5 | R134a | 3/8″ | 1/2″ | 1/2″ | 5/8″ |
|  PTAC1619  PTAC1621 | PTAC1614 | Expansion Valve | O-Ring | 2 | R134a | 3/8″ | 1/2″ | 5/8″ | 3/4″ |
| | PTAC1619 | Freightliner | Stat Seal | 1.5 | R134a | 3/8″ | 1/2″ | 5/8″ | 3/4″ |
|  PTAC1622  PTAC1632 | PTAC1621 | Freightliner Century Columbia 02-05 | Stat Seal | 1 | R134a | 3/8″ | 1/2″ | 5/8″ | 5/8″ |
| | PTAC1622 | Volvo — Navistar | O-Ring | 2 | R134a | 3/8″ | 1/2″ | 5/8″ | 3/4″ |
|  PTAC1672 | PTAC1632 | Freightliner Coronado | Stat Seal | 2 | R134a | 3/8″ | 3/8″ | 5/8″ | 3/4″ |
| | PTAC1672 | Volvo — Navistar | O-Ring | 2 | R134a | 3/8″ | 1/2″ | 5/8″ | 5/8″ |

### TECH TIPS

**DID YOU KNOW? — The expansion valve is a refrigerant metering device that creates a temperature/ pressure drop.** It also divides the system into two zones — high pressure and low pressure. The most common block valve failure is loss of gas charge inside the power element head. Plugged-up expansion valves cannot be flushed out and must be replaced. When replacing a capillary type expansion valve, make sure the capillary coil or bulb is properly attached to the outlet side of the evaporator line and well insulated with prestite insulation tape.

## BLOWER MOTORS

| | PN | APPLICATION | VOLT | HEIGHT | WIDTH | SHAFT DIAM. | ROTATION | SHAFT LENGTH | # OF SPEEDS |
|---|---|---|---|---|---|---|---|---|---|
|  PTAC3051 | PTAC3051 | Blower Motor Ford | 12 | 4.5″ | 3.25″ | 5/16″ | CW | 1.75″ | 1 |
| | PTAC3129 | Blower Motor GMC | 12 | 3.375″ | 3.125″ | 5/16″ | CW | 1.4375″ | 1 |
|  PTAC3129 | PTAC3231 | Blower Motor HD GMC Mack Brigadier Navistar | 12 | 4-1/16″ | 3″ | 5/16″ | CCW | 2.875″ | 1 |
| | PTAC3267 | Blower Motor Ford | 12 | 4.5″ | 3.25″ | 5/16″ | CW | 1.625″ | 1 |
|  PTAC3393 | PTAC3393 | Blower Motor | 12 | 4.625″ | 3″ | 5/16″ | CW | 3.3125″ | 3 |
|  PTAC3741 PTAC3772 | PTAC3512 | Blower Motor | 12 | 4.625″ | 3″ | 5/16″ | CW | 1.75″ | 1 |
| | PTAC3514 | Blower Motor | 24 | 4.625″ | 3″ | 5/16″ | CW | 1.75″ | 1 |
|  PTAC3941 | PTAC3741 | Blower Wheel | — | 6″ | 3″ | 5/16″ | CCW | — | — |
| | PTAC3772 | Blower Wheel | — | 4.5″ | 3-3/8″ | 5/16″ | Dual | — | — |
|  PTAC3972 | PTAC3941 | Blower Motor Assembly Navistar / Prostar | 12 | 6.5″ | 7.875 | 5/16″ | CW | 1.875″ | 1 |
| | PTAC3972 | Blower Motor Peterbilt | 12 | 2.09″ | 3″ | 5/16″ | CW | 2.09″ | 1 |

## BLOWER MOTOR SWITCH†

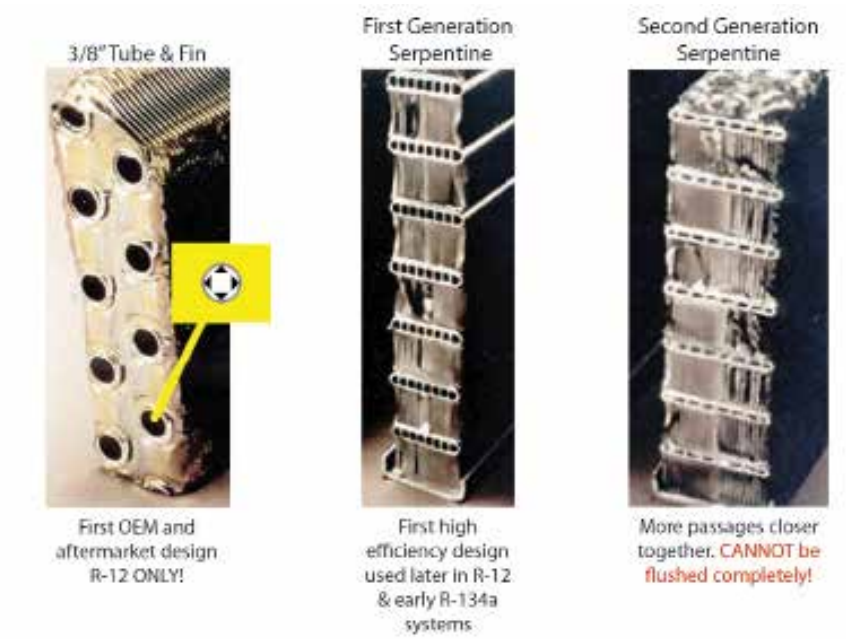
- Cost-efficient repair solution eliminates the need to replace the entire HVAC control module saving time, money and labor
- Plug and play for easy installation
- Replacement restores proper operation of the HVAC blower motor

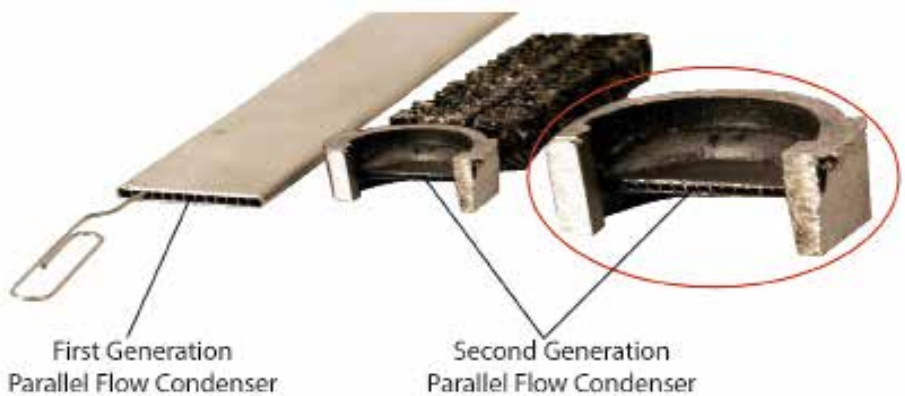
| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  599-5000 | 599-5000 | 2008–2015 | Peterbilt | 384 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LATE MODEL CONDENSERS

- The parallel flow condenser is by far the most efficient condenser to use with R134-a refrigerant. The multi-channel construction and multiple passes the refrigerant makes through the condenser allows maximum heat transfer. The smaller tubes and wide surface area allows the most refrigerant to come in contact with air flowing through the condenser fins.
- The reason for this efficiency is also one of its major drawbacks. These small tubes that efficiently transfer heat are so small that they trap any contaminants in the system that tries to pass through them. Flushing will not remove the trash from the condenser. This trash will create a restriction in the condenser and make the high side pressures go up. This forces the compressor to work harder and possibly fail. Contaminants in the condenser can also work itself free and end up at the compressor where it will also cause a failure.
- If there is a situation where the system needs to be flushed we strongly recommend changing the condenser. This will cut down on comebacks and also will help extend the life of the AC system.

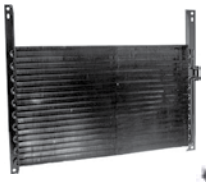



**EXERCISE CAUTION**

**Late Model Condensers** cannot be flushed — **only replaced.**

## CONDENSERS

| | PN | APPLICATION | TYPE | HEIGHT | LENGTH | DEPTH |
|---|---|---|---|---|---|---|
|  PTAC6283 | PTAC6297 | AC Condenser / Freightliner / Sterling LT 8500 | PF | 19.5″ | 32.75″ | 0.65″ |
| | PTAC6283 | AC Condenser / Navistar | PF | 508 mm | 864 mm | 25 mm |
|  PTAC6288 | PTAC6202 | AC Condenser / Kenworth T600 | PF | 20″ | 28.5″ | 1″ |
| | PTAC6288 | AC Condenser | PF | 616 mm | 540 mm | 19 mm |
|  PTAC6292 | PTAC6299 | AC Condenser / Navistar 7100 | PF | 20.25″ | 23.5″ | 0.75″ |
| | PTAC6292 | Condenser / Peterbilt | PF | 775 mm | 616 mm | 19 mm |
|  PTAC6319 | PTAC6273 | Peterbilt 359/377/379/385 | SH | 27.25″ | 28″ | 0.75″ |
| | PTAC6319 | Condenser / Freightliner Columbia | PF | 495 mm | 875 mm | 20 mm |
|  PTAC6345 | PTAC6345 | Condenser / 2009 Freightliner | PF | 562 mm | 876 mm | 19 mm |
| | PTAC6245A | Condenser / Volvo PF Aluminum VN Series 00-06 | PF | 16.25″ | 32″ | 0.75″ |
|  PTAC6350 | PTAC6350 | Condenser / Navistar Prostar | PF | 828 mm | 425 mm | 19 mm |
|  PTAC6368 | PTAC6368 | Condenser / Navistar | PF | 517 mm | 616 mm | 19 mm |

## CONDENSER FAN ASSEMBLY†

| | PN | DESCRIPTION |
|---|---|---|
| 620-5601  | 620-5601 | Condenser Fan Assembly |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CLUTCHES

| | PN | DESCRIPTION / APPLICATION | GROOVES | VOLT |
|---|---|---|---|---|
|  PTAC5030 | PTAC5030 | Clutch York PV6 Poly Groove | 6 | 12 |
| PTAC5031  | PTAC5031 | Clutch York Type 6" .50 Single Groove | 1 | 12 |
|  PTAC5044 | PTAC5044 | Clutch York 6" 2A 3 Spring w/ Bullet Terminal | 2 | 12 |
| PTAC5128  | PTAC5128 | Clutch York PV8 2-Wire 155 mm Groove Diameter Poly Groove | 8 | 12 |
|  PTAC5129 | PTAC5129 | Clutch PV6 6" 2V 2-Wire York Comp Poly Groove | 6 | 12 |
| PTAC5131  | PTAC5131 | Clutch HD Truck 6" 1 GR | 1 | 12 |
|  PTAC5144 | PTAC5144 | Clutch HD 6" 3 Spring York w/ Packard Terminal | 2 | 12 |
| PTAC5145  | PTAC5145 | Clutch York 2A 6" w/ 2-Wire Coil | 2 | 12 |
|  PTAC5164 | PTAC5164 | SD7 2-Wire Key / Diode | 6 | 12 |

### TECH TIPS

**DID YOU KNOW? — Most clutches fail due to low voltage which causes them to slip and create extreme heat.** That may be the case if the clutch face is discolored. You may also see some epoxy from the coil windings that may be on the clutch face as well. To see if this is the problem, start the vehicle and turn all of the accessories on. With a volt meter, check the voltage to the clutch and make sure it's to the manufacture's specifications. If the voltage is all okay, they there may be a problem with high head pressure.

## RESISTORS

| | PN | DESCRIPTION / APPLICATION |
|---|---|---|
|  PTAC1220 | PTAC1220 | Resistor — 3 Terminal |
|  PTAC1223P | PTAC1223P | Blower Resistor/OE Pet Style |
|  PTAC1224 | PTAC1224 | Resistor |
|  PTAC1233 | PTAC1233 | Resistor — 3 Terminal |
|  PTAC1248 | PTAC1243 | Resistor/Navistar |
| | PTAC1248 | Blower Resistor/Ford |

## THERMOSTAT

| | PN | DESCRIPTION / APPLICATION |
|---|---|---|
|  PTAC1342 | PTAC1342 | A/C Thermostat — Preset |

## VALVES

| | PN | DESCRIPTION / APPLICATION |
|---|---|---|
|  PTAC2104 | PTAC2104 | Water Valve — Cable |
|  PTAC5513 | PTAC5513 | Service Valve — #8 Tube-O Discharge |
|  PTAC5514 | PTAC5514 | Service Valve — #10 Tube-O Suction |
|  PTAC8916 | PTAC8916 | R134a Hi Flow Valve Cores/10 |
| | OTR2385 | Actuator Motor Heater Valve |

## VALVE CABLE†

- Direct replacement
- Easy to install
- Vehicle try-on testing has been conducted to ensure trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5210 | 924-5210 | Coolant Valve Cable / HVAC Heater Control Cable | 1997–2002 | Freightliner | FL80 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# BLOWER MOTOR RESISTOR KITS

## BLOWER MOTOR RESISTOR KITS†

- Save time and money by replacing just the failed HVAC control components, instead of the entire assembly
- Direct replacement for a proper fit every time
- Instructions included to assist with installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  599-050 | 599-050 | CCM Repair Kit | 2000–2010 | International | 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |

- Includes the harness, an essential component of most repairs
- Direct replacement for a proper fit every time
- Easy to install


973-5088

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 973-5088 | Blower Motor Resistor Kits | 2002–2017 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CXT, LoneStar, MXT, ProStar, RXT |
| 973-5091 | Blower Motor Resistor Kits | 1990–2017 | International | 1652SC, 1652UPS, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 5000, 7100, 8100, 8200, 8300, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9800, 9800 SBA, 9800 SFA, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 973-5092 | Blower Motor Resistor Kits | 1990–2002 | IC, IC Corporation, International | 1652SC, 1652UPS, 3000, 3000 IC, 3000FE, 3000IC, 3000RE, 3400, 3600, 3700, 3800, 3800 CE, 3900, 3900FC, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8100, 8200, 8300 |
| 973-5094 | Blower Motor Resistor Kits | 1994–2017 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 973-5095 | Blower Motor Resistor Kits | 2005–2010 | Hino | 145, 165, 185, 238, 258, 258ALP, 258LP, 268, 268A, 338, 338CT |

- Direct replacement for a proper fit every time
- Easy to install
- Also available in a kit that includes the harness, an essential component of most repairs


973-5089

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 973-5089† | Blower Motor Resistor | 2002–2017 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CXT, LoneStar, MXT, ProStar, RXT |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEATER ACTUATOR

| | PN | DESCRIPTION |
|---|---|---|
|  PTAC2386 | PTAC2386 | Heater Actuator / Navistar |

## HEATER BLEND DOOR ACTUATORS†

- Direct replacement for a proper fit every time
- Recommended for replacement during blend door replacement
- High quality plastic housing and motor/circuit board included

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  604-5101CD | 604-5101CD | 2001–2012 | International | 4200, 4300, 4400, 7400, 7500, 7600, 8500, 8600, 8600 SBA, LoneStar, ProStar, WorkStar 7600 |
| | 604-5104 | 1998–2017 | International | 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200 SBA, 9200i, 9200i SBA, 9300, 9400, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 604-5105 | 2001–2008 | International | 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200i SBA, 9300, 9400, 9400i SBA, 9800, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
|  604-5104 | 604-5106CD | 2001–2012 | International, Kenworth | 4200, 4300, 4400, 7400, 7500, 7600, 8500, 8600, 8600 SBA, C500, LoneStar, ProStar, T300, T600A, T800, W900, WorkStar 7600 |
| | 604-5107 | 2008–2011 | International | LoneStar, ProStar |
| | 604-5113 | 1994–2011 | Peterbilt | 330, 335, 340, 357, 378, 379, 385, 386, 388, 389 |
| | 604-5120 | 2002–2017 | Freightliner, Volvo | Century Class, Columbia, Coronado, VNL |
| | 604-5131 | 1996–1998 | Volvo | VN, VNL, VNM |
| | 604-5155 | 2000–2017 | Chevrolet, GMC, Mack | |

- Direct replacement for a proper fit every time
- No special tools necessary for installation
- Reduce repair cost — replace only the failed part, not the entire assembly

| | PN | YEAR | MAKE |
|---|---|---|---|
|  604-5103 | 604-5103† | 1988–2015 | Blue Bird, Kenworth, Peterbilt, Volvo, Western Star |
| | 604-5103CD† | 1988–2015 | Blue Bird, Kenworth, Peterbilt, Volvo, Western Star |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEATER VALVE ACTUATORS†

- Direct replacement for a proper fit every time
- No special tools necessary for installation
- Reduce repair cost — replace only the failed part, not the entire assembly

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  604-5112  604-5401  604-5402 | 604-5112 | Heater Water Shut-Off Valve Actuator | 2005–2011 | Kenworth | T600A, T800, W900 |
| | 604-5401 | Heater Control Valve Actuator | 2005–2011 | Kenworth | T600A, T800, W900 |
| | 604-5402 | Heater Control Valve Actuator | 1997–2011 | Peterbilt | 320 |

## HEATER CONTROL KNOBS†

- Conveniently available in varied assortments that contain a range of styles
- Easy to install
- Vehicle try-on testing has been conducted on this part to ensure trouble-free performance

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  702-5401 | 702-5401 | 1987–2011 | Peterbilt | 330, 335, 357, 367, 375, 378, 379, 384, 386, 387 |
| | 702-5401CD | 1987–2011 | Peterbilt | 330, 335, 357, 367, 375, 378, 379, 384, 386, 387 |
| | 702-5402CD | 2003–2009 | Kenworth | T170, T2000, T270, T300, T370, T600A, T660, T800, W900 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## VENTS†

- Direct replacement for a proper fit every time
- Rivet gun needed for installation
- Constructed of quality materials for durability and a longer service life

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| | **CAB DOOR VENT** | | | | |
|  242-5503 | 242-5503 | 1981–2014 | Mack | MR, MRU | MR600K SubModel, MR600P SubModel, MR600S SubModel |

- Direct replacement for a proper fit
- No special tools necessary
- Easy to install


216-5101

| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| **HVAC VENT / DASHBOARD AIR VENT** | | | |
| 216-5101 | 2000–2017 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200 SBA, 9200i, 9200i SBA, 9400, 9400i SBA, 9800, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA, LoneStar, ProStar |
| 216-5101CD | 2000–2017 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200 SBA, 9200i, 9200i SBA, 9400, 9400i SBA, 9800, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA, LoneStar, ProStar |
| 216-5202 | 1995–2005 | Freightliner | Classic, Classic XL |
| 216-5202CD | 1995–2005 | Freightliner | Classic, Classic XL |
| 216-5203 | 2000–2011 | Freightliner | Century Class, Columbia, Coronado |
| 216-5203CD | 2000–2011 | Freightliner | Century Class, Columbia, Coronado |
| 216-5401 | 1982–2005 | Kenworth | C500, W900 |
| 216-5401CD | 1982–2005 | Kenworth | C500, W900 |
| 216-5402 | 1982–2005 | Kenworth | C500, W900 |
| 216-5402CD | 1982–2005 | Kenworth | C500, W900 |
| 216-5403 | 1982–2005 | Kenworth | C500, W900 |
| 216-5403CD | 1982–2005 | Kenworth | C500, W900 |
| 216-5406 | 2006–2012 | Kenworth | W900 |
| 216-5406CD | 2006–2012 | Kenworth | W900 |
| 216-5407 | 1987–2000 | Peterbilt | 357, 375, 377, 378 |
| 216-5407CD | 1987–2000 | Peterbilt | 357, 375, 377, 378 |
| 216-5408 | 1987–2000 | Peterbilt | 357, 375, 377, 378 |
| 216-5408CD | 1987–2000 | Peterbilt | 357, 375, 377, 378 |
| 216-5409 | 2001–2005 | Peterbilt | 388, 389 |
| 216-5409CD | 2001–2005 | Peterbilt | 388, 389 |
| 216-5901 | 2001–2010 | Western Star | 4900, 4900E, 4900EX, 4900FA, 4900SA |
| 216-5901CD | 2001–2010 | Western Star | 4900, 4900E, 4900EX, 4900FA, 4900SA |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# A/C SWITCHES

## SWITCHES




| PN | DESCRIPTION / APPLICATION |
|---|---|
| PTAC1265 | 70 Amp Relay / Sterling Trucks |
| PTAC1293 | 70 Amp 4 Terminal Carrier / Truck |
| PTAC1324 | Switch/Sterling / Freightliner |
| PTAC1437 | High Pressure Switch, NO |
| PTAC1439 | High Pressure Switch, NC |
| PTAC1459 | Pressure Switch / 94-95 KW T600 K301 |
| PTAC1489 | High Pressure Switch / Navistar |
| PTAC1492 | High Pressure Switch |
| PTAC1493 | Low Pressure Switch |
| PTAC1498 | High Pressure Switch |
| PTAC1499 | High Pressure Switch, NO |
| PTAC1513 | Binary Switch, Female, R134a |
| PTAC1514 | Binary Switch / Freightliner |
| PTAC1515 | Binary Switch / KW K301-370-1 |
| PTAC1519 | Low Pressure Switch / Kenworth |
| PTAC1546 | Pressure Switch Pigtail 2-Wire |
| PTAC1550 | Trinary Switch Male, NO |
| PTAC1560 | Trinary Switch Female, NO |
| PTAC1565 | Trinary Switch Female, NC |

## RELAYS & BINARY SWITCHES




PTAC1252

| PN | DESCRIPTION |
|---|---|
| — | 5 Terminal Bosch Relay 30-40 Amp |
| PTAC1252 | 5 Terminal Relay w/ Diode 30-40 Amp |
| — | Binary Switch — M10 / Freightliner |

## OILS & LUBRICANTS



PTAC8202


PTAC8206


PTAC8207


PTAC8229



PTAC8248


PTAC8256


PTAC8811



PTAC8812

| PN | DESCRIPTION | SIZE |
|---|---|---|
| PTAC8202 | AC Retro Oil | 12 oz |
| PTAC8203 | AC Retro Oil | 32 oz |
| PTAC8206 | AC PAG100 Oil | 8 oz |
| PTAC8207 | AC PAG46 Oil | 8 oz |
| PTAC8208 | AC PAG150 Oil | 8 oz |
| PTAC8228 | AC PAG100 Oil | 1 gal |
| PTAC8229 | AC PAG150 Oil | 32 oz |
| PTAC8230 | AC PAG150 Oil | 1 gal |
| PTAC8248 | Sanden PAG Oil | 8.45 oz |
| PTAC8256 | AC Vacuum Pump Oil | 1 qt |
| PTAC8811 | AC Flush Premium | 1 gal |
| PTAC8812 | AC Flush Solvent | 1 qt |
| 8201 | Polyolester Oil | — |
| 8206 | Polyolester Oil | — |
| 8210 | Polyolester Oil | — |

## A/C MASTER KITS

Includes the four kits below plus the storage container:

- **BOX 1 PTACMT9660** — Compressor ports and line connection O-rings — 48 PNs
- **BOX 2 PTACMT9661** — Sealing washers HD trucks and O-rings Sprinter Van — 35 PN
- **BOX 3 PTACMT9662** — Sealing washer and metal gaskets — 23 PNs
- **BOX 4 PTACMT9663** — Orifice tubes and orifice tube repair kit — 12 PNs

**Coverage & Usage**

- Medium and heavy duty truck coverage 1994–2013
- Most commonly used AC small parts on medium to heavy duty trucks
- Kit in Kit — Color code sections to organize components for easy identification
- Section for Sprinter Van 2004–2013
- Coverage includes Navistar, Mack, Freightliner, Peterbilt, Ford / Sterling, GM / Volvo, Sprinter Van, Dodge, and Mercedes



**PTACMT9260**
Includes 88 PNs
575 Pieces

## INDIVIDUAL KITS

| | PN | DESCRIPTION |
|---|---|---|
|  PTACMT9660 | PTACMT9660 | Compressor Ports & Line Connection O-Rings (48 PNs — 306 Pieces) |
| PTACMT9661  | PTACMT9661 | Sealing Washers HD Trucks & O-Rings Sprinter Van (35 PNs — 150 Pieces) |
|  PTACMT9662 | PTACMT9662 | Sealing Washers & Metal Gaskets (23 PNs — 90 Pieces) |
| PTACMT9663  | PTACMT9663 | Orifice Tubes & Orifice Tube Repair Kit (12 PNs — 29 Pieces) |

## A/C SERVICE KIT COMPONENTS

| PN | DESCRIPTION / APPLICATION | STANDARD PACKAGE |
|---|---|---|
| PTACMT0272 | Compressor Switch Port O/R / GM | 20-Pack |
| PTACMT1319 | Sealing Washer — Suction — Sanden WG Head / Navistar | Each |
| PTACMT1318 | Sealing Washer — Discharge — Sanden WG Head / Navistar | Each |
| PTACMT1343 | Sealing Washer Kit — Suction / Ford / Sterling Trucks | Each |
| PTACMT0395 | #10 (15 mm ID) Sealing Washer / GM | 10-Pack |
| PTACMT0369 | #6 (8 mm ID) Sealing Washer / GM | 10-Pack |
| PTACMT0370 | #8 (11 mm ID) Sealing Washer / GM | 10-Pack |
| PTACMT0371 | #12 (17 mm ID) Sealing Washer / GM | 10-Pack |
| PTACMT1425 | #6 (8.15 mm ID) Stat Seal | 10-Pack |
| PTACMT1428 | #12 (17.27 mm ID) Stat Seal | 10-Pack |
| PTACMT1429 | 5/8" (15.37 mm ID) Stat Seal — Compressor Port | 10-Pack |
| PTACMT1587 | #6 (8.15 mm ID) Slim Line Seal / Freightliner | Each |
| PTACMT1588 | #8 (11.34 mm ID) Slim Line Seal / Freightliner | Each |
| PTACMT1589 | #10 (13.86 mm ID) Slim Line Seal / Freightliner | Each |
| PTACMT1320 | Sanden Compressor — WG Head — Discharge | Each |
| PTACMT1321 | Sanden Compressor — WG Head — Suction | Each |
| PTACMT1427 | #10 (14.22 mm ID) Stat Seal | Each |
| PTACMT0054 | Teflon Seal — York / Tecumseh Roto Lock Fittings | 20-Pack |
| PTACMT1299 | Sealing Washer Kit — Discharge / Ford / Sterling Trucks | Each |
| PTACMT0097 | White — Evaporator Mount (0.072") / GM | 5-Pack |
| PTACMT0092 | Blue — Evaporator Mount (0.067") / Ford | 5-Pack |
| PTACMT0093 | Red Evaporator Mount (0.062") / Ford / Peterbilt | 5-Pack |
| PTACMT0095 | Brown — Evaporator Mount (0.047") / Ford | 5-Pack |
| PTACMT0094 | Orange — Evaporator Mount (0.057") / Ford | 5-Pack |
| PTACMT0098 | Black/White — Condenser Mount (0.072") / GM | 5-Pack |
| PTACMT0091 | Purple — Condenser Mount (0.062") / Navistar | 5-Pack |
| PTACMT0099 | Yellow — Evaporator Mount (0.062") / GM / Volvo | 5-Pack |
| PTACMT1243 | Black/White — Evaporator Mount (0.072") / Ford / Sterling | 5-Pack |
| PTACMT0829 | Orifice Tube Repair Kit (3/8" or 1/2" OD Tube) | Each |
| PTACMT0105 | Schrader Type — GM / Ford Hi-Side Service Port | 5-Pack |
| PTACMT0177 | Aeroquip Type — Low Side | Each |
| PTACMT0178 | Aeroquip Type — Hi-Side | Each |
| PTACMT1606 | Fitting 3/8-24" MOR X M10-1.25 Male Switch w/ Valve Core | Each |
| PTACMT1607 | Fitting 3/8-24" MOR X M12-1.50 Male Switch w/ Valve Core | Each |
| PTACMT1608 | Fitting, Low Side Service Port 3/8" 24 × 13 mm QDK | Each |
| PTACMT1609 | Fitting, Low Side Service Port 3/8" 24 × 15 mm QDK | Each |
| PTACMT0157 | Sanden Compressor — WV Head — Discharge | 20-Pack |
| PTACMT1708 | Seltec Dks15BH/CH — Discharge Port — .669X.095 | Each |

## A/C SERVICE KIT COMPONENTS, continued

| PN | DESCRIPTION / APPLICATION | STANDARD PACKAGE |
|---|---|---|
| PTACMT1709 | Seltec Dks15BH/CH — Suction Port — .827X.098 | Each |
| PTACMT1310 | Zexel Compressor — Dks 17 — Discharge & Suction Ports | 20-Pack |
| PTACMT0228 | Capillary Tube / GM | 20-Pack |
| PTACMT0004 | M10 Switch Ports — #7 / GM Orifice Tube O-Ring | 20-Pack |
| PTACMT0245 | M12 Switch Ports | 20-Pack |
| PTACMT0260 | #12 Captive (.103" Wall) / GM | 20-Pack |
| PTACMT0262 | Sanden Pad Mount — Discharge Port | 20-Pack |
| PTACMT0115 | Compressor Ports — Discharge & Suction — A6 & R4 / GM | 20-Pack |
| PTACMT0345 | #10 (5/8") Dual / GM | 20-Pack |
| PTACMT0344 | #8 (1/2") Dual / GM | 20-Pack |
| PTACMT0303 | 28 mm — Suction Line / Sprinter Van | 20-Pack |
| PTACMT0030 | Sanden Pad Mount — Suction Port / Ford FS6 — 2 Port — Oval | 20-Pack |
| PTACMT0304 | Compressor Ports / Ford FS6 | 20-Pack |
| PTACMT0238 | Orifice Tube — O-Ring / Ford | Each |
| PTACMT0236 | #6 Captive (.095" Wall) / GM | 20-Pack |
| PTACMT0335 | Liquid Line Bleed Tube / Ford | 20-Pack |
| PTACMT0244 | #8 Captive (.095" Wall) / GM | 20-Pack |
| PTACMT0274 | #10 P-Nut (.098" Wall) / Ford | 20-Pack |
| PTACMT0160 | #6 Metric — Springlock | 20-Pack |
| PTACMT0163 | #12 Metric — Springlock | 20-Pack |
| PTACMT0187 | Denso 10PA15C — #10 Suction Port | 20-Pack |
| PTACMT0191 | 17 mm × 2.01 mm Sprinter Van | 20-Pack |
| PTACMT0161 | #8 Metric — Springlock | 20-Pack |
| PTACMT0269 | For Compressor HR, V5 Discharge & Suction Port — Ford FS10, Sanden Flx7 / GM | 20-Pack |
| PTACMT0199 | 14 mm × 2.00 — Suction Line — Sprinter Van | 20-Pack |
| PTACMT0005 | Metric — Pad Mount Driers | Each |
| PTACMT0188 | For Denso 10PA15C — #8 Discharge Port | Each |
| PTACMT0242 | 7/16"— 20 Switch Port / Sanden Drain Plugs | Each |
| PTACMT0237 | #6 Standard Hose — Ford #6 Standard Springlock — Seltec Drain Plug | Each |
| PTACMT0250 | #8 Standard Hose — Ford #8 Standard Springlock | Each |
| PTACMT0258 | #10 Standard Hose — Ford #10 Standard Springlock — York / Tecumseh Tube-O Fitting Seal | Each |
| PTACMT0158 | For Sanden Compressor — WV Head — Suction | 20-Pack |
| PTACMT0342 | #12 (3/4") Dual / GM | 20-Pack |
| PTACMT0234 | #6 P-Nut (1.03" Wall) / Ford | 20-Pack |
| PTACMT0235 | 7 mm × 2.21 mm / Sprinter Van | 20-Pack |
| PTACMT0243 | #8 P-Nut (1.03" Wall) / Ford | 20-Pack |
| PTACMT0261 | #12 P-Nut (1.03" Wall) / Ford | 20-Pack |
| PTACMT0267 | #12 Standard Hose — Ford #12 Standard Springlock — Vir Outlet | 20-Pack |

## A/C SERVICE KIT COMPONENTS, continued

| PN | DESCRIPTION / APPLICATION | STANDARD PACKAGE |
|---|---|---|
| PTACMT0273 | 24 mm — Compressor Suction / Sprinter Van | 20-Pack |
| PTACMT0641 | Lathe Cut Seal — York / Tecumseh — Sanden Roto Lock Fitting | 10-Pack |
| PTACMT1471 | 7 mm × 1.78 mm / Sprinter Van | 20-Pack |
| PTACMT1473 | 10 mm — Exp Valve / Sprinter Van | 20-Pack |
| PTACMT1474 | 13 mm — Compressor Discharge & Condenser Sprinter Van | 20-Pack |
| PTACMT1702 | 22 mm — Suction Line Sprinter Van | 20-Pack |
| PTACMT0063 | Schrader Type — M8X1.0 — Low Side | 5-Pack |
| PTACMT0069 | Schrader Type — M10X1.0 — Hi-Side | 5-Pack |
| PTACMT0193 | Aeroquip Style — M10 Hi-Side | 5-Pack |
| PTACMT8009 | #4 (5/16") Copper Flare Washer | Each |
| PTACMT8000 | #6 (3/8") Copper Flare Washer | Each |
| PTACMT8001 | #8 (1/2") Copper Flare Washer | Each |
| PTACMT8002 | #10 (5/8") Copper Flare Washer | Each |
| PTACMT8003 | #12 (3/4") Copper Flare Washer | Each |
| PTACMT0067 | Schrader Type — M10X1.25 (JRA) — Hi-Side | 5-Pack |
| PTACMT0061 | Schrader Type — M9X1.0 (JRA) — Low Side | 5-Pack |
| PTACMT0062 | Eaton Style Cap M8 — 13 mm | 5-Pack |
| PTACMT0068 | Eaton Style Cap M10 — 16 mm | 5-Pack |
| PTACMT0192 | Aeroquip Style — M8 Low Side | 5-Pack |
| PTACMT1544 | Schrader Type / Sprinter Van | 5-Pack |
| PTACMT0301 | Schrader Type / Volvo | 5-Pack |
| PTACMT0050 | Eaton Style — M8 — 13 mm Hi Flow Valve Core (Hi-Side) | 5-Pack |
| PTACMT0064 | Standard Valve Core — R12 & R134A | 20-Pack |
| PTACMT0058 | Hi Flow R12 & R134a / GM | 5-Pack |
| PTACMT0059 | JRA — Hi Flow Valve Core | 5-Pack |
| PTACMT0065 | Eaton Style — M10 —16 mm Hi Flow Valve Core (Low Side) | 5-Pack |
| PTACMT0334 | #10 Captive (.095" Wall) / GM | 20-Pack |
| PTACMT0162 | #10 Metric — Springlock | 20-Pack |
| PTACMT1426 | #8 (11.23 mm ID) Stat Seal | Each |
| PTACMT1322 | Sealing Washer — Kit Discharge & Suction / Navistar — Sanden WG Head | Each |
| PTACMT0121 | Sealing Washer 5/8" Thin GM Compressor Port | 10-Pack |
| PTACMT0120 | Sealing Washer 3/4" Thin GM Compressor Port | 10-Pack |
| PTACMT2161 | Sealing Washer 5/8" & 3/4" Thin (Kit of 2) GM Compressor Port | Each |
| PTACMT2170 | Sealing Washer 5/8" Thin (Kit of 2) GM Compressor Port | Each |
| PTACMT0145 | Schrader Type GM / Ford Low Side Service Port | 2-Pack |
| PTACMT0628 | All Condenser Mount — VOV Upgrade | Each |
| PTACMT0629 | All Evaporator Mount — VOV Upgrade | Each |

## RECOVERY, RECYCLING, & RECHARGING MACHINES

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  COMMANDER2000  ROB-34788NI | COMMANDER1000 | Commander 1000 A/C Recovery Machine | Mastercool |
| | COMMANDER2000 | Commander 2000 A/C Recovery Machine | Mastercool |
| | COMMANDER3000 | Commander 3000 A/C Recovery Machine | Mastercool |
| | COMMANDER4000 | Commander 4000 A/C Recovery Machine | Mastercool |
| | COMMANDER4000X | Commander 4000X A/C Recovery Machine | Mastercool |
| | ROB-34788NI | Premier R-134A Refrigerant Recovery, Recycling, & Recharging Machine | Robinair |
| | ROB-17800B | Refrigerant Recovery, Recycle, Evacuate & Recharge Machine | Robinair |
|  ROB-17800B  ROB-34988NI | ROB-34288 | Cool-Tech 34288 | Robinair |
| | ROB-34411-E | A/C Capacities Database | Robinair |
| | ROB-34788NI-H | Premier R-134A Refrigerant Recovery, Recycling & Recharging Machine for Hybrid & Non-Hybrid Vehicles | Robinair |
| | ROB-34988NI | Premium A/C RRR Machine | Robinair |
| | ROB-AC1234-6 | SAE-Standard ACS Machine | Robinair |
| | 69100 | Complete A/C Recovery System — Mobile | Mastercool |

## REFRIGERANT IDENTIFIERS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  ROB-16910 | ROB-16910 | Refrigerant Identifier Plus w/ Air Purge | Robinair |

## ELECTRONIC LEAK DETECTORS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  56100 | 56100 | Electronic Leak Detector | Mastercool |
| | 53517-UV | Compact UV Flashlight | Mastercool |
| | 55900 | Intellasense II Refrigerant Leak Detector | Mastercool |
| | ATD-3697 | Electronic Leak Detector | ATD |
| | CPS-LDA1000UV | Pro-Set® Refrigerant Leak Detector w/ UV Mini Light | CPS |
|  ROB-22791 | CPS-LS790B | Leek-Seeker® Microcomputer Controlled Refrigerant Leak Detector | CPS |
| | ROB-22791 | InfraRed Refrigerant Leak Detector | Robinair |
| | TIF-XL-1A | A/C Refrigerant Leak Detector | TIF |
| | TIF-XP-1A | MPC Style Multi-Gas Refrigerant Leak Detector | TIF |
| | TIF-ZX | Heated Pentode® Refrigerant Detector | TIF |

## LEAK DETECTION KITS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  53451-110 | 53451-110 | Rechargeable UV Flashlight Kit, 110V Charger | Mastercool |
|  HBF-TP-8657HD | HBF-TP-8657HD | Complete OPTI-PRO™ Plus/EZ-Ject™ Heavy-Duty A/C & Fluid Kit | Tracerline |
| | HBF-TP8621 | Complete LeakFinder™ Kit | Tracerline |
| | ROB-16235 | UV Leak Detection Kit | Robinair |
|  UVW-414500A | UVW-414500A | Spotgun Micro-Lite A/C ExteDye Leak Detection Kit | UView |
| | UVW-471500A | Spotgun Injection System Kit w/ A/C Dye | UView |

## VACUUM PUMP ACCESSORIES

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  ROB-13203  ROB-13204 | ROB-13119 | Vacuum Pump Oil | Pint | Robinair |
| | ROB-13203 | Vacuum Pump Oil | Quart | Robinair |
| | ROB-13204 | Vacuum Pump Oil | Gallon | Robinair |

## VACUUM PUMPS


90066-B


ATD-3456

| PN | DESCRIPTION | CFM | HP | STAGE | BRAND |
|---|---|---|---|---|---|
| 90066-B | Economy Vacuum Pump | 6 CFM | | Single | Mastercool |
| 90059 | Vacuum Pump | 1.5 CFM | 1/6 hp | Single | Mastercool |
| ATD-3451 | Vacuum Pump | 1.8 CFM | 1/4 hp | Single | ATD |
| ATD-3453 | Vacuum Pump | 5 CFM | 1/4 hp | Single | ATD |
| ATD-3456 | Vacuum Pump | 6 CFM | 1/3 hp | Single | ATD |
| ROB-15115 | Vacuum Pump | 1.5 CFM | 1/5 hp | Single | Robinair |
| ROB-15310 | Vacuum Pump | 3 CFM | 1/4 hp | Single | Robinair |
| ROB-15510 | Vacuum Pump | 5 CFM | 1/2 hp | Single | Robinair |
| ROB-15600 | Vacuum Pump R-12/R-134a | 6 CFM | | Double | Robinair |

## MANIFOLD GAUGES & ACCESSORIES


89661-UV


82834

| PN | DESCRIPTION | BRAND |
|---|---|---|
| 89661-UV | R134a Aluminum Manifold, 60" Hoses, Manual Couplers & 10 Application Mini Dye Injector | Mastercool |
| 82834 | Manual Coupler (High Side) R134a | Mastercool |
| 82934 | Manual Coupler (Low Side) R134a | Mastercool |
| 66773 | R12/R134a Dual Brass A/C Manifold Gauge Set | Mastercool |
| ATD-3696 | Deluxe Dual R134a/R12 Aluminum A/C Manifold Gauge Set | ATD |
| ATD-3693 | R12/R134a Economy Manifold Gauge Set | ATD |
| ATD-3694 | R12/R134a Brass Manifold Gauge Set | ATD |
| ATD-3695 | R12/R134a Dual Aluminum A/C Manifold Gauge Set | ATD |
| ROB-48134B | R12/R134a Brass Manifold, Hose Set & Service Couplers | Robinair |
| ROB-49134B | R12/R134a Aluminum Manifold, Hose Set & Service Couplers | Robinair |

## REFRIGERANT SCALES


98210-A


ATD-3637

| PN | DESCRIPTION | BRAND |
|---|---|---|
| 98210-A | Accu-Charge II™ Programmable Refrigerant Scale | Mastercool |
| ATD-3637 | Accu-Charge II™ / Electronic Charging Scale | ATD |
| TIF-9010A | Slimline Refrigerant Scale | TIF |

## THERMOMETERS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  52224-A-SP  ATD-3407 | 52224-A-SP | 12:1 Infrared Thermometer w/ Laser w/ Free 52220 | Mastercool |
| | ATD-3407 | 1-3/4" Dial Thermometer | ATD |
| | ATD-3406 | 1" Dial Thermometer | ATD |
| | ATD-3412 | Digital Thermometer | ATD |
| | ROB-10945 | 1-3/4" Face Dial Thermometer | Robinair |

## FLUSH KITS & ACCESSORIES

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  ATD-3545  91050 | ATD-3545 | A/C System Flush Kit | ATD |
| | 91050 | 17 oz Total A/C Quick Flush Refill Can | Mastercool |
| | 91051 | 17oz Total A/C Quick Flush Kit | Mastercool |

## TESTING TOOLS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  ATD-1101 | ATD-1101 | Pocket Antifreeze & Coolant Tester w/ Pouch | ATD |
| | ATD-1105 | Deluxe Antifreeze & Coolant Tester | ATD |
| | ATD-1106 | Professional Antifreeze & Coolant Tester | ATD |

## HAND TOOLS / OTHER A/C

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  ATD-3404 AST-78585   ATD-3300  ATD-3305 | ATD-3404 | Condenser Fin Straightener | ATD |
| | AST-78585 | Radiator Pressure Tester & Vacuum Type Cooling System Kit w/ 78581 Adapter | |
| | ATD-3300 | Universal Cooling System Pressure Test Kit | ATD |
| | ATD-3305 | Radiator Pressure Tester Update Kit, 10-piece | ATD |

## HAND TOOLS / OTHER A/C, continued



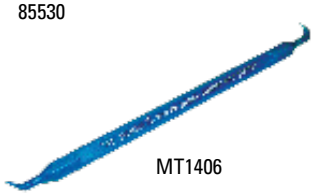
82375



85510



85530



MT1406

| PN | DESCRIPTION | BRAND |
|---|---|---|
| 82375 | R134a Oil Injector | Mastercool |
| 85510* | R134a Can Tap Valve — Screw-On Model (US Standard) | Mastercool |
| 85530* | 3-In-1 Side Mount Can Tap Valve (US Standard) | Mastercool |
| MT1406 | O-Ring Pick — Nylon | Santech |
| ATD-3630 | A/C Clutch Hub Puller Installer Kit | ATD |
| ATD-3638 | Universal Large Bore A/C Valve Core Remover / Installer | ATD |
| ATD-3639 | No Gas Loss R134a A/C Valve Core Remover / Installer | ATD |
| ATD-3705 | Coolant Refractometer | ATD |
| ATD-5463 | Bubble (ISO) Flaring Tool Kit | ATD |
| ATD-5464 | Double Flaring Tool Kit | ATD |
| ATD-906 | Hose Cutter | ATD |
| ATD-909 | Heavy-Duty Ratchet Hose Cutter | ATD |
| 34724 | Spin-on Filter-Drier, 17 & 34 Recyclers | Robinair |
| ROB-75240 | Coolant & Battery Refractometer | Robinair |

* Item not sold in CA

## ANTIFREEZE / COOLANT

### HEAVY DUTY EXTENDED LIFE† — RED

**A premium quality Nitrite Organic Acid Technology (NOAT) ethylene glycol-based fluid. Specially formulated with industry leading additives, this product provides extended service maintenance protection in heavy duty applications, without the addition of SCAs.**

- Extended service life of 600,000 miles on-road 6 years or 12,000 hours of off-road use*
- Offers excellent wet sleeve liner cavitation protection, with a nitrite and molybdate additive combination
- Contains better heat transfer properties than conventional coolants requiring SCAs
- Eliminates maintenance with no SCAs required
- Provides maximum freeze and boil-over protection
- Free of phosphates, silicates and amines
- Extended life corrosion protection for steel, solder, copper, iron, brass and aluminum
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets
- Compatible with all major American brands of extended life Organic Acid Technology (OAT)-type coolant/antifreeze




PPAF-2301M

| PROPERTY | ASTM METHOD | CONCENTRATE | 50/50 |
|---|---|---|---|
| Glycols Content, mass % | GC | 93 | 47 |
| Bittering Agent (yes/no) | | Yes | Yes |
| Water Content mass %. | D1123 | 2 | 50.5 |
| Specific Gravity @ 60°F | D1122 | 1.122 | 1.075 |
| Flash Point | D97 | 240°F (116°C) | N/A |
| pH | D1287 | 8.7 | 8.5 |
| RA | D92 | 4.5 | 2.8 |
| Storage Stability | | 5 years | 5 years |
| Effect on Non-Metals | D92 D1882 | No Effect | No Effect |
| Cavitation Erosion Rating | D2809 | 8 mln | 8mln |
| Foam Test, ml/sec | D1881 | <50/3 | <50/3 |
| Fluid Color | Visual | Red | Red |
| Coolant/Antifreeze % 40/60 Freeze Point | D1177 | -24°F (-12°C) | N/A |
| Coolant/Antifreeze % 50/50 Freeze Point | D1177 | -34°F (-36°C) | -34°F (-36°C) |
| Coolant/Antifreeze % 60/40 Freeze Point | D1177 | -62°F (-52°C) | N/A |
| Coolant/Antifreeze % 40/60 Boil Point | D1120 | 221°F (105°C) | N/A |
| Coolant/Antifreeze % 50/50 Boil Point | D1120 | 226°F (108°C) | 226°F (108°C) |
| Coolant/Antifreeze % 60/40 Boil Point | D1120 | 234°F (108°C) | N/A |
| Ash Content | D1119 | <5.0 | <2.5 |
| Chloride(mg/L) | D3634 | <25 | <25 |
| Silicate (SO3) (Mg/L) as SiO3 | D6130 | <10 | <10 |

| PN | DESCRIPTION | SIZE |
|---|---|---|
| PPAF-2301C | Concentrate | 1 gallon |
| PPAF-2301M | 50/50 Premix | 1 gallon |

* HD Extender may be needed based on test results.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# ANTIFREEZE / COOLANT

## UNIVERSAL† — GREEN

**A premium ethylene glycol-based fluid specially formulated with industry-leading additives to provide optimum performance in all gasoline, and light and heavy duty diesel engines*.**

- Protects against corrosion of all cooling system metals, including aluminum
- Provides maximum freeze and boil-over protection
- Designed for use in passenger cars, and light duty and heavy duty vehicles*
- Ideal for conventional antifreeze applications
- Low silicates
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets.
- Compatible with all major American brands of conventional coolants




PPAF-2101M

| PROPERTY | ASTM METHOD | CONCENTRATE | 50/50 |
|---|---|---|---|
| Glycols Content, mass % | GC | 96 | 48 |
| Bittering Agent (yes/no) | | Yes | Yes |
| Water Content mass %. | D1123 | 2.5 | 51 |
| Specific Gravity @ 60°F | D1122 | 1.119 | 1.072 |
| Flash Point | D97 | 240°F (116°C) | N/A |
| pH | D1287 | 10.8 | 10.5 |
| RA | D92 | 5.0 | 2.5 |
| Storage Stability | | 1 year | 1 year |
| Effect on Non-Metals | D1882 | No Effect | No Effect |
| Cavitation Erosion Rating | D2809 | 8 mln | 8mln |
| Foam Test, ml/sec | D1881 | <75/3 | <75/3 |
| Fluid Color | Visual | Flor Green | Flor Green |
| Coolant/Antifreeze % 40/60 Freeze Point | D1177 | -24°F (-12°C) | N/A |
| Coolant/Antifreeze % 50/50 Freeze Point | D1177 | -34°F (-36°C) | -34°F (-36°C) |
| Coolant/Antifreeze % 60/40 Freeze Point | D1177 | -62°F (-52°C) | N/A |
| Coolant/Antifreeze % 40/60 Boil Point | D1120 | 221°F (105°C) | N/A |
| Coolant/Antifreeze % 50/50 Boil Point | D1120 | 226°F (108°C) | 226°F (108°C) |
| Coolant/Antifreeze % 60/40 Boil Point | D1120 | 234°F (112°C) | N/A |
| Ash Content | D1119 | <5.0 | <2.5 |
| Chloride (mg/L) | D3634 | <25 | <25 |
| Silicon Content (Mg/L) | D6130 | <250 | <250 |

| PN | DESCRIPTION | SIZE |
|---|---|---|
| PPAF-2101C | Concentrate | 1 gallon |
| PPAF-2101M | 50/50 Premix | 1 gallon |

* Conventional formulation can be used with the addition of SCA (Supplemental Coolant Additives) in heavy duty vehicles. Consult your owner's manual for recommendations.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DEFENDAL® HEAVY DUTY PRE-CHARGED ANTIFREEZE/COOLANT†

**DefendAL® Heavy Duty Pre-Charged is your cooling system's best defense:**

- Contains nitrites for superior wet sleeve liner cavitation protection
- Provides maximum freeze and boil-over protection
- Designed for heavy duty applications, yet can be used in automotive applications where conventional technology coolants are acceptable
- Phosphate-free with low silicates
- Effective, long-term corrosion protection for steel, solder, copper, iron, brass and aluminum
- High-quality defoamer system, nonharmful to hoses, plastics or gaskets
- Compatible with all major American brands of conventional coolants, with and without the addition of SCAs*
- Appropriate for use in on- and off-road diesel engines, as well as in stationary engine applications where a conventional pre-charged coolant is required.



10849

| PROPERTY | ASTM METHOD | CONCENTRATE | 50/50 |
|---|---|---|---|
| Glycols Content, mass % | GC | 96.5 | 49 |
| Bittering Agent (yes/no) | | Yes | Yes |
| Water Content, mass % | D1122 | 2 | 50 |
| Corrosion Inhibitor System, mass % | | 2 | 1 |
| Specific Gravity @ 60ºF | D1122 | 1.125 | 1.075 |
| Flash Point | D97 | 240°F (116°C) | N/A |
| pH | D1287 | 10.8 | 10.5 |
| RA | D92 | 5.6 | 2.8 |
| Storage Stability | | 1 year | 1 year |
| Effect on Non-Metals | D1882 | No Effect | No Effect |
| Cavitation Erosion Rating | D2809 | 8 min | 8 min |
| Foam Test, ml/sec | D1881 | <50/3 | <50/3 |
| Fluid Color | Visual | Fuchsia | Fuchsia |
| Coolant/Antifreeze % 40/60 Freeze Point | D1177 | -24°F (-12°C) | N/A |
| Coolant/Antifreeze % 50/50 Freeze Point | D1177 | -34°F (-36°C) | -34°F (-36°C) |
| Coolant/Antifreeze % 60/40 Freeze Point | D1177 | -62°F (-52°C) | N/A |
| Coolant/Antifreeze % 40/60 Boil Point | D1120 | 221°F (105°C) | N/A |
| Coolant/Antifreeze % 50/50 Boil Point | D1120 | 226°F (108°C) | 226°F (108°C) |
| Coolant/Antifreeze % 60/40 Boil Point | D1120 | 234ºF (112ºC) | N/A |
| Ash Content | D1119 | <5.0 | <2.5 |
| Chloride (mg/L) | D3634 | <25 | <25 |
| Silicon Content (mg/L) | D6130 | <250 | <125 |
| Nitrite Content (mg/L) | D5827 | 2550 | 1250 |
| Nitrate Content (mg/L) | D5827 | 600 | 300 |

| PN | DESCRIPTION | SIZE |
|---|---|---|
| 10849 | Concentrate | 1 gallon |
| 10125 | 50/50 Premix | 1 gallon |

* HD Extender may be needed based on test results.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RADIATORS — FOR FREIGHTLINER

NEW, NO CORE


PP0437601P


PP0437249P


PP0437194P


PP0437248P


PP0437157P


PP0437398P


PP0437431P

| PN | APPLICATIONS |
|---|---|
| PP0437601P | 2004-2007 Freightliner Columbia CL, Century ST &<br>2004-2007 Freightliner M2 112 |
| PP0437249P | 2013-2015 Freightliner Cascadia PX &<br>2008-2012 Freightliner Cascadia PX, Columbia CL, Century ST |
| PP0437194P | 2001-2004 Sterling Acterra Q Model<br>1997-2004 Freightliner FL50-60-70-80 N Model<br>1997-2004 Freightliner FS65 K Chassis |
| PP0437248P | 2013-2015 Freightliner Cascadia PX<br>2008-2012 Freightliner Cascadia PX, Columbia CL, Century ST |
| PP0437157P | 2004-2007 Sterling A, L Line 9000 Series Y Model<br>1996-2001 Freightliner Century C Model<br>2003-2007 Freightliner Classic, Classic XL<br>2002-2007 Freightliner Columbia CL, Century ST |
| PP0437398P | 2003-2007 Freightliner Classic, Classic XL<br>2004-2007 Freightliner FLD120<br>2007 Freightliner FLD120SD<br>2004-2007 Sterling A9500, AT9500, L9500, LT9500 |
| PP0437368 | Freightliner Century, FLD112, FLD120, FLD132 |
| PP0437431P | 2004-2007 Freightliner Columbia CL, Century ST<br>2004-2007 Freightliner M2 112 |

## RADIATORS — FOR VOLVO/MACK

NEW, NO CORE


PP0437161P


PP0437432P


PP0437435P


PP0437155P


PP0437193P

| PN | APPLICATIONS |
|---|---|
| PP0437161P | 1998-2003 Volvo VN Series, Manual Transmission<br>2006-2006 Volvo VT Series, Manual Transmission |
| PP0437432P | 2003-2008 Volvo VN Series, w/ Automatic Transmission |
| PP0437435P | 2008-2016 Mack CXU Vision<br>2008-2016 Volvo VN Series |
| PP0437155P | 1995-2004 Mack CH Series |
| PP0437193P | 2002-2007 Mack CV Granite<br>1998-2004 Mack RD Series |
| PP0437224 | 1996-2007 Mack LE Series |
| PP0437225 | 1999-2007 Mack MR Series |

## RADIATORS — FOR INTERNATIONAL/NAVISTAR

NEW, NO CORE

| | PN | APPLICATIONS |
|---|---|---|
|  PP0437403P  PP0437307P | PP0437403P | 2003-2007 International Eagle 9200i-9400i<br>2003-2007 International Eagle 9900i-ix<br>2003-2007 International TranStar 8600 Series |
| | PP0437307P | 2004-2011 International / Navistar 9100I,<br>9200I, 9400I, 9900I, PayStar, ProStar, TranStar |
|  PP0437121P  PP0437389P | PP0437121P | 1994-2003 International 2554-2654<br>1994-2003 International 2574-2674<br>1998-2003 International Eagle 9100i<br>1993-2003 International Eagle 9200i-9400i<br>1994-1999 International Eagle 9300<br>1999-2003 International Eagle 9900i-ix<br>1996-2003 International PayStar 5000 Series<br>1994-1998 International TranStar 8200<br>2003-2007 International WorkStar 7000 Series |
| | PP0437389P | International / Navistar 3800, 4100, 4200, 4300, 4400 |
| PP0437325S   PP0437411P | PP0437325S | 1995-2003 International 1652 Stripped Chassis 1996-2004<br>International 3800 Bus Half Core T444E Engine<br>1994-2002 International 4700-4800-4900 Half Core |
| | PP0437411P | 2002-2007 International WorkStar 7000 Series |
| | PP0437331S | 1994-2002 International / Navistar 3800, 4600, 4700, 4800, 4900 |
| PP0437331S   PP0437306P | PP0437306P | 2004-2008 International PayStar 5000 Series |

## RADIATORS — FOR PETERBILT/KENWORTH

| | PN | APPLICATIONS | |
|---|---|---|---|
|  PP0437362  PP0437598  PP0437396 | PP0437362 | 1995-2007 Kenworth T600 | 1995-2007 Kenworth T800 |
| | PP0437598 | 1995-2007 Kenworth W900 | |
| | PP0437396 | 1995-2002 Peterbilt 357-385<br>1995-2001 Peterbilt 377 | 1995-2007 Peterbilt 378-379 |
| PP0437442P   PP0437441P | PP0437442P | 2011-2014 Peterbilt 367<br>2008-2015 Peterbilt 388-389 | 2015-2015 Peterbilt 567<br>2008-2014 Kenworth W900 |
| | PP0437441P | 2008-2010 Peterbilt 335<br>2008-2015 Peterbilt 365<br>2008-2014 Peterbilt 367 | 2015-2015 Peterbilt 567<br>2008-2015 Kenworth T800<br>2014-2015 Kenworth T880 |
|  PP0437440P  PP0441314 | PP0437440P | 2008-2014 Peterbilt 367<br>2008-2011 Peterbilt 387<br>2015-2015 Peterbilt 567<br>2013-2016 Peterbilt 579 | 2011-2015 Peterbilt 587<br>2008-2011 Kenworth T2000<br>2011-2013 Kenworth T700 |
| | PP0441314 | 2008-2010 Peterbilt 335<br>2008-2015 Peterbilt 365<br>2008-2014 Peterbilt 367 | 2015-2015 Peterbilt 567<br>2008-2015 Kenworth T800<br>2014-2015 Kenworth T880 |

## RADIATORS — BUSES — COPPER/BRASS†

| PN | APPLICATION | COMMON OEM PN |
|---|---|---|
| PP0437227 | For Mack 1999-2007 MR with AI Engine, w/ PTO | 3MF5530 |
| PP0437224 | For Mack 2000-2007 LE with AI Engine, w/ PTO | 3MF5535 |
| PP0437225 | For Mack 1999-2007 MR, w/ PTO | 3MF5540 |
| PP0437230S | For Mack 2007-2011 LEU, w/ PTO | 3MF5568M |
| PP0437229S | For Mack 2007-2011 MRU, w/ PTO | 3MF5578M |
| PP0437231S | For Mack 2007-2011 MRU, w/ PTO | 3MF5582M2 |
| PP0437232S | For Mack 2007-2011 LEU, w/ PTO | 3MF5584M |
| PP0437298 | For Peterbilt 1993-2007 Model 320, w/o PTO | 0706254A016 |
| PP0437299 | For Peterbilt 1993-2007 Model 320, w/ PTO | 0706254A017 |
| PP0437385S | For Freightliner 2003-2007 Condor LC, w/o PTO | A0520667000 |
| PP0437386S | For Freightliner 2003-2007 Condor LC, w/ PTO | A0520667002 |
| PP0437216 | For Autocar 1999-2008 Expeditor WX, w/ PTO | A2000003001 |
| PP0437466 | For Autocar 1996-2007 Expeditor WX, w/ PTO | A2000007001 |
| PP0437467 | For Autocar 2003-2009 Expeditor WX, 09-10 ACX w/ PTO | A2000061001 |

## RADIATORS — REFUSE†

| PN | APPLICATION | CONSTRUCTION |
|---|---|---|
| PP0437217P | For 2004-2015 Bluebird Vision | Plastic / Aluminum |
| PP0437183P | For Bluebird — Various Years, Various Models | Plastic / Aluminum |
| PP0437290P | For 2007-2011 Freightliner B2 Bus Chassis MK Model | Plastic / Aluminum |
| PP0437303S | For 1995-2003 International / Navistar 1652 Stripped Chassis | Copper / Brass |
| PP0437303S | For 1996-2004 International / Navistar 3800 Bus Half Core T444E | Copper / Brass |
| PP0437303S | For 1994-2002 International / Navistar 4700-4800-4900 Half Core | Copper / Brass |
| PP0437321S | For International / Navistar 2007-2011 Half Core | Copper / Brass |
| PP0437321S | For International / Navistar 1993-2007 Model 320, w/o PTO | Copper / Brass |
| PP0437300S | For 1990-1994 International / Navistar 4700-4800-4900 Half Core | Copper / Brass |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RADIATOR CAPS

| | PAI PN | GATES PN | APPLICATION |
|---|---|---|---|
| | ERC-8380 | | Radiator Cap 13Mf250 7 psig — 2-5/8" Neck |
| | ERC-8381 | | Radiator Cap 16Mf256 10 lb. — 2-5/8" Neck |
| | ERC-8382 | | Radiator Cap 16Mf263 10 psig — 2-5/8" Neck |
| | ERC-8383 | | Ch-Model Radiator Cap 16Mf264 10g |
| | ERC-8394 | | Recovery Tank Cap 3150-063415 |
| | | 10237 | Radiator Cap Frtlnr Perfection |
| | | 10328 | Radiator Cap 7# |
| | | 10329 | Radiator Cap 13# |
| | | 10330 | Radiator Cap 16# |
| | | 10337 | Radiator Cap 10# |
| | | 31307 | 1947-1941 Ford Pickup 6-Cyl 226 Radiator Cap |
| | | 31308 | 1978-1970 John Deere 6600 Cyl 329 Radiator Cap |
| | | 31309 | 1977-1976 Case 1570 6Cyl 504 Dsl Radiator Cap |
| | | 31348 | 1994-1993 White 6125 Cum 6Cyl 359 Radiator Cap |
| | | 31349 | 2000-1990 Frtl Det Dsl 6Cyl 12.7L Radiator Cap |
| | | 31350 | 2009-00 Ken W900 Cat C15 Diesel Radiator Cap |
| | | 31367 | Radiator Cap and Cooling System Analyzer Kit |
| | | 31378 | 2014-02 Nissan Altima 4Cyl 2.5L Cap Adpt |
| | | 31406 | 2008-1997 Frd F Series Pu V8 5.4L Tnk Cp |
| | | 31412 | 2014-2003 Honda Accord 4Cyl 2.4L Radiator Cap |
| | | 31428 | 2014-02 Nissan Altima 4Cyl 2.5L Sys Adpt |
| | | 31429 | Radiator Cap Adapter OD B Size — 2-11/16" Neck |
| | | 31508 | 1998-1980 Ford F700 V8 7.0L Radiator Cap |
| | | 31511 | 1996-1980 Ford F Sers Pu V8 5.0L Radiator Cap |
| | | 31516 | 2000-1980 Chev C&K Sr Pu V8 5.7L Radiator Cap |
| | | 31518 | 2014-03 Dodge Ram Ser Pu V8 5.7L Radiator Cap |
| | | 31520 | 1982 Cadillac Deville V8 4.1L Radiator Cap |
| | | 31521 | 1990-1980 GMC C7000 V8 6.0L Radiator Cap |
| | | 31522 | 2009-01 Dodge Durango V8 4.7L Radiator Cap |
| | | 31523 | 2000-1980 Chev C&K Series PU V8 5.7L Radiator Cap |
| | | 31526 | 1998-1980 Ford F700 V8 7.0L Radiator Cap |
| | | 31527 | 1996-1980 Ford F Series PU V8 5.0L Radiator Cap |
| | | 31528 | 2014-03 Dodge Ram PU V8 5.7L Radiator Cap |
| | | 31532 | 2010-1999 Chev Silv PU V8 5.3L Radiator Cap |
| | | 31567 | 2007-02 Int/Nav 4300 Dt466 Dsl Radiator Cap |



31307



31309



31348



31521



31528



31367

Contains all the components to check cooling systems and radiator caps

# THERMOSTATS

## THERMOSTATS — GATES

| | PN | APPLICATION |
|---|---|---|
|  33578 | 33179 | Therm 2003-1990 Int/Nav 4900466 Diesel |
| | 33189 | Therm 2003-1991 Linc Town Car V8 4.6L |
| | 33208 | Therm 1999-1990 Volks Jetta 4Cyl 2.0L |
| | 33329 | Therm 2005-1994 Buick Cent V6 3.1L |
| | 33469 | Therm 2010-1997 Ford F Ser Pu V8 5.4L |
|  33579 | 33508 | Therm 2007-1986 Ford Taurus V6 3.0L |
| | 33576 | Therm 2007-2000 Pbilt 379 Cat C15 Diesel |
| | 33577 | Therm 2007-2000 Pbilt 379 Cat C15 Diesel |
| | 33578 | Therm 2007-2000 Pbilt 379 Cat C15 Diesel |
| | 33579 | Therm 2007-2000 Pbilt 379 Cat C15 Diesel |
|  33599 | 33587 | Thermostats |
| | 33599 | Therm 2009-1990 Frtl Det Diesel 6Cyl 12.7L |
| | 33601 | Therm 2000-1994 Dge Ram Pu V10 8.0L Seal |
| | 33909 | Therm 2003-1996 Frd Sduty Pu V8 7.3L Diesel |
| | 33910 | Therm 2006-1999 Chev Silvrado Pu V8 5.3L |

| PN | APPLICATION |
|---|---|
| 33956 | Therm 2007-1998 Dge Ram Pu 6Cyl 5.9L Diesel |
| 33957 | Therm 2003-1990 Int/Nav 4900 Dt466 Diesl |
| 33959 | Therm 2005-1998 Frlr Fl70 Cummin Isc Diesel |
| 33966 | Therm 2005-1998 Frtr Fl70 Cummin Isc Diesel |
| 33968 | Therm 2004-1995 Frtlnr Fl70 Cat 3126 Diesel |
| 33969 | Therm 2004-1995 Frtlnr Fl70 Cat 3126 Diesel |
| 34053 | Therm 2014-2003 Dodge Ram Pu V8 5.7L |
| 34148 | Therm 2009-2000 Vlv Vn Srs Cummn Isx Diesel |
| 33009S | Therm 2007-1986 Ford Taurus V6 3.0L |
| 3049000 | Therm Cummins Detroit Diesel 160 Deg |
| 3076489 | Therm Cummins Detroit Diesel 180 Deg |
| 3802968 | Therm Cummins 5.9 180 Deg |
| 3928639 | Therm Cummins 6C 8.3L Diesel |
| 4318947 | Therm Cummins Isx 6Cyl 180 Deg |

## THERMOSTATS — PAI

| PN | APPLICATION |
|---|---|
| CAP381850 | Thermostat (180) |
| CAP381851 | Thermostat (190) |
| CUP131289 | Seal, Thermostat Repl 186780 |
| CUP181830 | Kit, Thermostat |
| CUP181838 | Thermostat |
| CUP181839 | Thermostat |
| CUP181840 | Thermostat |
| CUP181841 | Thermostat 3064455 187 Deg Lfc Engine |
| CUP181842 | Thermostat |
| CUP181844 | Kit, Thermostat |

| PN | APPLICATION |
|---|---|
| CUP181860 | Thermostat |
| CUP181884 | Kit, Thermostat |
| CUP181887 | Thermostat (180) Cummins 4973373 |
| DDP681849 | Kit, Thermostat (180) |
| DDP681850 | 190 De Thermostat Kit 23532436 |
| EAS-3295-180 | Thermostat Kit 180 De 215Sb165bp3 |
| ETK-3299 | Thermostat |
| NAP481832 | 190 De Thermostat Kit 1830256C93 |
| PAP801160 | Kit, Thermostat |

## WATER PUMPS

NEW, NO CORE

- Gates Water Pumps are constructed with premium alloy materials
- Each pump undergoes a 100% functional test of seals and bearings, and a 100% leakage test for both the casting and assembled water pump





| GATES PN | APPLICATION |
|---|---|
| 41181 | WP 1994-1998 Dodge Ram PU 6-Cycle 5.9 L |
| 42005 | Wp1993-1998 Jeep Grand Cherokee 6-Cycle 4.0 L |
| 42057 | WP 1965-1977 Ford F Series PU 6-Cycle 300 |
| 42070 | WP 1980-1982 Ford F Series PU 6-Cycle 4.9 L |
| 42291 | WP 2007-2012 Dodge Ram Sres PU 6-Cycle 6.7 L |
| 43084 | WP 1991-1993 Ford F800 Ford 6-Cycle 7.8 L DI |
| 43526 | WP 98-09 Dodgeram PU 6-Cycle 5.9 L Diesel |
| 41111HD | WP 1980-1985 Pblt 359 Cummins 6-Cycle 14.0 L |
| 41174HD | WP 1985-1990 Freight Flc Cummins 6-Cycle 14 L |
| 42146HD | WP 98-05 Frght- Fl70- Cummins Isc Diesel |
| 42318HD | WP 95-02 Intnav4700- Intnav DT466 Diesel |
| 42352HD | WP 1993-1997 Ford Ln8000, Cummins C8.3l |
| 43226HD | WP 1973 Mack Dmm Series 6-Cycle 672 Diesel |
| 43233HD | WP 1971-1989 Ford Ln8000 Cat 3208 Diesel |
| 43307HD | WP 1997-1995 Frght-Fld-Cummin M11 Diesel |
| 43325HD | WP 02-08 Intnav 4300-Intnav Dt466 Diesel |
| 43545HD | WP 1997-2001 Int/Nv 4700 Int/Nv T444 Diesel |
| 43554HD | WP 2005-2009 Bbird Vision Cat C7 Diesel |
| 44051HD | WP 2000 Peterbilt 377- Cat C15 Diesel |
| 44052HD | WP 91-03 Frght- Fld - Cummins N14 Diesel |
| 44053HD | WP 1988-1989 In/Nv 1654 In/Nv V8 7.3 L DI |
| 44054HD | WP 2000-1993 Peterbilt-379-Cat 3406 Diesel |
| 44058HD | WP 90-92 Int/Nav-4900-Int/Nav Dt466 Diesel |
| 44059HD | WP 1992-1994 In/Nav 4900 In/Nv Dt466 Diesel |
| 44062HD | WP 2000-2007 Peterbilt 379-Cat C15 Diesel |
| 44064HD | WP 1971-1979 Ford LT9000 Cmn 6-Cycle 14.0 L DI |
| 44084HD | WP 1989-1985 Frtl Flc Cmns 6-Cycle14.0 L DI |
| 44086HD | WP 1980-1983 Peterbilt 359 Cmns 6-Cycle 14.0 DI |
| 44092HD | WP 1985-1989 Frtl Flc Cmns 6-Cycle 14.0 Diesel |
| 44094HD | WP 1983-1989 Int/Nav 2375 Cumns L10 Diesel |
| 44600HDBP | WP 1987-1995 Peterbilt 379 Cat 3406 Diesel Adpt |
| 45009HD | WP 1987-1995 Peterbilt 379 Cat 3406 Diesel |
| 45051HD | WP 2006 Peterbilt-379-Cummins Isx Diesel |
| 45054HD | WP 2007-04 Vlvo-Vn Series-Cum Isx Diesel |
| 46001HD | WP 1980-1990 Gmc C7000 Diesel V8 8.2 L DI |
| 46002HD | WP 2001 Ken T2000-Det Diesel 6-Cycle 12.7 L |
| 46003HD | WP 2007 Frght-Argosy-Det Diesel 6-Cycle 14.0 L |
| 46004HD | WP 2007 Frght-Argsy-Det Diesel 6-Cycle14.0 L |

*No longer available. For reference only.

## WATER PUMPS, continued

NEW, NO CORE



| GATES PN | APPLICATION |
|---|---|
| 42061 | WP 1965-1970 Ford Series 400-100 4.9 L 300 |
| 42068 | WP 1997-2002 Ford F Series PU V8-4.6 L |
| 42089 | WP 1980-1986 Chev C&K Seris PU 6-Cycle 4.8 L |
| 42315 | WP 1997-2002 Ford Escort 4Cyl 2.0 L |
| 43099 | WP 1980-1986 Chevrolet C&K Series PU V8 5.0 L |
| 43273 | WP 2006-2010 Chevrolet Slvr Srs PU V8 6.6 L Diesel |
| 43315 | WP 1996-2005 Chevrolet Blazer V-6 4.3 L |
| 43324 | WP 2004-2006 Dodge Sprintr 5Cyl 2.7 L Diesel |
| 44018 | WP 1988-1994 Ford F Seris PU V8 7.3 L Diesel |
| 44019 | WP 1980-1998 Ford, F700 Ford V8 7.0 L |
| 44029 | WP 1975-1979 Chevrolet C70, GM V8 366 |
| 45000 | WP 1996-1997 Ford F Seris PU V8 7.3 L Diesel |
| 45001 | WP 1991-1996 GMC Tpkck C6500, GM V8 6.0 L |
| 45003 | WP 1975-1979 Chevrolet C70, GM V8 366 |
| 45005 | WP 1999-2006 Chevrolet Silevrado PU V8 5.3 L |
| 41129HD | WP 1971-1979 Ford LT9000 Cummins 6-Cycle 14 |
| 42102HD | WP 1978-1988 GMC Brigadier Detroit Diesel 6-71 |
| 42114HD | WP 1980-1988 Int/Navtr 1754 V8 9.0 L Diesel |
| 42311HD | WP All Years A-C, 816 Bh, Perk 4-Cyl 248D |
| 42321HD | WP 1978-1988 GMC Brigadier Detroit Diesel 6-71 |
| 42344HD | WP 1978-1988 GMC Brigadier Detroit Diesel 6-71 |
| 42351HD | WP 1971-1998 Ford LN8000, Cat 3208 |
| 43021HD | WP 1991-1993 Ford F800 Ford 6-Cycle 7.8 L Diesel |
| 43125HD | WP 1991-1993 Ford F800 Ford 6-Cycle 7.8 L Diesel |
| 43225HD | WP 1974-1979 Mack R Series 6-Cycle 672 Diesel |
| 43238HD | WP 1974-1977 Wht Cnsktr Cummins NH230 Diesel |
| 43253HD | WP 1979 Kenworth C500 Cummins NTC230 Diesel |
| 44055HD | WP 1983-1984 Peterbilt 359 Cummins 6-Cycle 14.0 L |
| 44101HD | WP 1971-1976 IH1066 Fall IH 6-Cycle 414 Diesel |
| 44104HD | WP 1980-1986 In/Nv Cstar, In/Nv DT466 DI |
| 45050HD | WP 2003 Frtlnr Fl70, Mrc Bnz Mbe 900 Diesel |
| 45053HD | WP 2000-2005 Frtlr Fl80 Mrcbnz Mbe900 DI |

*No longer available. For reference only.

## POWER PRODUCTS BELT PROGRAM



| POWER PRODUCTS PN | CROSS FIT | APPLICATION |
|---|---|---|
| 10K502HDV | V-Belt to Replace Belt K100502 | 2011-04 Freightliner, Columbia, Detroit Diesel 6-Cyl. 14.0 L Diesel, Fan |
| 10K582HDV | V-Belt to Replace Belt K100582HD | 2008-04 Volvo, VN Series, Volvo VE D12 Diesel, Fan |
| 10K637HDV | V-Belt to Replace Belt K100637 | 1997-1995 International/Navistar, 9200, Detroit Diesel 6-Cyl. 12.7 L Diesel, Fan |
| 10K643HDV | V-Belt to Replace Belt K100643HD | 2013-09 Freightliner, Cascadia, Detroit Diesel DD13 Diesel, Fan |
| 12K640HDV | V-Belt to Replace Belt K120640HD | 2012-09 Volvo, VN Series, Volvo D13 Diesel, Fan & W.P. |
| 12K842HDV | V-Belt to Replace Belt K120842 | 2008-04 Volvo, VN Series, Cummins ISX Diesel, Fan & Alt. |
| 12K858HDV | V-Belt to Replace Belt K120858 | 2013-11 Peterbilt, 386, Cummins ISX15 Diesel, Fan & Alt. |
| 12K866HDV | V-Belt to Replace Belt K120866HD | 2009 Freightliner, Cascadia, Cummins ISX Diesel, Fan, Alt. & W.P. |
| 12K870HDV | V-Belt to Replace Belt K120870HD | 2011-10 International/Navistar, ProStar Series, Cummins ISX Diesel, Fan, Alt. & W.P. |
| 12K872HDV | V-Belt to Replace Belt K120872 | 2009 Kenworth, T800, Cummins ISX Diesel, Fan, Alt. & W.P. |
| 12K911HDV | V-Belt to Replace Belt K120911 | 2007-04 International/Navistar, 9400i, Cummins ISX Diesel, Fan & Alt. |
| 17340HDV | V-Belt to Replace Belt 9341 | 2004-1995 Freightliner, FL70, Caterpillar 3126 Diesel, W.P. |
| 17430HDV | V-Belt to Replace Belt 9430 | 1996-1989 Mack, CH Series, Mack 6-Cyl. 12.0 L Diesel, A.C. |
| 17435HDV | V-Belt to Replace Belt 9435 | 1993-1990 International/Navistar, 4900, International/Navistar DT466 Diesel, A.C. |
| 17445HDV | V-Belt to Replace Belt 9447 | 1980-1990 Chevrolet, C70, Caterpillar 3208 Diesel |
| 17450HDV | V-Belt to Replace Belt 9451 | 1998-1980 Ford, F700, Ford V-8 7.0 L, Fan & Alt. |
| 17455HDV | V-Belt to Replace Belt 9455 | 1988-1980 Ford, F700, Ford V-8 6.1 L, Fan & Alt. |
| 17463HDV | V-Belt to Replace Belt 9463 | 1989-1983 Nissan, Pickup, 4-Cyl. 2.4 L, P.S. |
| 17470HDV | V-Belt to Replace Belt 9470 | 1996-1989 Freightliner, FLD, Caterpillar 3176 Diesel, A.C. |
| 17480HDV | V-Belt to Replace Belt 9480 | 1998-1984 Ford, F700, Ford V-8 7.0 L, Idler |
| 17500HDV | V-Belt to Replace Belt 9500 | 2003-1997 Freightliner, Century Class, Detroit Diesel 6-Cyl. 12.7 L Diesel, Fan |
| 17510HDV | V-Belt to Replace Belt 9510 | 1998-1988 Freightliner, FLD, Detroit Diesel 6-Cyl. 12.7 L Diesel, Fan |
| 17530HDV | V-Belt to Replace Belt 9530 | 1997-1988 Freightliner, FLD, Detroit Diesel 6-Cyl. 12.7 L Diesel, Fan |
| 17550HDV | V-Belt - to Replace Belt 9550 | 1997-1988 Freightliner, FLD, Caterpillar 3406 Diesel, Alt. |
| 17580HDV | V-Belt - to Replace Belt 9580 | 1993-1990 Ford, F Super Duty, Ford V-8 7.3 L Diesel, Alt. |
| 17590HDV | V-Belt - to Replace Belt 9590 | 1998-1987 Peterbilt, 379, Caterpillar 3406 Diesel, Alt. & A.C. |
| 17600HDV | V-Belt - to Replace Belt 9600 | 1992-1988 Ford, F Series Pickup, V-8 7.3 L Diesel, Fan & P.S. |
| 17610HDV | V-Belt to Replace Belt 9610 | 1999-1988 Freightliner, FLD, Detroit Diesel 6-Cyl. 12.7 L Diesel, Fan |
| 17620HDV | V-Belt to Replace Belt 9620 | 1997-1988 Freightliner, FLD, Caterpillar 3406 Diesel, Alt. & A.C. |

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## POWER PRODUCTS BELT PROGRAM, continued

| POWER PRODUCTS PN | CROSS FIT | APPLICATION |
|---|---|---|
| 17640HDV | V-Belt to Replace Belt 9640 | 1996-1989 Mack, CH Series, Mack 6-Cyl. 12.0 L Diesel, Fan & Alt. |
| 17650HDV | V-Belt to Replace Belt 9650 | 1996-1991 Chevrolet, P30, GM V-8 7.4 L, Fan & P.S. |
| 6K516HDV | V-Belt to Replace Belt K060516 | 2007-05 Peterbilt, 379, Caterpillar C15 Diesel, Fan To A.C. |
| 6K637HDV | V-Belt to Replace Belt K060637 | 2008-04 Volvo, VN Series, Cummins ISX Diesel, A.C. |
| 6K658HDV | V-Belt to Replace Belt K060658 | 2007-03 Ford, Super Duty Pickup, V-8 6.0 L Diesel, Serpentine - Alt. |
| 8K1005HDV | V-Belt to Replace Belt K081005 | 2015-12 Bluebird, Vision, Ford V-10 6.8 L LPG, Alt. |
| 8K1035HDV | V-Belt to Replace Belt K081035 | 2002-1995 International/Navistar, 4700, International/Navistar T444 Diesel, W.P., Fan, Alt. & A.C. |
| 8K1055HDV | V-Belt to Replace Belt K081055HD | 2016-12 Freightliner, Cascadia, Detroit Diesel DD13 Diesel, Fan, Alt. & A.C. |
| 8K1065HDV | V-Belt to Replace Belt K081065HD | 2008 International/Navistar, DuraStar 4300, International/Navistar MaxxForce DT Diesel, Fan, Alt. & A.C. |
| 8K385HDV | V-Belt to Replace Belt K080385HD | 2008-05 Volvo, VN Series, Volvo VE D12 Diesel, Alt. & A.C. |
| 8K560HDV | V-Belt to Replace Belt K080560 | 1996-1992 Freightliner, FL70, Cummins B Series 5.9 L Diesel, Fan & Alt. |
| 8K565HDV | V-Belt to Replace Belt K080565 | 2007-04 Freightliner, Columbia, Detroit Diesel 6-Cyl. 14.0 L Diesel, Hub To Alt. & A.C. |
| 8K570HDV | V-Belt to Replace Belt K080570 | 2003-01 Freightliner, Century Class, Detroit Diesel 6-Cyl. 12.7 L Diesel, Hub, Alt. & A.C. |
| 8K630HDV | V-Belt to Replace Belt K080630 | 2012-08 Volvo, VN Series, Volvo D13 Diesel, Alt. & A.C. |
| 8K702HDV | V-Belt to Replace Belt K080702 | 2004-1995 Freightliner, FL70, Caterpillar 3126 Diesel, Fan, Alt. & A.C. |
| 8K825HDV | V-Belt to Replace Belt K080825 | 2007-05 International/Navistar, 4300, International/Navistar DT466 Diesel, Fan, Alt. & A.C. |
| 8K830HDV | V-Belt to Replace Belt K080830 | 1993-1990 Dodge, D & W Series Pickup, 6-Cyl. 5.9 L Diesel, Serpentine |
| 8K855HDV | V-Belt to Replace Belt K080855 | 2008-05 Freightliner, Columbia, Mercedes-Benz MBE 4000 Diesel, Hub, Alt. & A.C. |
| 8K934HDV | V-Belt to Replace Belt K080934 | 2008-05 Kenworth, T800, Caterpillar C15 Diesel, Fan & Alt. |
| 8K952HDV | V-Belt to Replace Belt K080952 | 2007-04 Kenworth, W900, Caterpillar C15 Diesel, Fan & Alt. |
| 8K991HDV | V-Belt to Replace Belt K080991 | 2001-1997 Ford, F Series Pickup, V-8 4.6 L, Serpentine |

## MICRO-V® BELTS

| | PN | PN | PN | PN | PN | PN |
|---|---|---|---|---|---|---|
|  K060525 | K060525 | K080560 | K080570 | K080825 | K080952 | K100502 |
| | K060637 | K080565 | K080575 | K080855 | K080991 | K120911 |

## TRUCK BELTS

| | PN | PN | PN | PN | PN |
|---|---|---|---|---|---|
| | TR22517 | TR22545 | TR22570 | TR28429 | TR28483 |
| | TR22534 | TR22553 | TR28412 | TR28473 | |

## FLEETRUNNER® MICRO-V® BELTS

- Outstanding crack resistance at extreme temperatures
- Problem-solver designed for the toughest applications
- Lowest cost per mile



| | PN | PN | PN | PN | PN | PN | PN | PN |
|---|---|---|---|---|---|---|---|---|
| | K050336HD | K060598HD | K080575HD | K080700HD | K080774HD | K080872HD | K081035HD | K100655HD |
| | K060415HD | K060605HD | K080580HD | K080702HD | K080780HD | K080926HD | K081055HD | K100731HD |
| | K060425HD | K060635HD | K080585HD | K080708HD | K080794HD | K080931HD | K081065HD | K120640HD |
| | K060435HD | K060637HD | K080605HD | K080710HD | K080797HD | K080934HD | K081088HD | K120645HD |
| | K060470HD | K060658HD | K080623HD | K080716HD | K080806HD | K080939HD | K100465HD | K120842HD |
| | K060490HD | K060685HD | K080630HD | K080720HD | K080810HD | K080944HD | K100502HD | K120858HD |
| | K060500HD | K060795HD | K080645HD | K080726HD | K080813HD | K080952HD | K100540HD | K120864HD |
| | K060516HD | K080385HD | K080670HD | K080730HD | K080816HD | K080991HD | K100554HD | K120866HD |
| | K060523HD | K080505HD | K080675HD | K080733HD | K080825HD | K081000HD | K100579HD | K120870HD |
| | K060525HD | K080550HD | K080680HD | K080740HD | K080830HD | K081005HD | K100582HD | K120872HD |
| | K060539HD | K080560HD | K080683HD | K080745HD | K080839HD | K081020HD | K100607HD | K120911HD |
| | K060568HD | K080565HD | K080690HD | K080760HD | K080855HD | K081023HD | K100643HD | K121039HD |
| | K060575HD | K080570HD | K080694HD | | | | | |

## FLEETRUNNER® V-BELTS



| | PN | PN | PN | PN | PN | PN | PN | PN |
|---|---|---|---|---|---|---|---|---|
| | 9341HD | 9420HD | 9447HD | 9470HD | 9510HD | 9540HD | 9580HD | 9610HD |
| | 9395HD | 9425HD | 9451HD | 9480HD | 9520HD | 9550HD | 9585HD | 9620HD |
| | 9400HD | 9430HD | 9455HD | 9490HD | 9525HD | 9555HD | 9590HD | 9640HD |
| | 9405HD | 9435HD | 9463HD | 9500HD | 9530HD | 9570HD | 9600HD | 9650HD |
| | 9415HD | 9440HD | 9465HD | 9505HD | | | | |

## TRI-POWER® BELTS

- Notches molded into the belt during manufacturing make this belt well suited for drives with smaller diameter sheaves
- Patented EPDM Material construction provides -60°F to +250°F temperature range to resist belt cracking
- Flex-Bonded Cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration

| | PN | PN | PN |
|---|---|---|---|
| | BX59 | BX83 | BX84 |

## DRIVEALIGN™ HEAVY-DUTY AUTOMATIC BELT TENSIONERS

- **Labyrinth Seal** prevents contamination of internal parts for maximum durability and service life
- **Machined Steel Pulley** reduces surface wear while shielding internal bearing from outside contaminants
- **Double Row Bearings** twin rows of bearings carry more load and last up to three times longer than two individual bearings



| PN | APPLICATION / DESCRIPTION |
|---|---|
| 38587 | BTENS 03-08 ISX INT-KW-Mack-Peterbilt |
| 38501 | BTENS 2000 60 SRS Freighliner-SP FLD |
| 38610 | BTENS Green Stripe Drivealign HD |
| 38511 | BTENS 1999 3126 Sterling |
| 38503 | BTENS 98-20 60 SRS Freightliner Century |
| 38506 | BTENS 99-00 C10-C12 Sterling L-A9500 |
| 38516 | BTENS 00-01 FD1060 Ford F650-F750 |
| 38569 | BTENS 05-06 C15 Freightliner |
| 38514 | BTENS 1999 DT 466 International 4700 |
| 38667 | BTENS DD13 and DD15 Engines |
| 38523 | BTENS 98-04 AI-AC-AMI-E6-E7 Mack |
| 38620 | BTENS 04-08 DT466-570-HT570 International |
| 38505 | BTENS 2000 M11-ISM Freightliner FL112 |
| 38671 | BTENS Green Stripe Drivealign HD |
| 38517 | BTENS FD1060 Ford F800-FT900 |
| 38631 | BTENS Green Stripe Drivealign HD |

## BELT TENSIONER TOOL†

- Specialty tool for accessing the Drive belt tensioner
- Steel construction for long-lasting use
- Easy to use


924-5528

| PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| 924-5528 | Accessory Drive Belt Tensioner Tool | 2006–2016 | Mack, Volvo | 9700, CHU, CTP, CXP, CXU, GU7, GU8, MRU, VAH, VHD, VN, VNL, VNM | D13; Volvo, D13A 360; Volvo, D13A 400; Volvo, D13A 440; Volvo, D13A 480; Volvo, D13A 520; Volvo, MP8; Mack |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DRIVEALIGN™ IDLER PULLEYS

| | PN | APPLICATION / DESCRIPTION |
|---|---|---|
|  36091 | 36091 | Pull Drivealign Idler Pulley |
| | 36223 | Pull Drivealign Idler Pulley |
| | 36341 | Pull Drivealign Idler Pulley |

## IDLER PULLEYS†

- Steel or plastic construction for long-lasting durability against heat, shock and corrosion
- Replacement stops squeak, squeal or groaning noise associated with a worn idler pulley
- Direct replacement and direct fit idler pulleys for a trouble-free replacement

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  419-5000 | 419-5000 | Idler Pulley | 1988–1995 | Chevrolet, Ford, GMC | C5000 Topkick, C5500, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C70 Kodiak, C7000 Topkick, F53 | V8 460CID 7.5L |
| | 419-5001 | Idler Pulley | 1997–2010 | Chevrolet, Ford, GMC, Isuzu, Volvo, Workhorse | F600, F650, F700, F750, F800, NPR, NPR-HD, P30, P32, P42, R32, VN, VNL, W3500 Forward, W3500 Tiltmaster, W42, W4500 Forward, W4500 Tiltmaster, W5500 Tiltmaster, W5500HD Tiltmaster | |
| | 419-5002 | Idler Pulley | 1996–2009 | Chevrolet, GMC, Workhorse, Workhorse Custom Chassis | | V6 262CID 4.3L; GAS, V8 350CID 5.7L; GAS, V8 454CID 7.4L, V8 454CID 7.4L; GAS, V8 496CID 8.1L, V8 496CID 8.1L; GAS |
| | 419-5003 | Idler Pulley | 1990–2004 | Chevrolet, Ford, GMC, Isuzu, Workhorse | Econoline Super Duty, F Super Duty, F59, F600, F700, F800, NPR, NPR-HD, P30, P32, P42, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster | Naturally Aspirated; V8 445CID 7.3L; VIN M, Turbocharged; V8 445CID 7.3L; VIN K, V8 351CID 5.8L |
| | 419-5004 | Idler Pulley | 1985–2014 | Chevrolet, GMC, Hino | 238, 258ALP, 258LP, 268, 268A, 338, 338CT, 358, P40, P4500, P60 | |
| | 419-5005 | Idler Pulley | 2003–2016 | Chevrolet, GMC, Workhorse, Workhorse Custom Chassis | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, Express 4500, LF72, P42, R26, Savana 4500 | V8 403CID 6.6L (6599cc), V8 403CID 6.6L (6599cc); Diesel |
| | 419-5007 | Idler Pulley | 2011–2016 | Ram | 1500, 2500, 3500, 4000, 4500, 5500, Ram Pickup | V8 345CID 5.7L , V8 345CID 5.7L (5654cc), V8 392CID 6.4L (6424cc) |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DMA QUICK KITS

- Premium, double-row angular contact (DRAC) sheave bearing
- Long-wearing friction liner for added reliability and reduced maintenance
- Improved air cartridge seal
- Less time under the hood, more time on the road

| | PN | DESCRIPTION / APPLICATION |
|---|---|---|
|  | Q995568 | Includes 39 mm DRAC bearing (includes air cap) |
| | Q995669 | Includes 30.2 mm DRAC bearing (does not include air cap) |
| | Q995575 | Includes additional bearing spacers |
| | Q995582 | Kit Polar Force w/ DRAC Bearing |
| | Q995617 | DMA 2-Speed 5" Pilot |

## FAN CLUTCH REPAIR KITS

To maximize DM Advantage's performance, use Horton DM Advantage Repair Kits. Designed to rebuild the DriveMaster® to same as new, this kit handles the demanding high-torque, high-heat requirements of today's more powerful diesels, ensuring top vehicle performance and unrivaled fuel efficiency.

Kits include:

- Fan mounting disk
- O-ring seals
- Clutch pack, sheave bearings
- Friction liner
- Air cartridge
- Face Seal
- Retaining rings
- Facing screws
- Lubricant
- Cage nut



Genuine Horton replacement parts

| PN | DESCRIPTION / APPLICATION |
|---|---|
| **REPAIR KITS** | |
| 994167 | Rotary Union |
| 994205 | Seal Repair Kit S and HT/S |
| 994246 | HT/S Facing Friction |
| 994305 | Repair Kit, Super Minor |
| 994307 | Repair Kit, Super S |
| 994322 | Advantage Super Kit, Sintered Liner |
| 994349 | Repair Kit Fan Clutch Friction |
| 995508 | Parts Kit, Repair Kit, Cage Nut |
| 995530 | Repair Kit Fan Clutch, 38.1 mm |
| 995547 | Kit Polarforce, 5.00 Plt, 27.1 S |
| 995550 | Repair Kit Fan Clutch Bearing |
| 995574 | Repair Kit Bearing Only, 100649 |
| 995582 | Kit Polarforce w/ Drac Bearing |
| 995584 | Repair Kit Fan Clutch,100731 B |
| 9908300 | Repair Kit, Bearing Kit Klondik |
| 9908400 | Kysor Rebuild Kit 1033-05435-03 |
| 9908402 | Repair Kit, Seal |
| 9908403 | Repair Kit, Liner, Klondike K22 |
| 9908405 | Repair Kit, Major, Rear Air, Klondike K26 |
| 9908407 | Repair Kit, Liner Klondike 26 |
| **SEAL KITS** | |
| 994346 | Seal Kit Fan Clutch DM |
| 995507 | Seal Kit Fan Clutch DM |
| **CONVERSION KITS** | |
| 995543 | Polar Force 2-Speed Conversion Kit |
| **SOLENOID VALVES** | |
| 993293 | Valve Kit 3-Way, NO-NC w/ Filter |
| 993272 | Valve Kit 3-Way, NO-NC 12V |

# FAN BLADES & ACCESSORIES

## FAN BLADES



| PN | DESCRIPTION / APPLICATION |
|---|---|
| 994072 | Spacer Fan 2.00 / 2.00 Pilots |
| 992660251 | Fan-660-CW, Plastic, 76.2 WD, 65.09 ID, 88.9 BC, FR |
| 993762501 | Fan-762-CW, Plastic, 92.2 WD, 127.0 ID, 152.4 BC, FR |
| 993762503 | Fan-762-CW, Plastic, 92.2 WD, 127.0 ID, 152.4 BC, BK |
| 993813503 | Fan-813-CW, Plastic, 92.7 WD, 127.06 ID, 152.4 BC, BO |
| 995660252 | Fan-660-CW, Plastic, 91.2 WD, 65.09 ID, 88.9 BC, SO |
| 996813252 | Fan-813-CW, Plastic, 91.2 WD, 65.09 ID, 88.9 BC, SO |
| 996813502 | Fan-813-CW, Plastic, 91.2 WD, 127.06 ID, 152.4 BC, SO |
| 996813GC2 | Fan-812.8-CW, Plastic, 264.92 PD, 256.80 BC, Center |

## THERMAL SWITCHES



| PN | DESCRIPTION / APPLICATION |
|---|---|
| 993603 | Thermal Switch |
| 993605 | Thermal Switch, Thermal-NC, 195 F |
| 993606 | Thermal Switch, Thermal-NC, 200 F |
| 993607 | Thermal Switch 205 F |
| 993616 | Thermal Switch 185 F |
| 993617 | Thermal Switch, Thermal-NO, 190 F |
| 993653 | Thermal Switch, Thermal-NO, 195 F |
| 993654 | Thermal Switch, Thermal-NO, 200 F |
| 993655 | Thermal Switch, Thermal-NO, 205 F |

## SOLENOIDS & VALVES



| PN | DESCRIPTION / APPLICATION |
|---|---|
| 993282 | Solenoid Valve 12V NO-NC |
| 993286 | Valve 3-Way NC .125 NPTF 12V |
| 993287 | Valve-3-Way NO .125 NPTF 12V |
| 993296 | Valve 12V NO |
| 993366 | Valve 3-Way NO-NC .125 NPT 12V |

## NEW FAN CLUTCHES

HORTON

- **Premium sheave bearing** extends operating life of fan clutch
- **Improved air cartridge** reduces contaminants in system — system can run more efficiently
- **Spring-engaged and air-disengaged** — reliable operation every time



| PN | APPLICATION / DESCRIPTION |
|---|---|
| 991451 | New HT650 Mack Fan Clutch |
| 996020 | EC450 Clutch, Corsair |
| 9902005 | Clutch-Vmaster, Air Sensing, VS |
| 9903000 | Fan Clutch, VIS |
| 9906017 | Stratis,International Low-Moun |
| 9908501 | Clutch-Rear Air-Klondike-26 |
| 376791201 | Clutch,Viscous-BHS-Volvo/Mack |
| 99A4701 | Clutch Pak-DM2s-Modular |

## REMAN FAN CLUTCHES

HORTON

| P/N | DESCRIPTION / APPLICATION |
|---|---|
| 790007 | RX S-Advantage Clutch 7.50 |
| 791006 | RX HTS Advantage 2-GRV 7.03 |
| 791007 | RX HTS Advantage 4-GRV 9.50 |
| 791010 | RX HTS Advantage 2-GRV 7.03 |
| 791014 | RX HTS Advantage 4-GRV 7.00 |
| 791024 | RX HTS Advantage 3-GRV 6.20 |
| 791039 | HTS Advantage Clutch, 08.77, 2-Gr |
| 791027 | HTS Adv-Clutch-Reman, 4 GRV, 07 |
| 791065 | HTS Adv-Clutch-Reman, 3 GRV, 06.20 |
| 791070 | HTS Adv-Clutch-Reman, 8K-6K, 07 |
| 798005 | Clutch-MSC3 Reman 2-GRV, 9.25 O |
| 798006 | Clutch-MSC3 Reman 2-GRV, 9.25 O |
| 799142 | Clutch DM SE 21 Reman, 8-Pk GRV |
| 799339 | Clutch-DM SE 21 Reman, 8-Pk, 209 |
| 79A8177 | Clutch-DMA2S SE 24-Mack MP7, 13 |
| 79A8621 | F-Clutch 184.6, 65PLT |
| 79A9067 | Clutch DMA Reman 3-V GRV 157.5 |
| 79A9098 | Fan Clutch Reman |
| 79A9103 | Fan Clutch Reman DM Advantage |

| PN | DESCRIPTION / APPLICATION |
|---|---|
| 79A9223 | Clutch-DMA-Reman, 10-Pk GRV, 190 |
| 79A9263 | Fan Clutch Reman DM Advantage |
| 79A9285 | Fan Clutch Reman DM Advantage |
| 79A9291 | Clutch-DMA-Reman, 8-Pk GRV, 158 |
| 79A9334 | Fan Clutch Reman DM Advantage |
| 79A9361 | Fan Clutch Reman DM Advantage |
| 79A9437 | Fan Clutch Reman DM Advantage |
| 79A9465 | Fan Clutch DM Advantage |
| 79A9466 | Clutch-DMADV SE 21-Reman, 12-Pk |
| 79A9494-2 | Fan Clutch-DriveMaster Reman 2-Speed |
| 79A9495-2 | Fan Clutch-DriveMaster Reman 2-Speed |
| 79A9498-2 | Clutch DMA2S SE 21 Reman, 6/10-Pk, 127.1 OD |
| 79A9515 | Fan Clutch Reman DM Advantage |
| 79A9782 | Clutch-DMA2S SE 24 Reman Cum 12-Pk 184.0 |
| 79A9801 | Clutch-DMADV-Reman, 12-Pk Grv, 185.6 OD |
| 79A9809 | Clutch-DMADV SE 24-Reman, 12/6-Pk |
| 79A9897 | Reman, Clutch-DMA SE 24-Cum, 12-Pk |
| 79A9947 | Clutch-DMA2S-Mack-Reman, 6/10-Pk |
| 79A9996 | Clutch-DMA2S SE 24-Reman, Cum, 180.0, 8K/1V, 65.0 Peterbilt, 27.1 Stud |

# COOLANT RESERVOIRS

## HEAVY DUTY COOLANT RESERVOIRS†

- Direct replacement for a proper fit every time
- Comes with reservoir cap
- Level sensor included (where applicable)

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  603-5101 | 603-5101 | HD Pressurized Coolant Reservoir | 1995–2002 | International | 3800, 4700, 4700LP, 4700LPX, 4800, 4900 | DT466, T444E |
| | 603-5103 | Pressurized Coolant Reservoir | 2001–2013 | International | 5500i, 5600, 5600i, 5900, 9200, 9400, 9400i SBA, 9900i, 9900i SFA, 9900ix, 9900ix SFA | Detroit Diesel, C15, C15A-435, C15A-475, C15A-550, DTA-466(D2), DTA-530(C), MaxxForce 11 |
| | 603-5104 | Pressurized Coolant Reservoir | 2006–2015 | IC Corporation, International | 1300 FBC, 3200, 3300, 4300, 4300LP, 4400, 4400LP, 8500, CE Commercial, CE Integrated, CE School Bus, CXT, FE Commercial, FE Integrated, FE School Bus, RXT | DT466, DT530, DT570, HT570, MaxxForce 10, MaxxForce DT |
|  603-5105 | 603-5105 | HD Pressurized Coolant Reservoir | 2003–2018 | International | 5900, 9200, 9900i, ProStar | ISX 15.0; |
| | 603-5107 | Pressurized Coolant Reservoir | 2001–2011 | International | 7300, 7300 SBA, 7300 SFA, 7400, 7500, CXT, MXT | |
| | 603-5110 | Pressurized Coolant Reservoir | 2002–2005 | IC Corporation, International | | DT466, DT530 |
| | 603-5120 | Pressurized Coolant Reservoir | 2005–2007 | International | 9200, 9200i SBA, 9400, 9400i SBA | C13; Caterpillar, C13-335; Caterpillar, C13-380; Caterpillar, C13-410; Caterpillar, C13-425; Caterpillar, C13-470; Caterpillar, C13-525; Caterpillar |
|  603-5120 | 603-5201 | Pressurized Coolant Reservoir | 2001–2007 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120 | |
| | 603-5202 | Pressurized Coolant Reservoir | 2005–2011 | Freightliner, Thomas | Business Class M2, C2, M2, M2 100, M2 106, SAF-T-LINER C2 | |
| | 603-5203 | Pressurized Coolant Reservoir | 2008–2018 | Freightliner | Cascadia, Century Class, Columbia, M2 112 | |
| | 603-5207 | Pressurized Coolant Reservoir | 2012–2017 | Freightliner | Business Class M2, M2 106 | |
|  603-5211 | 603-5209 | Pressurized Coolant Reservoir | 2005–2007 | Freightliner | FLD120, FLD120SD, FLD132 | |
| | 603-5211 | Pressurized Coolant Reservoir | 1999–2004 | Sterling Truck | A9500, A9513, A9522, AT9500, AT9513, AT9522, L8500, L8501, L8511, L8513, L9500, L9501, L9511, L9513, L9522, LT8500, LT8501, LT8511, LT8513, LT9500, LT9501, LT9511, LT9513, LT9522 | |
| | 603-5219 | HD Pressurized Coolant Reservoir | 2002–2004 | Freightliner | FLD120, FLD120 SD, FLD132 | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEAVY DUTY COOLANT RESERVOIRS†, continued

- Direct replacement for a proper fit every time
- Comes with reservoir cap
- Level sensor included (where applicable)

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  603-5211 | 603-5247 | Pressurized Coolant Reservoir | 2011–2015 | International | 8600 TranStar, ProStar | MaxxForce 13 |
| | 603-5403 | Pressurized Coolant Reservoir | 2008–2018 | Kenworth, Peterbilt | 330, 335, 337, 340, 348, 357, 362, 365, 367, 377, 379, 382, 384, 385, 386, 387, 388, 389, T600, T660, T800, T880, W900 | |
| | 603-5501 | Non-Pressurized Coolant Reservoir | 2004–2008 | Mack | CV, GU7, GU8 | |
|  603-5311 | 603-5502 | Pressurized Coolant Reservoir | 2002–2008 | Mack | CV, GU7, GU8 | |
| | 603-5504 | Pressurized Coolant Reservoir | 2004–2007 | Volvo | VN, VNL, VNM | |
| | 603-5505 | Pressurized Coolant Reservoir | 2008–2018 | Mack, Volvo | CHU, CXN, CXU, Pinnacle, VHD, VN, VNL, VNM | |
| | 603-5507 | Coolant Reservoir | 1998–2003 | Volvo | VN, VNL, VNM | |
| | 603-5510 | Pressurized Coolant Reservoir | 1990–2000 | Volvo | WC, WG, WH, WI, WX | |
| | 603-5601 | Pressurized Coolant Reservoir | 2003–2009 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, HTR, HVR, HXR | |
| | 603-5603 | Non-Pressurized Coolant Reservoir | 1999–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | GAS |
| | 603-5604 | Non-Pressurized Coolant Reservoir | 1990–1998 | Chevrolet, GMC | C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick | V8 366CID 6.0L, V8 427CID 7.0L (6998cc) |
| | 603-5751 | Non-Pressurized Coolant Reservoir | 2005–2010 | Hino | 145, 165, 185, 238, 258ALP, 258LP, 268, 268A, 308, 338, 338CT, 358, Dutro, FD | |

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## COOLANT TANK CAPS†

- Direct replacement for a proper fit every time
- Available in diverse styles, including screw-on and snap-on
- A necessary safety item-prevents coolant from splashing and/or leaking

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  902-0064 | 902-0064 | Engine Coolant Reservoir Cap | 1997–2007 | Volvo | VN, VNL, VNM | |
| | 902-0065 | Engine Coolant Reservoir Cap | 1997–2007 | Volvo | VN, VNL, VNM | |
| | 902-5101CD | Engine Coolant Reservoir Cap | 2002–2008 | Ford, IC, IC Corporation, International | | |
| | 902-5102CD | Engine Coolant Reservoir Cap | 2003–2016 | Ford, IC Corporation, International | | C7; Caterpillar, ISB 200; ISB; VT275 |
| | 902-5201CD | Engine Coolant Reservoir Cap | 2004–2010 | Freightliner | Century Class, Classic, Classic XL, Columbia | |
| | 902-5202CD | Engine Coolant Reservoir Cap | 2004–2011 | Freightliner, Thomas | C2, M2, M2 106, M2 112, SAF-T-LINER C2 | |
| | 902-5204 | Engine Coolant Reservoir Cap | 1996–2009 | Freightliner | MT35 | |
| | 902-5402CD | Engine Coolant Reservoir Cap | 2008–2010 | Peterbilt | 330, 335, 362, 365, 367, 384, 386, 387, 388, 389 | |
| | 902-5403CD | Engine Coolant Reservoir Cap | 2008–2010 | Kenworth, Peterbilt | 330, 335, 362, 365, 367, 384, 386, 387, 388, 389, T660, T800, W900 | |
| | 902-5502CD | Engine Coolant Reservoir Cap | 2004–2008 | Mack | CHU, CV, CXN, CXP, CXU, GU7, GU8, LEU, MRU, Pinnacle, Vision | |
| | 902-5601CD | Engine Coolant Reservoir Cap | 2003–2008 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, HTR, HVR, HXR | |

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## COOLANT DRAIN TOOL & VALVE†

- Direct replacement for a proper fit every time
- Easy to install, no special tools required during installation
- This part has undergone vehicle try-on testing to meet product standards and quality

| | PN | DESCRIPTION |
|---|---|---|
| 924-5002  | 924-5002 | Engine Coolant Drain Hose Tool |

- Direct replacement for a proper fit every time
- No special tools necessary for installation
- Replacement prevents release of vacuum pressure in trucks cooling system

| | PN | DESCRIPTION |
|---|---|---|
|  924-5004 | 924-5004 | Engine Coolant Check Valve |

## COOLANT TUBES†

- Helps prevent overheating and potential engine damage
- Direct replacement for a proper fit
- Durable against harsh under hood conditions

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  936-5201 | 936-5201 | Engine Coolant Pipe | 1999–2010 | Freightliner | Argosy, Columbia | Series 60; Detroit Diesel |
| | 936-5202 | Engine Coolant Pipe | 2001–2004 | Freightliner | Century Class, Columbia 120 | C15; Caterpillar |
| | 936-5203 | Engine Coolant Pipe | 2005–2007 | Freightliner | Century Class, Columbia, Columbia 120 | Detroit Diesel |
| | 936-5401 | Engine Coolant Pipe | 1990–1996 | Peterbilt | 357, 377 | N14 |
| | 936-5402 | Engine Coolant Pipe | 2003–2005 | Peterbilt | 357, 379 | Caterpillar, C15; Caterpillar |
| | 936-5403 | Engine Coolant Pipe | 1990–2009 | Kenworth | W900 | 3176; Caterpillar, C15; Caterpillar |
| | 936-5404 | Engine Coolant Pipe | 2004–2009 | Kenworth | T800 | C15; Caterpillar |
| | 936-5405 | Engine Coolant Pipe | 2003–2009 | Kenworth | W900 | C15; Caterpillar |
| | 936-5501 | Engine Coolant Pipe | 2001–2008 | Volvo | VNL, VNM | |
| | 936-5502 | Engine Coolant Pipe | 2000–2011 | Volvo | VHD, VNL, VNM | |
| | 936-5504 | Engine Coolant Pipe | 1992–2008 | Mack | CXN | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TRANSMISSION OIL COOLER CONNECTOR & QUICK DISCONNECT†

- Direct replacement for a proper fit (where applicable)
- Retaining clips included (where applicable)
- Thread-sealant pre-applied for a secure connection (where applicable)

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  800-5600 | 800-5600 | Oil Cooler Connector | 2002–2003 | Chevrolet, GMC | C3500HD, C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick | L6 475CID 7.8L, V8 496CID 8.1L |
| | 800-5601 | Oil Cooler Connector | 2003–2009 | Chevrolet, GMC | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick | |
| | 800-5602 | Oil Cooler Connector | 2003–2011 | Chevrolet, GMC, Workhorse, Workhorse Custom Chassis | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, P32, P42, R26, W16, W18, W20, W21, W22, W24, W25, W52, W62, W72 | V8 496CID 8.1L, V8 496CID 8.1L; GAS |
|  800-5603 | 800-5603 | Quick Disconnect | 2003–2011 | Chevrolet, GMC, Workhorse, Workhorse Custom Chassis | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, R26, W20, W21, W22, W24, W25, W52, W62, W72 | V8 496CID 8.1L; GAS |
| | 800-5604 | Quick Disconnect | 2003–2003 | Chevrolet, GMC | C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick | |

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## RADIATOR HOSES — STRAIGHT SILICONE



| NEW PN | PREVIOUS PN | DESCRIPTION |
|---|---|---|
| C40-075X36 | 70-075 | Straight Silicone Radiator 3/4″ |
| C40-087X36 | 70-088 | Straight Silicone Radiator 7/8″ |
| C40-100X36 | 70-100 | Silicone Hose (Sold/Ft) 1″ ID |
| C40-112X36 | 70-112 | Straight Silicone Radiator 1-1/8″ |
| C40-125X36 | 70-125 | Straight Silicone Radiator 1-1/4″ |
| C40-138X36 | 70-138 | Straight Silicone Radiator 1-3/8″ |
| C40-150X36 | 70-150 | Straight Silicone Radiator 1-1/2″ |
| C40-162X36 | 70-162 | Straight Silicone Radiator 1-5/8″ |
| C40-175X36 | 70-175 | Straight Silicone Radiator 1-3/4″ |
| C40-187X36 | 70-187 | Straight Silicone Radiator 1-7/8″ |
| C40-200X36 | 70-200 | Straight Silicone Radiator 2″ |
| C40-212X36 | 70-212 | Straight Silicone Radiator 2-1/8″ |
| C40-225X36 | 70-225 | Straight Silicone Radiator 2-1/4″ |
| C40-238X36 | 70-238 | Straight Silicone Radiator 2-3/8″ |
| C40-250X36 | 70-250 | Straight Silicone Radiator 2-1/2″ |
| C40-262X36 | 70-262 | Straight Silicone Radiator 2-5/8″ |
| C40-275X36 | 70-275 | Straight Silicone Radiator 2-3/4″ |
| C40-275X36 | 70-287 | Straight Silicone Radiator 2.88″ ID |
| C40-300X36 | 70-300 | Straight Silicone Radiator 3″ |
| C40-325X36 | 70-325 | Straight Silicone Radiator 3-1/4″ |
| C40-350X36 | 70-350 | Straight Silicone Radiator 3-1/2″ |
| C40-400X36 | 70-400 | Straight Silicone Radiator 4″ |
| C40-450X36 | 70-450 | Straight Silicone Coolant 4.5″ × 3′ |
| C40-500X36 | 70-500 | Straight Silicone Hose 5″ × 3′ |
| C40-550X36 | 70-550 | Straight Silicone Coolant 5.5″ × 3′ |

## RADIATOR HOSES — STRAIGHT COOLANT


24240

| GATES PN | APPLICATION |
|---|---|
| 24216 | Green Stripe Straight Coolant Hose 1″ |
| 24220 | Green Stripe Straight Coolant Hose 1-1/4″ |
| 24224 | Green Stripe Straight Coolant Hose 1-1/2″ |
| 24228 | Green Stripe Straight Coolant Hose 1-3/4″ |
| 24232 | Green Stripe Straight Coolant Hose 2″ |
| 24236 | Green Stripe Straight Coolant Hose 2-1/4″ |
| 24240 | Green Stripe Straight Coolant Hose 2-1/2″ |
| 24248 | Green Stripe Straight Coolant Hose 3″ |

## GREEN STRIPE® DURION HOSE

For extremely high temperature radiator, heater, and coolant transfer applications. Engineered with extra long-lasting silicone rubber for extreme ambient and radiant temperature conditions. The silicone tube and cover resist prolonged exposure to under-hood and coolant heat, weathering, ozone, and deterioration. Use Gates thermoplastic clamps or silicone hose clamps to complete assembly.

- Temperature: –70ºF to +350ºF (–56°C to +177°C)
- Use thermoplastic clamps or silicone hose clamps
- Exceeds SAE 20R1 (Class A Standard Wall)

Note: Silicone's water permeation rate is 10 to 15 times greater than Straight 2-Ply Coolant Hose


24840

| GATES PN | HOSE ID | DESCRIPTION |
|---|---|---|
| 24808 | 1/2″ | 0.5″ × 3′ Silicone Radiator Hose |
| 24810 | 5/8″ | 0.627″ × 3′ Silicone Radiator Hose |
| 24812 | 3/4″ | 0.75″ × 3′ Silicone Radiator Hose |
| 24814 | 7/8″ | 0.875″ × 3′ Silicone Radiator Hose |
| 24816 | 1″ | 1.0″ × 3′ Silicone Radiator Hose |
| 24818 | 1-1/8″ | 1.125″ × 3′ Silicone Radiator Hose |
| 24820 | 1-1/4″ | 1.25″ × 3′ Silicone Radiator Hose |
| 24822 | 1-3/8″ | 1.375″ × 3′ Silicone Radiator Hose |
| 24824 | 1-1/2″ | 1.5″ × 3′ Silicone Radiator Hose |
| 24826 | 1-5/8″ | 1.625″ × 3′ Silicone Radiator Hose |
| 24828 | 1-3/4″ | 1.75″ × 3′ Silicone Radiator Hose |
| 24832 | 2″ | 2.0″ × 3′ Silicone Radiator Hose |
| 24836 | 2-1/4″ | 2.25″ × 3′ Silicone Radiator Hose |
| 24838 | 2-3/4″ | 2.375″ × 3′ Silicone Radiator Hose |
| 24840 | 2-1/2″ | 2.5″ × 3′ Silicone Radiator Hose |
| 24844 | 2-3/4″ | 2.75″ × 3′ Silicone Radiator Hose |
| 24848 | 3 ″ | 3.0″ × 3′ Silicone Radiator Hose |
| 24850 | 3-1/8″ | 3.125″ × 3′ Silicone Radiator Hose |
| 24852 | 3-1/4″ | 3.25″ × 3′ Silicone Radiator Hose |
| 24856 | 3-1/2″ | 3.5″ × 3′ Silicone Radiator Hose |
| 24860 | 3-3/4″ | 3.75″ × 3′ Silicone Radiator Hose |
| 24864 | 4″ | 4.0″ × 3′ Silicone Radiator Hose |
| 24872 | 4-1/2″ | 4.5″ × 3′ Silicone Radiator Hose |

## VULCO® STRAIGHT COOLANT HOSE

- Specially engineered for straight coolant/air connections in automotive, stationary engine, industrial, and home applications
- Temperature Rating: –40°F to 257°F (–40°C to 125°C)


24040

| GATES PN | HOSE ID | DESCRIPTION |
|---|---|---|
| 24008 | 1/2″ | 0.5″ × 3′ Vulco Coolant Radiator Hose |
| 24012 | 3/4″ | 0.75″ × 3′ Vulco Coolant Radiator Hose |
| 24014 | 7/8″ | 0.875″ × 3′ Vulco Coolant Radiator Hose |
| 24016 | 1″ | 1.0″ × 3′ Vulco Coolant Radiator Hose |
| 24018 | 1-1/8″ | 1.125″ × 3′ Vulco Coolant Radiator Hose |
| 24020 | 1-1/4 | 1.25″ × 3′ Vulco Coolant Radiator Hose |
| 24022 | 1-3/8″ | 1.375″ × 3′ Vulco Coolant Radiator Hose |
| 24024 | 1-1/2″ | 1.5″ × 3′ Vulco Coolant Radiator Hose |
| 24026 | 1-5/8″ | 1.625″ × 3′ Vulco Coolant Radiator Hose |
| 24028 | 1- 3/4″ | 1.75″ × 3′ Vulco Coolant Radiator Hose |
| 24030 | 1-7/8″ | 1.875″ × 3′ Vulco Coolant Radiator Hose |
| 24032 | 2″ | 2.0″ × 3′ Vulco Coolant Radiator Hose |
| 24034 | 2-1/8″ | 2.125″ × 3′ Vulco Coolant Radiator Hose |
| 24036 | 2-1/4″ | 2.25″ × 3′ Vulco Coolant Radiator Hose |
| 24038 | 2-3/4″ | 2.375″ × 3′ Vulco Coolant Radiator Hose |
| 24040 | 2-1/2″ | 2.5″ × 3′ Vulco Coolant Radiator Hose |
| 24042 | 2-5/8″ | 2.625″ × 3′ Vulco Coolant Radiator Hose |
| 24044 | 2-3/4″ | 2.75″ × 3′ Vulco Coolant Radiator Hose |
| 24046 | 2 7/8″ | 2.875″ × 3′ Vulco Coolant Radiator Hose |
| 24048 | 3-″ | 3.0″ × 3′ Vulco Coolant Radiator Hose |
| 24052 | 3-1/4″ | 3.25″ × 3′ Vulco Coolant Radiator Hose |
| 24056 | 3-1/2″ | 3.5″ × 3′ Vulco Coolant Radiator Hose |
| 24064 | 4″ | 4.0″ × 3′ Vulco Coolant Radiator Hose |

## GREEN STIPE® VULCO-FLEX® COOLANT

- Heavy-duty flexible coolant hose designed to replace straight or curved coolant hoses on a range of trucks, busses, and heavy-duty vehicles, so you can get maximum model coverage with minimum inventory
- The smooth, constant inside diameter allows coolant to flow freely through the hose, with a durable construction to handle high temperatures and harsh system corrosives.



26532

| GATES PN | DESCRIPTION |
|---|---|
| 26532 | 2.5" × 24" Vulco II Flex Coolant Radiator Hose |
| 26533 | 2.5" × 28" Vulco II Flex Coolant Radiator Hose |
| 26538 | 3" × 37" Vulco II Flex Coolant Radiator Hose |
| 26524 | 2.25" × 24" Vulco II Flex Coolant Radiator Hose |
| 26512 | 2" × 24" Vulco II Flex Coolant Radiator Hose |
| 26531 | 2.5" × 16" Vulco II Flex Coolant Radiator Hose |
| 26530 | 2.5" × 14" Vulco II Flex Coolant Radiator Hose |

## RADIATOR HOSES — FLEXIBLE & MOLDED

| GATES PN | DESCRIPTION |
|---|---|
| 26517 | Green Stripe® Vulco-Flex® Hose 2-2.25" × 25" |
| 20812 | Lower Radiator Molded Coolant Hose 1-3/4" × 22.4" |
| 21115 | Curved Hose 2.5" 90° Elbow |

# EPDM vs SILICONE HOSE

**IT IS CRITICAL TO UNDERSTAND THE APPLICATION WHEN SPECIFYING A COOLANT HOSE PRODUCT.**

### EPDM

- Superior cut / abrasion resistance
- Resists under hood fluids
- No special clamps needed
- Lowest cost per mile
  - Available in multiple grades
- Low H20 permeation
- Resists cold water leaks

### SILICONE

- Higher heat resistance
  - Only required if temperature is above 300°F
  - Necessary when in proximity to exhaust or hot side turbo
- Greater risk of cold water leaks
- High H20 Permeation

**IMPROVED EPDM MANUFACTURING TECHNIQUES HAVE CREATED AN ALTERNATIVE TO SILICONE FOR MANY APPLICATIONS.**

## HEATER HOSES — AUTO

| | GATES PN | DESCRIPTION | SIZE | ROLL (LONG) |
|---|---|---|---|---|
| | 28430 | HHSE Heat Hose Gates Firewall (Sold/Ft) | 1/2″ | 50′ |
| | 28401 | HHSE Heater (Automotive Use Only) (Sold/Ft) | 5/8″ | 50′ |
| | 28417 | HHSE Heater (Automotive Use Only) (Sold/Ft) | 5/8″ | 250′ |
| | 28431 | HHSE Heater Gates Firewall (Sold/Ft) | 5/8″ | 50′ |
| | 28412 | HHSE Safety Stripe Heater (Automotive) (Sold/Ft) | 3/4″ | 50′ |
| | 28402 | HHSE Heater (Automotive Use Only) (Sold/Ft) | 3/4″ | 50′ |
| | 28432 | HHSE Firewall Heater (Sold/Ft) | 3/4″ | 50′ |
| | 28413 | HHSE Heater (Automotive Use Only) (Sold/Ft) | 1″ | 50′ |

## HEATER HOSES — CONNECTORS

| | GATES PN | DESCRIPTION | SIZE |
|---|---|---|---|
| | 28611 | HHSE Plastic Hose Connector | 5/8″– 3/4″ |
| | 28604 | HHSE Plastic Connector | 5/8″ |
| | 65113 | HHSE Washer/Vacuum Hose | 7/64″ |
| | 28606 | HHSE Heater Hose and Fuel Line Connector | |

## HEATER HOSES — EPDM

| | PN | DESCRIPTION | SIZE | ROLL (LONG) |
|---|---|---|---|---|
|  | 28409 | HHSE Safety Stripe Heat | 3/8″ | 50′ |
| | 28410 | HHSE Safety Stripe Heater | 1/2″ | — |
| | 28411 | HHSE Safety Stripe Heater | 5/8″ | — |
| | 28439 | HHSE Green Stripe Heater (Sold/Ft) | 1/2″ | 50′ |
| | 28441 | HHSE Green Stripe Heater | 5/8″ | — |
|  | 28442 | HHSE Green Stripe Heater | 3/4″ | — |
| | 28443 | HHSE Green Stripe Heater | 7/8″ | 50′ |
| | 28444 | HHSE Green Strip Heater | 1″ | — |
| | 28445 | HHSE Green Stripe Heater | 1-1/4″ | 50′ |
| | 28448 | HHSE Green Stripe Heater | 3/4″ | 300′ |
| | 65020 | HHSE Hy-T Heater Hose | 1/2″ | — |
| | 65023 | HHSE Hy-T Heater Hose | 5/8″ | — |

## HEATER HOSES — SILICONE


HH-038X25

| NEW PN | PREVIOUS PN | DESCRIPTION | SIZE | ROLL (LONG) |
|---|---|---|---|---|
| HH-038X25 | 26239 | Silicone Heater Hose | 3/8″ | 25′ |
| HH-050X25 | 26240 | Silicone Heater Hose | 1/2″ | 25′ |
| HH-062X25 | 26241 | Silicone Heater Hose | 5/8″ | 25′ |
| HH-100X25 | 26244 | Silicone Heater Hose | 1″ | 25′ |
| HH-025X25 | 80-025 | Silicone Heater Hose | 1/4″ | 25′ |
| HH-025X50 | 80-025X50 | Silicone Heater Hose | 1/4″ | 50′ |
| HH-031X50 | 80-031X50 | Silicone Heater Hose | 5/16″ | 50′ |
| HH-038X25 | 80-038 | Silicone Heater Hose | 3/8″ | 25′ |
| HH-038X50 | 80-038X50 | Silicone Heater Hose | 3/8″ | 50′ |
| HH-050X25 | 80-050 | Silicone Heater Hose | 1/2″ | 25′ |
| HH-050X100 | 80-050X100 | Silicone Heater Hose | 1/2″ | 100′ |
| HH-050X250 | 80-050X250 | Silicone Heater Hose | 1/2″ | 250′ |
| HH-050X50 | 80-050X50 | Silicone Heater Hose | 1/2″ | 50′ |
| HH-062X25 | 80-062 | Silicone Heater Hose | 5/8″ | 25′ |
| HH-062x250 | 80-062-250 | Heater Hose | 5/8″ | 250′ |
| HH-062X100 | 80-062X100 | Silicone Heater Hose | 5/8″ | 100′ |
| HH-062X50 | 80-062X50 | Silicone Heater Hose | 5/8″ | 50′ |
| HH-075X25 | 80-075 | Silicone Heater Hose | 3/4″ | 25′ |
| HH-075X250 | 80-075X250 | Silicone Heater Hose | 3/4″ | 250′ |
| HH-075X50 | 80-075X50 | Silicone Heater Hose | 3/4″ | 50′ |
| HH-100X25 | 80-100 | Silicone Heater Hose | 1″ | 25′ |
| HH-100X50 | 80-100-50 | Silicone Heater Hose | 1″ | 50′ |
| HH-100X100 | 80-100X100 | Silicone Heater Hose | 1″ | 100′ |
| HH-100X50 | 80-100X50 | Silicone Heater Hose | 1″ | 50′ |
| HH-112X50 | 80-112X50 | Heater Hose | 1.125″ | 50′ |

## POWERGRIP® SB CLAMPS

Designed for your hose assemblies, Gates PowerGrip® SB Clamps are maintenance-free, durable hose clamps that retain dynamic tension for any shape of hose and housing, even on out-of-round fittings and applications, to reliably stop leaks without the need for retightening. The environmentally-friendly PowerGrip SB clamps are designed for a secure, tight fit in extreme operating temperatures to eliminate antifreeze leaks and groundwater contamination.

- Easy to install with ordinary heat gun
- Wider sealing area entraps connector bead
- Conform to any shape of hose and housing, even out-of-round fittings
- Heat-sensitive thermoplastic with a memory to prevent over- or under-tightening
- Wider sealing area entraps connector bead
- Can be used with all brands of silicone hose
- Temperature rating: -40°F - 302°F (-40°C - 150°C)



| PN | DESCRIPTION |
|---|---|
| 32925 | PowerGrip Clamp Fit Hose 1-1/16 ″ to 1-3/16 ″ |
| 32973 | PowerGrip Clamp Fits Hoses 2-3/4 to 3″ |
| 32934 | PowerGrip Clamp Fit Hose 1-5/16 ″ to 1-1/2 ″ |
| 32919 | PowerGrip Clamp Fits Hose 11/16 ″ to 13/16 ″ |
| 32941 | PowerGrip Clamp Fits Hose 1-1/2 ″ to 1-3/4 ″ |
| 32929 | 1-1/16″ to 1-3/16″ PowerGrip SB CL |
| 32915 | PowerGrip Clamp Fits Hoses 1/2 ″ to 11/16 ″ |
| 32922 | PowerGrip Clamp Fit Hose 13/16 ″ to 15/16 ″ |
| 32979 | PowerGrip Clamp Fits Hoses 3 ″ to 3-3/4 ″ |

## CLAMPS — BREEZE® CLAMP MERCHANDISERS

**BREEZE® grabs kits, wall merchandisers and dispenser racks are available in a large range to suit general purpose and heavy duty applications:**

- Material Grades: W2 part stainless steel and W4 304 grade all stainless steel
- Designed & manufactured in the USA

### 6210 ASSORTMENT — General Purpose

- 200 most popular miniature/power-seal clamps packed with display rack
- Coverage from 1/4" transmission hose lines to 2-1/4" ID radiator hose




| PN | PACKAGE QUANTITY | PN | PACKAGE QUANTITY |
|---|---|---|---|
| 3504 | 30 | 3506 | 30 |
| 62010H | 20 | 62012H | 20 |
| 62020H | 20 | 62024H | 20 |
| 62028H | 20 | 62032H | 20 |
| 62036H | 20 | | |

### 9150 ASSORTMENT — Silicone Liner

- 150 aero-seal liner clamps packed with display rack
- Coverage from 1/2" ID heater hose to 3" ID radiator hose
- Specially designed to protect soft/silicone hoses




| PN | PACKAGE QUANTITY | PN | PACKAGE QUANTITY |
|---|---|---|---|
| 9210H | 20 | 9228H | 10 |
| 9212H | 20 | 9232H | 10 |
| 9216H | 10 | 9236H | 10 |
| 9220H | 20 | 9240H | 10 |
| 9224H | 20 | 9244H | 20 |

### 6130 HD — Intake

- 10 each of the 13 most popular sized clamps: Constant-Torque, T-Bolt and Hi-Torque Clamps
- Complete coverage on standard hose, silicone hose, air intake and charge air cooling hoses




| PN | PACKAGE QUANTITY 10 EACH | PN | PACKAGE QUANTITY |
|---|---|---|---|
| CT 9410 | Heater Hose 1/2 – 5/8 | CT 9412 | Heater Hose 3/4 |
| CT 9416 | Coolant 7/8-1 | CT 9420 | Coolant 1-1/8 – 1-1/4 |
| CT 9424 | Coolant 1-3/8 – 1-1/2 | CT 250L SS | Coolant 1-3/4 – 2-1/8 |
| CT 300L SS | Coolant 2-1/4 – 2-5/8 | CT 350L SS | Coolant 2-3/4 – 3 |
| HP 3 | Air Intake 2-1/4 – 3-1/2 | HP 4 | Air Intake 4 – 5-1/2 |
| HP 5 | Air Intake 6 – 8 | B9226-0406 | 4" Charge-Air Cooling |
| B9224-0406 | Charge Air Cooling | | |

## BREEZE® SUPER-SEAL CLAMPS APPLICATION GUIDE

| 3 & 4 PLY HOSE I.D.-IN. | HOSE NOMINAL O.D.-IN. | MINIATURE STANDARD WORM-GEAR PLATED STEEL SCREW | POWER-SEAL STANDARD WORM-GEAR PLATED STEEL SCREW | SILICONE LINER PLATED STEEL SCREW | HI-TORQUE ALL STAINLESS | CONSTANT-TORQUE ALL STAINLESS | STANDARD T-BOLT PLATED BOLT/NUT | SUPER-SEAL HD ALL STAINLESS | SUPER-SEAL ALL STAINLESS |
|---|---|---|---|---|---|---|---|---|---|
| 1/4–5/16 | .580–.693 | 3504 | — | 3505 LIN | — | — | — | — | — |
| 3/8 | .705–.76 | 3506 | — | 9206H | — | — | — | — | — |
| 1/2 | .83–.90 | 3510 | 62010H | 9210H | — | CT 9410 | — | — | — |
| 5/8 | .95–1.00 | 3510 | 62010H | 9210H | — | CT 9410 | — | — | — |
| 3/4 | 1.08–1.15 | 3512 | 62012H | 9212H | — | CT 9412 | — | — | — |
| 7/8 | 1.20–1.25 | 3516 | 62016H | 9216H | HTM 175 L | CT 9416 | — | — | — |
| 1 | 1.33–1.40 | 3516 | 62016H | 9216H | HTM 175 L | CT 9416 | -0125 | — | — |
| 1-1/8 | 1.45–1.51 | 3520 | 62020H | 9220H | HTM 175 L | CT 9420 | -0138 | SUS 150 HD SS | SUS 150 SS |
| 1-1/4 | 1.58–1.65 | 3520 | 62020H | 9220H | HTM 175 L | CT 9420 | -0150 | SUS 175 HD SS | SUS 175 SS |
| 1-3/8 | 1.70–1.75 | 3524 | 62024H | 9224H | HTM 200 L | CT 9424 | -0163 | SUS 175 HD SS | SUS 175 SS |
| 1-1/2 | 1.83–1.90 | 3524 | 62024H | 9224H | HTM 200 L | CT 9424 | -0175 | SUS 175 HD SS | SUS 175 SS |
| 1-5/8 | 1.95–2.00 | 3528 | 62028H | 9228H | HTM 200 L | CT 200 L SS | -0188 | SUS 175 HD SS | SUS 175 SS |
| 1-3/4 | 2.08–2.15 | 3528 | 62028H | 9228H | HTM 200 L | CT 200 L SS | -0200 | SUS 225 HD SS | SUS 225 SS |
| 2 | 2.33–2.40 | 3532 | 62032H | 9232H | HTM 250 L | CT 250 L SS | -0225 | SUS 225 HD SS | SUS 225 SS |
| 2-1/8 | 2.45–2.51 | — | 62036H | 9236H | HTM 250 L | CT 250 L SS | -0238 | SUS 225 HD SS | SUS 225 SS |
| 2-1/4 | 2.58–2.65 | — | 62036H | 9236H | HTM 300 L | CT 300 L SS | -0250 | SUS 275 HD SS | SUS 275 SS |
| 2-3/8 | 2.70–2.75 | — | 62040H | 9240H | HTM 300 L | CT 300 L SS | -0263 | SUS 275 HD SS | SUS 275 SS |
| 2-1/2 | 2.83–2.90 | — | 62040H | 9240H | HTM 300 L | CT 300 L SS | -0275 | SUS 275 HD SS | SUS 275 SS |
| 2-5/8 | 2.95–3.00 | — | 62044H | 9244H | HTM 300 L | CT 300 L SS | -0288 | SUS 275 HD SS | SUS 275 SS |
| 2-3/4 | 3.08–3.15 | — | 62044H | 9244H | HTM 350 L | CT 350 L SS | -0300 | SUS 350 HD SS | SUS 350 SS |
| 3 | 3.33 - 3.40 | — | 62048H | 9248H | HTM 350 L | CT 350 L SS | -0325 | SUS 350 HD SS | SUS 350 SS |
| 3-1/4 | 3.58 - 3.63 | — | 62052H | 9252H | HTM 400 L | CT 400 L SS | -0350 | SUS 350 HD SS | SUS 350 SS |
| 3-1/2 | 3.83 - 3.90 | — | 62056H | 9256H | HTM 400 L | CT 400 L SS | -0375 | SUS 425 HD SS | SUS 425 SS |
| 3-3/4 | 4.08 - 4.13 | — | 62060H | 9260H | HTM 450 L | CT 450 L SS | -0400 | SUS 425 HD SS | SUS 425 SS |
| 4 | 4.33 - 4.40 | — | 62064H | 9264H | HTM 450 L | CT 450 L SS | -0425 | SUS 425 HD SS | SUS 425 SS |
| 4-1/2 | 4.83 - 4.90 | — | 62072H | 9272H | HTM 500 L | CT 500 L SS | -0475 | — | — |
| 5 | 5.33 - 5.40 | — | 62080H | 9280H | HTM 550 L | CT 550 L SS | -0525 | — | — |
| 6 | 6.33 - 6.40 | — | 62096H | 9296H | HTM 650 L | CT 650 L SS | -0625 | — | — |

# SILICONE HOSE CLAMPS

## SUPER-SEALS

**A breakthrough constant tension clamp with dynamic compensation and ultra-secure sealing.**

- Diameter Range 1.42"– 4.64"
- Two-Piece Housing in 304 Stainless Steel

BREEZE

### SUPER-SEAL HD SS

- 410 Stainless Steel Hex Screw / Ten Belleville Washers



### SUPER-SEAL HD

- Plated Hex Screw



| | 410 SS HEX SCREW | INCHES (INSIDE DIA.) | | MM (INSIDE DIA.) | |
|---|---|---|---|---|---|
| | PN | MIN | MAX | MIN | MAX |
| SUPER-SEAL HD SS | SUS150 HD SS | 1.42 | 1.65 | 36 | 42 |
| | SUS175 HD SS | 1.57 | 2.17 | 40 | 55 |
| | SUS225 HD SS | 2.04 | 2.63 | 52 | 67 |
| | SUS275 HD SS | 2.55 | 3.15 | 65 | 80 |
| | SUS350 HD SS | 3.03 | 3.89 | 77 | 99 |
| | SUS425 HD SS | 3.78 | 4.64 | 96 | 119 |
| SUPER-SEAL HD | SUS150 SS | 1.42 | 1.65 | 36 | 42 |
| | SUS175 SS | 1.57 | 2.17 | 40 | 55 |
| | SUS225 SS | 2.04 | 2.63 | 52 | 67 |
| | SUS275 SS | 2.55 | 3.15 | 65 | 80 |
| | SUS350 SS | 3.03 | 3.89 | 77 | 99 |
| | SUS425 SS | 3.78 | 4.64 | 96 | 119 |

## CONSTANT TORQUE® HEAVY DUTY CLAMPS

**Heavy duty all stainless steel construction for use on large diameter applications torque rated 50–125 in/lbs 5/8" (15.8 mm) bandwidth.**

BREEZE



CT300LSS

**TECH TIPS**

**Constant Torque® clamps automatically increase/decrease in diameter as the system expands and contracts.** These clamps are ideal if experiencing leakage or rupture problems due to "cold flow" or changes in environmental and operational temperatures.

| | FOR USE ON SILICONE HOSES PN | SAE SIZE | EFFECTIVE DIAMETER RANGE | | | |
|---|---|---|---|---|---|---|
| | | | MINIMUM | | MAXIMUM | |
| | | | INCH | MM | INCH | MM |
| | CT200LSS | 212 | 1-1/4 | 32 | 2-1/8 | 54 |
| | CT250LSS | 262 | 1-3/4 | 45 | 2-5/8 | 67 |
| | CT300LSS | 312 | 2-1/4 | 57 | 3-1/8 | 79 |
| | CT350LSS | 362 | 2-3/4 | 70 | 3-5/8 | 92 |
| | CT400LSS | 412 | 3-1/4 | 83 | 4-1/8 | 105 |
| | CT450LSS | 462 | 3-3/4 | 95 | 4-5/8 | 118 |
| | CT500LSS | 512 | 4-1/4 | 108 | 5-1/8 | 130 |
| | CT550LSS | 562 | 4-3/4 | 121 | 5-5/8 | 143 |
| | CT600LSS | 612 | 5-1/4 | 133 | 6-1/8 | 156 |
| | CT650LSS | 662 | 5-3/4 | 146 | 6-5/8 | 168 |
| | CT700LSS | 712 | 6-1/4 | 159 | 7-1/8 | 181 |
| | CT750LSS | 762 | 6-3/4 | 172 | 7-5/8 | 194 |
| | CT800LSS | 812 | 7-1/4 | 184 | 8-1/8 | 206 |
| | CT850LSS | 862 | 7-3/4 | 197 | 8-5/8 | 219 |
| | CT900LSS | 912 | 8-1/4 | 210 | 9-1/8 | 232 |

## CONSTANT TORQUE® AERO SEAL CLAMPS

BREEZE

**All stainless steel for use on small diameter applications 9/16" (14.2 mm) bandwidth.**



CT-9412

| PN | SAE SIZE | EFFECTIVE DIAMETER RANGE | | | |
|---|---|---|---|---|---|
| | | MINIMUM | | MAXIMUM | |
| | | INCH | MM | INCH | MM |
| CT-9410 | 10 | 9/16 | 14 | 1-1/16 | 27 |
| CT-9412 | 12 | 11/16 | 17 | 1-1/4 | 32 |
| CT-9416 | 16 | 13/16 | 21 | 1-1/2 | 38 |
| CT-9420 | 20 | 13/16 | 21 | 1-3/4 | 44 |
| CT-9424 | 24 | 1-1/16 | 27 | 2 | 51 |
| CT-9428B | 28 | 1-5/16 | 33 | 2-1/4 | 57 |
| CT-9436B | 36 | 1-13/16 | 46 | 2-3/4 | 70 |
| CT-9440B | 40 | 2-1/16 | 52 | 3 | 76 |
| CT-9444B | 44 | 2-5/16 | 59 | 3-1/4 | 83 |
| CT-9448B | 48 | 2-9/16 | 65 | 3-1/2 | 89 |

## LINER CLAMPS

**Band extension provides inner protective liner to protect soft hose (silicone and others) from damage caused by extrusion or shearing.**

BREEZE



9210H

| PLATED HEX SCREW PN | 410 HEX SCREW STAINLESS STEEL PN | SAE SIZE | EFFECTIVE DIAMETER RANGE | | | | BREEZE CROSS PLATED HEX SCREW PN | BREEZE CROSS 410 HEX SCREW STAINLESS STEEL PN |
|---|---|---|---|---|---|---|---|---|
| | | | MINIMUM | | MAXIMUM | | | |
| | | | INCH | MM | INCH | MM | | |
| 9206H | 9406H | 6 | 7/16 | 11 | 25/32 | 20 | 9206 | 9406 |
| 9208H | 9408H | 8 | 1/2 | 13 | 29/32 | 23 | 9208 | 9408 |
| 9210H | 9410H | 10 | 9/16 | 14 | 1-1/16 | 27 | 9210 | 9410 |
| 9212H | 9412H | 12 | 11/16 | 17 | 1-1/4 | 32 | 9212 | 9412 |
| 9216H | 9416H | 16 | 13/16 | 21 | 1-1/2 | 38 | 9216 | 9416 |
| 9220H | 9420H | 20 | 13/16 | 21 | 1-3/4 | 44 | 9220 | 9420 |
| 9224H | 9424H | 24 | 1-1/16 | 27 | 2 | 51 | 9224 | 9424 |
| 9228H | 9428H | 28 | 1-5/16 | 33 | 2-1/4 | 57 | 9228 | 9428 |
| 9232H | 9432H | 32 | 1-9/16 | 40 | 2-1/2 | 64 | 9232 | 9432 |
| 9236H | 9436H | 36 | 1-13/16 | 46 | 2-3/4 | 70 | 9236 | 9436 |
| 9240H | 9440H | 40 | 2-1/16 | 52 | 3 | 76 | 9240 | 9440 |
| 9244H | 9444H | 44 | 2-5/16 | 59 | 3-1/4 | 83 | 9244 | 9444 |
| 9248H | 9448H | 48 | 2-9/16 | 65 | 3-1/2 | 89 | 9248 | 9448 |
| 9252H | 9452H | 52 | 2-13/16 | 71 | 3-3/ | 95 | 9252 | 9452 |
| 9256H | 9456H | 56 | 3-1/16 | 78 | 4 | 102 | 9256 | 9456 |
| 9260H | — | 60 | 3-5/16 | 84 | 4-1/4 | 108 | 9260 | 9460 |
| 9264H | — | 64 | 3-9/16 | 91 | 4-1/2 | 114 | 9264 | 9464 |
| 9272H | — | 72 | 4-1/8 | 48 | 5 | 127 | 9272 | 9472 |
| 9280H | — | 80 | 4-5/8 | 64 | 5-1/2 | 140 | 9280 | 9480 |
| — | — | 88 | 5-1/8 | 79 | 6 | 152 | 9288 | 9488 |
| — | — | 96 | 5-5/8 | 92 | 6-1/2 | 165 | 9296 | 9496 |
| — | — | 104 | 6-1/8 | 105 | 7 | 178 | 92104 | 94104 |

## HI-TORQUE® HEAVY DUTY CLAMPS

**Super strong worm-gear clamp — incredible torquing drive (150+ in/lbs), sealing pressure and vibration resistance.** BREEZE



HTM-400
Standard Hi-Torque



HTM-400SP
Hi-Torque With Liner

| | 5/8" BAND | | | EFFECTIVE DIAMETER RANGE | | | |
|---|---|---|---|---|---|---|---|
| | 410 STAINLESS STEEL PN | STAINLESS STEEL PN | SAE SIZE | MINIMUM | | MAXIMUM | |
| | | | | INCH | MM | INCH | MM |
| | HTM-175 | HTM-175SP | — | 1 | 25 | 1-3/4 | 45 |
| | HTM-200 | HTM-200SP | 212 | 1-1/4 | 32 | 2-1/8 | 54 |
| | HTM-250 | HTM-250SP | 262 | 1-3/4 | 45 | 2-5/8 | 67 |
| | HTM-300 | HTM-300SP | 312 | 2-1/4 | 57 | 3-1/8 | 79 |
| | HTM-350 | HTM-350SP | 362 | 2-3/4 | 70 | 3-5/8 | 92 |
| | HTM-400 | HTM-400SP | 412 | 3-1/4 | 83 | 4-1/8 | 105 |
| | HTM-450 | HTM-450SP | 462 | 3-3/4 | 95 | 4-5/8 | 118 |
| | HTM-500 | HTM-500SP | 512 | 4-1/4 | 108 | 5-1/8 | 130 |
| | HTM-550 | HTM-550SP | 562 | 4-3/4 | 121 | 5-5/8 | 143 |
| | HTM-600 | HTM-600SP | 612 | 5-1/4 | 133 | 6-1/8 | 156 |
| | HTM-650 | HTM-650SP | 662 | 5-3/4 | 146 | 6-5/8 | 168 |
| | HTM-700 | HTM-700SP | 712 | 6-1/4 | 159 | 7-1/8 | 181 |
| | HTM-750 | HTM-750SP | 762 | 6-3/4 | 172 | 7-5/8 | 194 |
| | HTM-800 | HTM-800SP | 812 | 7-1/4 | 184 | 8-1/8 | 206 |
| | HTM-850 | HTM-850SP | 862 | 7-3/4 | 197 | 8-5/8 | 219 |
| | HTM-900 | HTM-900SP | 912 | 8-1/4 | 210 | 9-1/8 | 232 |
| | **EXTENDED RANGE SIZES** | | | | | | |
| | HP-2 | HP-2SP | — | 1-1/4 | 32 | 2-5/8 | 67 |
| | HP-3 | HP-3SP | — | 2-1/8 | 54 | 4-1/8 | 105 |
| | HP-4 | HP-4SP | — | 4 | 102 | 6-1/8 | 156 |
| | HP-5 | HP-5SP | — | 6-1/8 | 156 | 9-1/8 | 232 |

NOTE: Also available in 316 stainless steel as special order.

## GENERAL PURPOSE CLAMPS

- Automotive and industrial clamps
- Use for all standard clamp applications
- High strength 4-piece lock construction exceeds all SAE requirements

BREEZE



| PLATED HEX SCREW PN | 410 HEX SCREW STAINLESS STEEL PN | SAE SIZE | EFFECTIVE DIAMETER RANGE | | | |
|---|---|---|---|---|---|---|
| | | | MINIMUM | | MAXIMUM | |
| | | | INCH | MM | INCH | MM |
| 62006HC | 64006 | 6 | 7/16 | 11 | 25/32 | 20 |
| 62008HC | 64008 | 8 | 1/2 | 13 | 29/32 | 23 |
| 62010HC | 64010 | 10 | 9/16 | 14 | 1-1/16 | 27 |
| 62012HC | 64012 | 12 | 11/16 | 17 | 1-1/4 | 32 |
| 62016HC | 64016 | 16 | 13/16 | 21 | 1-1/2 | 38 |
| 62020HC | 64020 | 20 | 13/16 | 21 | 1-3/4 | 44 |
| 62024HC-H | 64024 | 24 | 1-1/16 | 27 | 2 | 51 |
| 62028HC | 64028 | 28 | 1-5/16 | 33 | 2-1/4 | 57 |
| 62032HC | 64032 | 32 | 1-9/16 | 40 | 2-1/2 | 64 |
| 62036HC | 64036 | 36 | 1-13/16 | 46 | 2-3/4 | 70 |
| 62040HC | 64040 | 40 | 2-1/16 | 52 | 3 | 76 |
| 62044HC | 64044 | 44 | 2-5/16 | 59 | 3-1/4 | 83 |
| 62048HC | 64048 | 48 | 2-9/16 | 65 | 3-1/2 | 89 |
| 62052HC-H | 64052 | 52 | 2-13/16 | 71 | 3-3/4 | 95 |
| 62056H | 64056 | 56 | 3-1/16 | 78 | 4 | 102 |
| 62060HC | 64060 | 60 | 3-5/16 | 84 | 4-1/4 | 108 |
| 62064H | 64064 | 64 | 3-9/16 | 91 | 4-1/2 | 114 |
| 62072H | 64072 | 72 | 1-7/8 | 48 | 5 | 127 |
| 62080H | 64080 | 80 | 2-1/2 | 64 | 5-1/2 | 140 |
| 62088H | 64088 | 88 | 3-1/8 | 79 | 6 | 152 |
| 62096H | 64096 | 96 | 3-5/8 | 92 | 6-1/2 | 165 |
| 62104H | 64104 | 104 | 4-1/8 | 105 | 7 | 178 |

## MINI CLAMPS

- Lightweight and streamlined for small diameter applications, such as air and fuel lines
- Allows for installation in tight fitting or difficult to reach areas
- Creates high sealing pressure with only 10 to 15 in/lbs of installation torque

BREEZE

| 5/16" BAND | | | | | EFFECTIVE DIAMETER RANGE | | | |
|---|---|---|---|---|---|---|---|---|
| PLATED HEX SCREW PN | 410 HEX SCREW STAINLESS STEEL PN | 300 HEX SCREW STAINLESS STEEL PN | ALL 316 STAINLESS STEEL PN | SAE SIZE | MINIMUM | | MAXIMUM | |
| | | | | | INCH | MM | INCH | MM |
| 3504 | 3604 | 3704 | 3804 | 4 | 7//32 | 5.6 | 5/8 | 16 |
| 3506 | 3606 | 3706 | 3806 | 6 | 7/16 | 11 | 25/32 | 20 |
| 3508 | 3608 | 3708 | 3808 | 8 | 1/2 | 13 | 29/32 | 23 |
| 3510 | 3610 | 3710 | 3810 | 10 | 9/16 | 14 | 1-1/16 | 27 |
| 3512 | 3612 | 3712 | — | 12 | 11/16 | 17 | 1-1/4 | 32 |
| 3516 | 3616 | 3716 | — | 16 | 15/16 | 24 | 1-1/2 | 38 |
| 3520 | 3620 | 3720 | — | 20 | 1-3/16 | 30 | 1-3/4 | 44 |
| 3524 | 3624 | 3724 | — | 24 | 1-7/16 | 37 | 2 | 51 |
| 3528 | 3628 | 3728 | — | 28 | 1-11/16 | 43 | 2-1/4 | 57 |
| 3532 | 3632 | 3732 | — | 32 | 1-15/16 | 49 | 2-1/2 | 64 |

# 11 Air Intake

## CHARGE AIR COOLERS

### CHARGE AIR COOLERS

- New, No Core
- Two-year nationwide warranty
- OEM form, fit and function
- 100% leak free
- Brazed aluminum construction with all new parts

NEW, NO CORE

PP0441104



PP0441107



PP0441146



PP0441115

| PN | APPLICATION | ACTIVE® PN | SPI PN |
|---|---|---|---|
| PP0441267 | Flexliner Coach | TRA12005NV | — |
| PP0441184 | Ford / Sterling | FOR19012NV | 4401-1519 |
| P0441100 | Ford / Sterling | FOR19001NV | 4401-1501 |
| P0441172 | Ford / Sterling | FOR19010NV | — |
| P0441180 | Ford / Sterling | FOR19006NV | — |
| PP0441181 | Ford / Sterling | FOR19011NV | — |
| PP0441182 | Ford / Sterling | FOR19018NV | 4401-1503 |
| PP0441183 | Ford / Sterling | — | — |
| PP0441226 | Ford / Sterling | FOR19014NV | 4401-1517 |
| PP0441179 | Ford / Sterling | FOR19003NV | 4401-1506 |
| PP0441150 | Freightliner | FRT18112NV | — |
| PP0441101 | Freightliner | FRT18105NV | 4401-1702 |
| PP0441107 | Freightliner | FRT18106NV | 4401-1705 |
| PP0441240 | Freightliner | FRT18127NV | 4401-1719 |
| PP0441113 | Freightliner | FRT18110NV | 4401-1701 |
| PP0441146 | Freightliner | FRT18119NV | 4401-1707 |
| PP0441237 | Freightliner | FRT18122NV | — |
| PP0441297 | Freightliner | FRT18130NV | — |
| PP0441238 | Freightliner | FRT18133-NV | 4401-1726 |
| PP0441300 | International / Navistar | NAV16427NV | — |
| PP0441304 | International / Navistar | NAV16422NV | — |
| PP0441305 | International / Navistar | NAV16421NV | 4401-3511 |
| PP0441306 | International / Navistar | NAV16426NV | — |
| PP0441265 | International / Navistar | NAV16417NV | — |
| PP0441192 | International / Navistar | NAV16411NV | 4401-3507 |
| PP0441193 | International / Navistar | NAV16413NV | 4401-3506 |
| PP0441115 | International / Navistar | NAV16409NV | — |
| PP0441264 | International / Navistar | NAV16425NV | — |
| PP0441286 | International / Navistar | NAV16416NV | — |

## CHARGE AIR COOLERS, continued

NEW, NO CORE


PP0441103


PP0441109


PP0441258


PP0441114

| PN | APPLICATION | ACTIVE® PN | SPI PN |
|---|---|---|---|
| PP0441103 | Kenworth | KEN16506NV | 4401-2502 |
| PP0441274 | Kenworth | PET17712NV | 4401-2510 |
| PP0441105 | Kenworth | KEN16502NV | 4401-2501 |
| PP0441218 | Kenworth | KEN16511NV | — |
| PP0441156 | Kenworth | KEN16510NV | 4401-2508 |
| PP0441258 | Mack | MAC17325NV | — |
| PP0441309 | Mack | MAC17327NV | — |
| PP0441159 | Mack | MAC17317NV | — |
| PP0441109 | Mack | MAC17305NV | 4401-3001 |
| PP0441125 | Mack | MAC17324NV | — |
| PP0441161 | Mack | MAC17323NV | 4401-3010 |
| PP0441162 | Mack | MAC17315NV | 4401-3007 |
| PP0441219 | Mack | MAC17322NV | 4401-3016 |
| PP0441258 | Mack | — | |
| PP0441278 | New Flyer | TRA12007NV | — |
| PP0441208 | Oshkosh / Advance | — | — |
| PP0441261 | Peterbilt | PET17709NV | 4401-3804 |
| PP0441104 | Peterbilt | KEN16506NV | 4401-2507 |
| PP0441312 | Peterbilt | PET17711NV | — |
| PP0441114 | Peterbilt | PET17703NV | 4401-3802 |
| PP0441279 | Peterbilt | PET17715NV | — |
| PP0441314 | Peterbilt | PET17714NV | — |
| PP0441216 | Peterbilt | PET17706NV | 4401-3805 |
| PP0441313 | Peterbilt | PET17718NV | — |
| PP0441165 | Volvo | VOL18818NV | 4401-4616 |
| PP0441281 | Volvo | VOL18823NV | — |
| PP0441282 | Volvo | VOL18817NV | — |
| PP0441316 | Volvo | VOL18825NV | — |
| PP0441285 | Volvo | VOL18822NV | — |
| PP0441317 | Volvo | MAC17329NV | — |
| PP0441169 | Volvo | VOL18813NV | 4401-4605 |
| PP0441170 | Volvo | VOL18812NV | 4401-4603 |
| PP0441112 | Volvo | VOL18811NV | 4401-4601 |
| PP0441108 | Volvo | VOL18806NV | 4401-4604 |
| PP0441199 | Western Star | WES18203NV | 4401-4701 |
| PP0441275 | Western Star | WES18204NV | — |

# CHARGE AIR COOLERS

## BUSES — ALUMINUM FURNACE BRAZED

| PN | APPLICATION | COMMON OEM PN |
|---|---|---|
| PP0441129 | For Mack 2000-2007 LE w/ AI Engine | 3MD531 |
| PP0441258 | For Mack1999-2007 MR | 3MD539 |
| PP0441310 | For Mack 2007-2011 MRU | 3MF5530 |
| PP0441216 | For Peterbilt 1993-2007 Model 320 | 3MF5568M |
| PP0441309 | For Mack 2007-2011 LEU | 3MF5578M |
| PP04411281 | For Autocar 1996-2007 Expeditor WX | 3MF5582M2 |
| PP0441316 | For Autocar 2003-2009 Expeditor WX, 09-10 ACX | 3MF5584M |

## REFUSE — ALUMINUM FURNACE BRAZED

| PN | APPLICATION | CONSTRUCTION |
|---|---|---|
| PP0441263 | For 2003-2007 Bluebird All American Rear Engine (A3RE) | Aluminum Furnace Brazed |
| PP0441244 | For Gillig Bus Multiple Years / Multiple Models and Chassis | Aluminum Furnace Brazed |
| PP0441206 | For 2002-2008 Prevost Bus II | Aluminum Furnace Brazed |

## TURBOCHARGERS

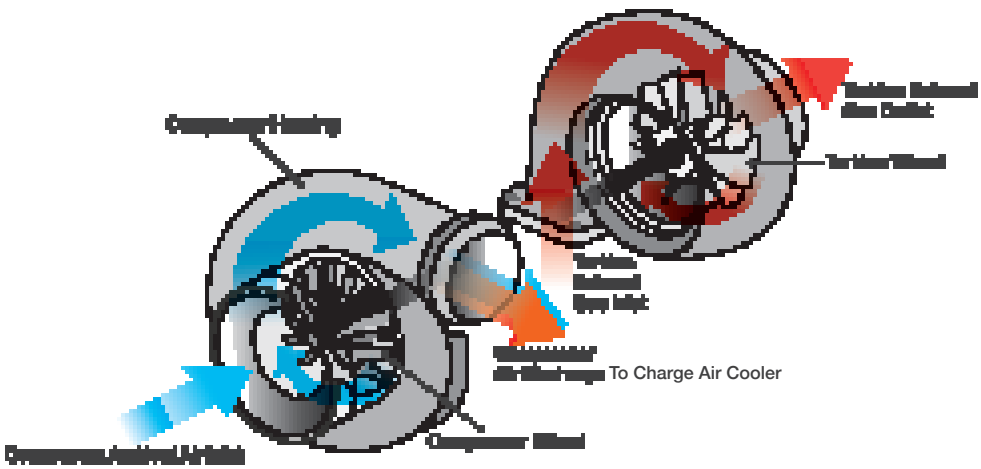
- Over 20 years of experience remanufacturing turbochargers
- Ability to remanufacture 2,000+ SKU's
- All wearable components are replaced with 100% new OE quality equivalents
- All turbos include actuators where applicable
- All components are inspected for quality assurance
- 12-month unlimited mileage warranty

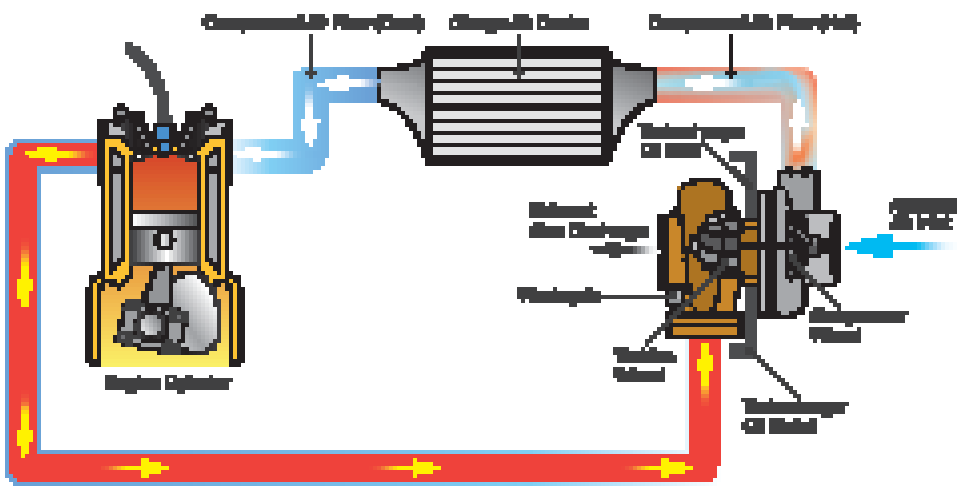






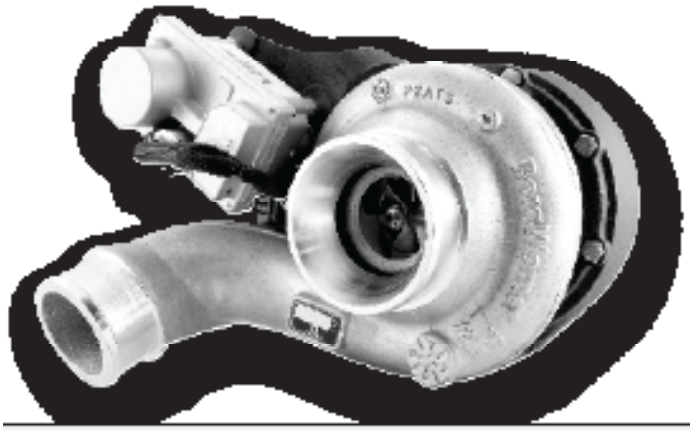
### How Turbochargers Work



# TURBOS — DIAGNOSTIC MATRIX

## TYPES OF FAILURE



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Dirty air filter system | ● | | ● | ● | | ● | ● | | |
| Suction and pressure line distorted or leaking | ● | | ● | | ● | | | | |
| Excessive flow resistance in exhaust system | ● | | ● | ● | ● | ● | ● | | |
| Leakage upstream of turbine | ● | | ● | ● | ● | ● | ● | | |
| Oil feed and drain line clogged, leaking or distorted | | | | ● | | ● | ● | ● | |
| Crankcase ventilation clogged and distorted | | | | ● | | ● | ● | ● | |
| Coke and sludge in turbocharger center housing | | | | ● | | ● | ● | ● | |
| Fuel System/injection feed system defective or incorrectly adjusted | ● | ● | ● | | | | | | |
| Valve guide, piston rings, engine or cylinder liners worn | ● | | ● | ● | | ● | ● | ● | |
| Increased blow by | ● | | ● | ● | | ● | ● | ● | |
| Dirty compression or charge air cooler | ● | | ● | ● | ● | ● | ● | | |
| Boost pressure control swing valve/poppet valve does not close | ● | | ● | | | | | | |
| Boost pressure control swing valve/poppet valve does not open | | ● | | | | | | | |
| Pipe assy to swing valve/poppet valve defective | ● | ● | | | | | | | |
| Piston ring sealing defective | | | | ● | | ● | ● | ● | |
| Turbocharger bearing damage | ● | ● | | ● | ● | ● | ● | ● | ● |
| Foreign body damage on compressor or turbine | ● | ● | | ● | | ● | | | |
| Exhaust gas leakage between turbine outlet and exhaust pipe | | | | | | ● | | | |
| Engine air collector cracked/missing or loose gaskets | | ● | | ● | | ● | | | |
| Turbine housing/flap damaged | ● | ● | | ● | | ● | | | |
| Insufficient oil supply of turbocharger | ● | ● | | ● | | ● | | | |

## TURBO CHARGERS

NEW, NO CORE

- New, No Core
- Two-year warranty

| POWER PRODUCTS NEW PN | MODEL/ ITEM DESCRIPTION | PREVIOUS REMAN PN | CROSS REFERENCES | CROSS REFERENCES | CROSS REFERENCES |
|---|---|---|---|---|---|
| PP1080016 | Turbocharger, K31 | 1080016R | 1080016 | 172743 | 174929 |
| PP5080003 | Turbocharger, GTA4508V | 5080003R | 5080003 | 758204-0010 | 7582040010 |
| PP1080007 | Turbocharger, S300 | 1080007R | 1080007 | 1080153 | 173528 |
| PP2080008 | Turbocharger, HE400VG | 2080008R | 2080008 | 3776805 | 3769175 |
| PP1080004 | Turbocharger, S410G | 1080004R | 1080004 | 177148 | 466445-0024 |
| PP1080006 | Turbocharger, S400S062 | 1080006R | 1080006 | 171702 | 466713-0005 |
| PP1080005 | Turbocharger, BHT3E | 1080005R | 1080005 | 3804807 | 3592715 |
| PP2080012 | Turbocharger, HE500VG | 2080012R | 2080012 | 3780526 | 3792776 |
| PP1080012 | Turbocharger, S300V | 1080012R | 1080012 | 173900 | 179030 |
| PP1080013 | Turbocharger, S300V | 1080013R | 1080013 | 179035 | 175733 |
| PP1080018 | Turbocharger, S300G | 1080018R | 1080018 | 179077 | 751361-0001 |
| PP1080008 | Turbocharger, S400S061 | 1080008R | 1080008 | 171701 | 23516431 |
| PP1080015 | Turbocharger, S300 | 1080015R | 1080015 | 174825 | 173527 |
| PP5080046 | Turbocharger, GTA4294BS | 5080046R | 5080046 | 741154-0011 | 7411540011 |
| PP2080014 | Turbocharger, HE551V | 2080014R | 2080014 | 3768264 | 2843888 |
| PP1080009 | Turbocharger, S410G | 1080009R | 1080009 | 174260 | 471036-0001 |
| PP5080048 | Turbocharger, GTA5518B | 5080048R | 5080048 | 741155-0003 | 7411550003 |
| PP1080237 | Turbocharger, S400 | 1080237R | 1080237 | 178923 | 3590044 |
| PP5080006 | Turbocharger, GT3782VA | 5080006R | 5080006 | 743250-0001 | 7432500001 |

## TURBO HOSES — BULK

| | NEW PN | OLD PN | DESCRIPTION |
|---|---|---|---|
| | HT40-300X36 | TS300BULK | Aramid Coolant 3” |
| | HT40-350X36 | TS350BULK | Aramid Coolant 3.5” |
| | HT40-400X36 | TS400BULK | Aramid Coolant 4” |

# TURBO ACCESSORIES

## TURBO TUBES†

- Includes clamps (where applicable)
- Direct replacement for a proper fit every time
- Constructed from durable oil- and heat-resistant material

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  341-5010 | 341-5010 | Turbo Charge Tube/ Turbocharger Intercooler Hose | 2003–2007 | Freightliner | Columbia, Columbia 112, Columbia 120 |

- Direct replacement for a proper fit every time
- Easily fits into the bottom of the turbocharger
- To avoid oil leaks and improper engine function the turbo drain tube is zinc plated for extra protection

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  936-5503 | 936-5503 | Turbo Drain Tube/ Turbocharger Drain Tube | 1998–2005 | Mack, Oshkosh Motor Truck Co. | CH, CL, CV, CX, DM, DMM, FCM, FDM, LE, MR, RB, RD, S | E7; Mack, EM7; Mack |

## TURBOCHARGER DOWN PIPE†

- Stainless steel tubular construction for extra protection against rust
- Easy to install with clamps at both ends
- Vehicle try-on and salt spray testing has been conducted to ensure trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  674-5009 | 674-5009 | Exhaust Bellow Pipe/ Turbocharger Down Pipe | 2011–2016 | Mack | MRU | ISL-G |

## TURBOCHARGER BOOST PRESSURE VALVE†

- Direct replacement for a proper fit every time
- No special tools required for installation
- A necessary replacement item to meet state inspection requirements

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  599-5001 | 599-5001 | Air Control Valve/ Turbocharger Boost Pressure Valve | 2005–2007 | Freightliner, International, Kenworth, Mack, Peterbilt, Volvo, Western Star | 320, 357, 378, 379, 385, 386, 387, 4900, 5500i, 5600i, 5900i, 7600, 7700, 9200i SBA, 9400, 9400i SBA, 9900i, 9900ix, Argosy, C500, CL, Columbia, Columbia 112, Columbia 120, FLD 112, FLD 120, FLD120 SD, FLD132, T2000, T600A, T800, VNL, VNM, VT, W900 | ISM 10.8; ISM 10.8; 112 SubModel, ISX 15.0; ISX 15.0; CL700 SubModel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURBOCHARGER ACTUATORS†

- Replacement protects against damage to the turbocharger and turbo vane position sensors
- Reduce Repair Cost — Replace just the failed VGT actuator, instead of the entire turbocharger assembly
- For extra protection a clear coating is applied to the actuator after the part has been cleaned and blasted

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  599-5002 | 599-5002 | VGT Actuator/ Turbocharger Actuator | 2003–2015 | Volvo | 9700, VAH, VHD, VN, VNL, VNM, VT | D11; Volvo, D12; Volvo, D13; Volvo, D16; Volvo |
| | 904-5503 | VGT Actuator/ Turbocharger Actuator | 2003–2015 | Volvo | 9700, VAH, VHD, VN, VNL, VNM, VT | D11; Volvo, D12; Volvo, D13; Volvo, D16; Volvo |

## TURBO ACCESSORIES†

- Made of cast iron, stainless steel, aluminum, and plastic for increased durability and a longer service life
- Helps reduce emissions to protect the environment
- Vehicle try-on testing has been conducted on this part to ensure trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
| 904-5054  | 904-5054 | Throttle Valve/ Diesel Engine Air Intake Throttle Duct | 2011–2015 | International | 8600 TranStar, ProStar | MaxxForce 11, MaxxForce 13 |

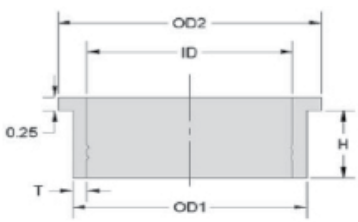
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# INLET CAPS / INTAKE INSERTS

## INLET CAPS — PLASTIC

| | PN | FITS OD | HEIGHT | HOOD DIAMETER | FINISH |
|---|---|---|---|---|---|
|  H000606 | H000471 | 4.5″ | 4.875″ | 11.5″ | Black |
| | H000472 | 4″ | 5″ | 11.5″ | Black |
| | H000605 | 5″ | 5.75″ | 16″ | Black |
|  H001948 | H000606 | 6″ | 5.75″ | 16″ | Black |
| | H000607 | 7″ | 5.75″ | 16″ | Black |
| | H001053 | 8″ | — | 16″ | Black |
| | H001948 | 6″ | 5.687″ | 16″ | Chrome |

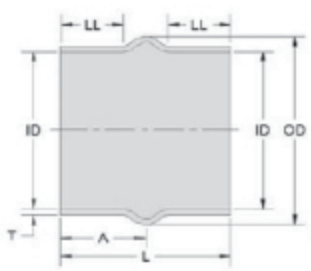
## INTAKE INSERTS — RUBBER

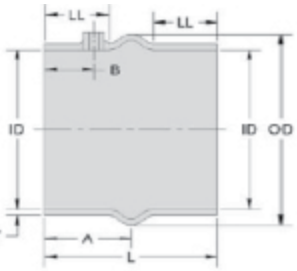
| | PN | ID | OD 1 | OD 2 | H | T |
|---|---|---|---|---|---|---|
|    N30X20 | N30X20 | 2″ | 3″ | 3.5 | 1″ | .5″ |
| | N40X30 | 3″ | 4″ | 4.5 | 1″ | .5″ |
| | N50X40 | 4″ | 5″ | 5.5 | 1.5″ | 4″ |
| | N60X50 | 5″ | 6″ | 6.5 | 1.5″ | 0.5″ |
| | N60X55 | 5.5″ | 6″ | 6.5 | 1.5″ | .25″ |
| | N70X60 | 6″ | 7″ | 7.5 | 1.5″ | .5″ |

## INTAKE HUMP HOSES — RUBBER

| | PN | ID | L | A | LL | OD | B | T |
|---|---|---|---|---|---|---|---|---|
|  HH60 | HH30 | 3″ | 5.25″ | 2.62″ | 1.87″ | 4.5″ | — | .25″ |
| | HH35 | 3.5″ | 5.25″ | 2.62″ | 1.92″ | 5″ | — | .25″ |
| | HH40 | 4″ | 5.25″ | 2.63″ | 2″ | 5.25″ | — | .25″ |
| | HH45 | 4.5″ | 6″ | 3″ | 2.32″ | 5.88″ | — | .25″ |
| | HH50 | 5″ | 6″ | 3″ | 2.25″ | 6.1″ | — | .25″ |
| | HH55 | 5.5″ | 6″ | 3″ | 2.13″ | 7″ | — | .25″ |
| | HH60 | 6″ | 6″ | 3″ | 2.17″ | 7.38″ | — | .25″ |
| | HH70 | 7″ | 7″ | 3.5″ | 2.58″ | 8.3″ | — | .25″ |
| | HH80 | 8″ | 8″ | 4″ | 2.86″ | 10″ | — | .28″ |

Hump Hose




Hump Hose w/ Fitting

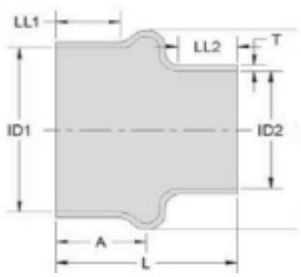
## INTAKE HUMP HOSES REDUCING — RUBBER

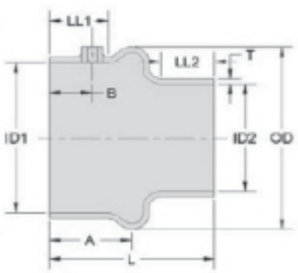
| PN | ID 1 | ID 2 | L | A | LL 1 | LL 2 | OD | B | T |
|---|---|---|---|---|---|---|---|---|---|
| HH30X25 | 3″ | 2.5″ | 4.5″ | 2.25″ | 1.6″ | 1.51″ | 4.25″ | — | .25″ |
| HH35X30 | 3.5″ | 3″ | 5″ | 2.5″ | 1.79″ | 1.75″ | 5″ | — | .25″ |
| HH40X30 | 4″ | 3″ | 5.25″ | 2.63″ | 1.94″ | 1.88″ | 5.38″ | — | .25″ |
| HH45X40 | 4.5″ | 4″ | 6″ | 3″ | 2.13″ | 2.03″ | 6″ | — | .25″ |
| HH50X40 | 5″ | 4″ | 6″ | 3″ | 2.13″ | 1.81″ | 6.25″ | — | .25″ |
| HH55X50 | 5.5″ | 5″ | 6″ | 3″ | 2.13″ | 1.88″ | 7″ | — | .25″ |
| HH60X50 | 6″ | 5″ | 6″ | 3″ | 2.13″ | 1.88″ | 7.5″ | — | .25″ |
| HH60X55 | 6″ | 5.5″ | 6″ | 3″ | 2.13″ | 1.88″ | 7.5″ | — | .25″ |
| HH70X50 | 7″ | 5″ | 7″ | 3.5″ | 2.5″ | 2.28″ | 8.5″ | — | .25″ |
| HH70X55 | 7″ | 5.5″ | 7″ | 3.5″ | 2.5″ | 2.28″ | 8.5″ | — | .25″ |
| HH70X60 | 7″ | 6″ | 6″ | 2.75″ | 2.25″ | 1.53″ | 8.5″ | — | .25″ |
| HH80X70 | 8″ | 7″ | 6″ | 3″ | 2″ | 1.78″ | 9.5″ | — | .25″ |



HH40X30

Reducing Hump Hose

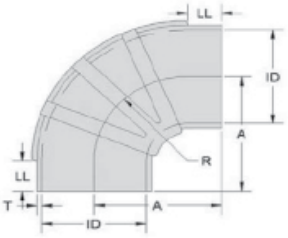



Reducing Hump Hose w/ Fitting

# RUBBER ELBOWS

## INTAKE 90° ELBOWS — RUBBER



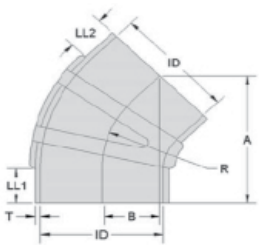

- Specifically formulated EPDM compound
- Vacuum collapse rating exceeds 4" Hg. mercury
- Recommended for temperatures -60° F to +300° F duty
- Complies with physical property requirements of ASTM D2000/3BA715A14/B13C12F17



RE55

| PN | ID | A | LL | R | T |
|---|---|---|---|---|---|
| RE30 | 3" | 5.25" | 1.5" | 3.75" | .25" |
| RE35 | 3.5" | 5.5" | 2" | 3.5" | .25" |
| RE40 | 4" | 5.75" | 1.25" | 4.5" | .25" |
| RE45 | 4.5" | 5.5" | 2" | 3.5" | .25" |
| RE50 | 5" | 6.12" | 1.62" | 4.5" | .25" |
| RE55 | 5.5" | 6.5" | 1.75" | 4.75" | .25" |
| RE60 | 6" | 6.75" | 1.75" | 5" | .25" |
| RE70 | 7" | 7.56" | 2" | 5.56" | .31" |

## INTAKE 45° ELBOWS — RUBBER




- Specifically formulated EPDM compound
- Vacuum collapse rating exceeds 4" Hg. mercury
- Recommended for temperatures -60° F to +300° F duty
- Complies with physical property requirements of ASTM D2000/3BA715A14/B13C12F17



RE50-45

| PN | ID | A | B | LL 1 | LL 2 | R | T |
|---|---|---|---|---|---|---|---|
| RE30-45 | 3" | 5.5" | 2.28" | 1.60" | 1.60" | 3.75" | .25" |
| RE40-45 | 3.5" | 5.5" | 2.34" | 1.46" | 1.46" | 4.25" | .25" |
| RE50-45 | 4" | 5.5" | 2.28" | 1.36" | 1.36" | 4.5" | .25" |
| RE55-45 | 5.5" | 6.25" | 2.60" | 1.70" | 1.70" | 4.75" | .25" |
| RE60-45 | 6" | 6.5" | 2.69" | 1.74" | 1.74" | 5" | .25" |
| RE70-45 | 7" | 8" | 3.31" | 2.34" | 2.34" | 5.56" | .31" |

## INTAKE REDUCING ELBOWS — 90° & 45° — RUBBER



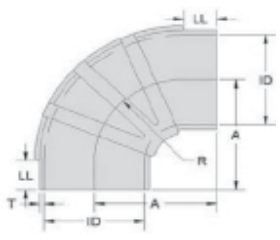
RE40X30

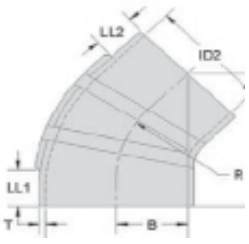


RE70X60-45

| PN | ID 1 | ID 2 | A | B | LL 1 | LL 2 | R | T |
|---|---|---|---|---|---|---|---|---|
| RE70X60-45 | 7″ | 6″ | 7.25″ | 3.5″ | 2″ | 2″ | 5.31″ | .31″ |
| RE40X30 | 4″ | 3″ | 4.5″ | 3.62″ | 1″ | 0.62″ | 3″ | .25″ |
| RE40X35 | 4″ | 3.5″ | 4.5″ | 3.62″ | 1.25″ | 0.62″ | 3″ | .19″ |
| RE50X40 | 5″ | 4″ | 5.75″ | 6″ | 1.75″ | 1.75″ | 3.75″ | .25″ |
| RE55X50 | 5.5″ | 5″ | 5.2″ | 6.5″ | 1.18″ | 2.5″ | 4″ | .25″ |
| RE60X50 | 6″ | 5″ | 7″ | 6″ | 1.75″ | 1.75″ | 4.25″ | .25″ |
| RE60X55 | 6″ | 5.5″ | 5″ | 5″ | 1.38″ | 1.63″ | 3.5″ | .25″ |
| RE70X50 | 7″ | 5″ | 7″ | 6.25″ | 2.74″ | 1.75″ | 4.25″ | .25″ |
| RE70X55 | 7″ | 5.5″ | 5.75″ | 6.25″ | 1.5″ | 1.5″ | 3.68″ | .31″ |
| RE70X60 | 7″ | 6″ | 7.5″ | 9″ | 3″ | 4.5″ | 4.38″ | .38″ |
| RE80X70 | 8″ | 7″ | 8.5″ | 8.5″ | 2″ | 2″ | 6.5″ | .42″ |

*90° Reducing Elbow*



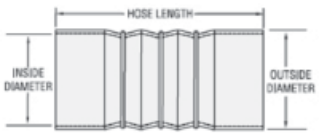

*45° Reducing Elbow*

## INTAKE CHARGE AIR HOSE SLEEVES & BELLOWS



CSB/HSB Series

- 4-ply silicone aramid reinforced
- 316 stainless steel restraining rings reduce swelling and increase hoop strength
- UV and ozone resistant




### CHARGE AIR HOSE — HOT SIDE

| HOSE ID | | | | HOSE OD | | LENGTH |
|---|---|---|---|---|---|---|
| NEW PN | OLD PN | IN. | MM | IN. | MM | IN. |
| CAC40-300X6 | HSB30 | 3″ | 76.2 | 3.22″ | 81.79 | 6″ |
| CAC40-350X6 | HSB35 | 3.5″ | 88.9 | 3.72″ | 94.49 | 6″ |
| CAC40-400X6 | HSB40 | 4″ | 101.6 | 4.22″ | 107.19 | 6″ |
| CAC40-400X8 | HSB40X8 | 4″ | 101.6 | 4.22″ | 107.19 | 8″ |
| CAC40-450X6 | HSB45 | 4.5″ | 114.3 | 4.71″ | 119.99 | 6″ |

*Temperatures: -65° to 500°F (-53.9° C To 260° C)*

### CHARGE AIR HOSE — COLD SIDE

| HOSE ID | | | | HOSE OD | | LENGTH |
|---|---|---|---|---|---|---|
| NEW PN | OLD PN | IN. | MM | IN. | MM | IN. |
| CAC40P-300X6 | CSB30 | 3″ | 76.2 | 3.26″ | 82.8 | 6″ |
| CAC40P-350X6 | CSB35 | 3.5″ | 88.9 | 3.76″ | 95.5 | 6″ |
| CAC40P-400X6 | CSB40 | 4″ | 101.6 | 4.26″ | 108.2 | 6″ |
| CAC40P-400X8 | CSB40X8 | 4″ | 101.6 | 4.26″ | 108.2 | 8″ |
| CAC40P-450X6 | CSB45 | 4.5″ | 114.3 | 4.76″ | 120.9 | 6″ |

*Temperatures: -65° to 350°F (-53.9° C to 176.6° C)*

# 12 Exhaust

## BRAKE ACTUATORS / EXHAUST CLAMPS

### BRAKE ACTUATORS†

- Direct replacement for a proper fit every time
- Integrated with a solenoid to open the exhaust valve to assist engine in stopping the vehicle and reduce brake wear
- No specialized tools required during installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  904-7108 | 904-7108 | Exhaust Brake Actuator | 2002–2009 | Freightliner, International, Kenworth, KME, Mack, Peterbilt, Spartan, Sterling Truck, Volvo, Western Star | | ISX 15.0, ISX-385 ST, ISX-400, ISX-425, ISX-450, ISX-475, ISX-485, ISX-500, Eng |
| | 904-7639 | Exhaust Brake Actuator | 2014–2016 | Kenworth, Peterbilt | 365, 367, 384, 386, 388, 389, 567, 579, 587, T660, T680, T700, T800, T880, W900 | MX-13; PACCAR |

### FLAT BAND & LAP JOINT CLAMPS

Flat band clamps can be doubled for larger applications. Use two 3-1/2" for 7" applications, two 4" clamps for 8" applications, etc.


PBC400


PBC400A


FBC500

| | FLAT BAND | | PRE-FORMED LAP JOINT | |
|---|---|---|---|---|
| SIZE | STAINLESS PN | ALUMINIZED PN | STAINLESS PN | ALUMINIZED PN |
| 2" | FBC200 | — | — | — |
| 2-1/4" | FBC225 | — | — | — |
| 2-1/2" | FBC250 | — | — | — |
| 2-3/4" | FBC275 | — | — | — |
| 3" | FBC300 | FBC300A | — | — |
| 3-1/2" | FBC350 | FBC350A | — | — |
| 4" | FBC400 | FBC400A | PBC400 | PBC400A |
| 4-1/2" | FBC450 | — | — | — |
| 5" | FBC500 | FBC500A | PBC500 | PBC500A |
| 6" | FBC600 | — | — | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TORCA REPLACEMENT CLAMPS

Torca style clamps are a better replacement for U-Bolt type exhaust clamps on slotted rigid pipe. They create over a ton of clamping strength without crushing pipes, and can be installed quicker since it uses only one pre-installed fastener. These are now standard with several OEMs and are frequently used to attach inlet pipes and stacks to mufflers.

| | LAP JOINT | | | BUTT JOINT | | FLAT BAND | NARROW BAND |
|---|---|---|---|---|---|---|---|
| | SIZE | STAINLESS PN | ALUMINIZED PN | STAINLESS PN | ALUMINIZED PN | STAINLESS PN | ALUMINIZED PN |
|  TLC200S | 2″ | TLC200S | — | — | — | TES200 | — |
| | 2-1/4″ | TLC225S | — | — | — | TES225 | — |
| | 2-1/2″ | TLC250S | TLC250A | — | — | TES250 | — |
|  TLC400S | 2-3/4″ | TLC275S | TLC275A | — | — | TES275 | — |
| | 3″ | TLC300S | TLC300A | — | TBC300A | TES300 | TAS300A |
| | 3-1/2″ | TLC350S | TLC350A | — | TBC350A | TES350 | TAS350A |
| | 4″ | TLC400S | TLC400A | TBC400S | TBC400A | TES400 | TAS400A |
|  TBC300A | 4″ | TLC4005-10 | TLC400A-10 | — | — | — | — |
| | 4-1/2″ | TLC450S | TLC450A | — | — | TES450 | — |
| | 5″ | TLC500S | TLC500A | TBC500S | TBC500A | TES500 | TAS500A |
|  TAS300A | 5″ | TLC5005-10 | TLC500A-10 | — | — | — | — |
| | 6″ | TLC600S | TLC600A | — | — | TES600 | — |

## STANDARD T-BOLT CLAMPS

Performance engineered for long term durability and manufactured to the highest quality standards.



Standard T-Bolt

Applications Include:

- Turbo
- Pumps
- Diesel Exhaust
- Bleed Air Systems
- Air Brakes
- Flanged Tanks
- Marine Exhaust
- Cannisters
- Diaphragm Bodies
- Filter Bags
- Sanitary Systems
- Sump Pump
- Dairy Industry
- Lab Equipment

| PN | SAE SIZE | MINIMUM | | MAXIMUM | |
|---|---|---|---|---|---|
| | | INCH | MM | INCH | MM |
| TB-125 | — | 1.25 | 32 | 1.39 | 35 |
| TB-138 | — | 1.38 | 35 | 1.52 | 40 |
| TB-150 | — | 1.5 | 38 | 1.64 | 43 |
| TB-163 | — | 1.63 | 41 | 1.88 | 48 |
| TB-175 | 28 | 1.75 | 45 | 2 | 51 |
| TB-188 | 32 | 1.88 | 48 | 2.19 | 56 |
| TB-200 | 36 | 2 | 51 | 2.31 | 59 |
| TB-213 | 40 | 2.13 | 54 | 2.44 | 62 |
| TB-225 | 44 | 2.25 | 57 | 2.56 | 65 |
| TB-238 | 48 | 2.38 | 60 | 2.69 | 68 |
| TB-250 | 52 | 2.5 | 64 | 2.81 | 71 |
| TB-263 | 56 | 2.63 | 67 | 2.94 | 75 |
| TB-275 | 60 | 2.75 | 70 | 3.06 | 78 |
| TB-288 | 64 | 2.88 | 73 | 3.19 | 81 |
| TB-300 | 68 | 3 | 76 | 3.31 | 84 |
| TB-313 | 72 | 3.13 | 79 | 3.44 | 87 |
| TB-325 | 76 | 3.25 | 83 | 3.56 | 91 |
| TB-338 | 80 | 3.38 | 86 | 3.69 | 94 |
| TB-350 | 84 | 3.5 | 89 | 3.81 | 97 |
| TB-363 | 88 | 3.63 | 92 | 3.94 | 100 |
| TB-375 | 92 | 3.75 | 95 | 4.06 | 103 |
| TB-400 | 100 | 4 | 102 | 4.31 | 110 |
| TB-406 | 102 | 4.06 | 103 | 4.38 | 111 |
| TB-425 | 108 | 4.25 | 108 | 4.56 | 116 |
| TB-450 | 116 | 4.5 | 114 | 4.81 | 122 |
| TB-456 | 118 | 4.56 | 116 | 4.88 | 124 |
| TB-475 | 124 | 4.75 | 121 | 5.06 | 129 |
| TB-500 | 132 | 5 | 127 | 5.31 | 135 |
| TB-525 | 140 | 5.25 | 133 | 5.56 | 141 |
| TB-550 | 148 | 5.5 | 140 | 5.81 | 148 |
| TB-575 | 156 | 5.75 | 146 | 6.06 | 154 |
| TB-600 | 164 | 6 | 152 | 6.31 | 160 |
| TB-625 | 172 | 6.25 | 159 | 6.56 | 167 |
| TB-650 | 180 | 6.5 | 165 | 6.81 | 173 |
| TB-700 | 196 | 7 | 178 | 7.31 | 186 |
| TB-725 | 204 | 7.25 | 184 | 7.56 | 192 |
| TB-750 | 212 | 7.5 | 191 | 7.81 | 198 |
| TB-800 | 228 | 8 | 203 | 8.31 | 211 |
| TB-825 | 236 | 8.25 | 210 | 8.56 | 218 |
| TB-850 | 244 | 8.5 | 216 | 8.81 | 224 |

## SPRING LOADED T-BOLT CLAMPS

BREEZE



Spring Loaded T-Bolt

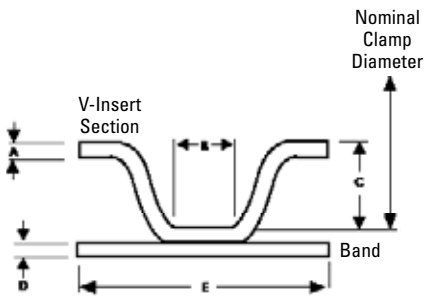
| PN | HEAVY DUTY PN | SAE SIZE | MIN | | MAX |
|---|---|---|---|---|---|
| | | | INCH | MM | INCH |
| B9226-0225B | — | 44 | 2.25 | 57 | 2.56 |
| — | — | 48 | 2.38 | 60 | 2.69 |
| B9226-0250B | — | 52 | 2.5 | 64 | 2.81 |
| B9226-0263B | — | 56 | 2.63 | 67 | 2.94 |
| B9226-0275B | B9224-0275B | 60 | 2.75 | 70 | 3.06 |
| — | — | 64 | 2.88 | 73 | 3.19 |
| — | — | 68 | 3 | 76 | 3.31 |
| B9226-0306 | B9224-0306 | 70 | 3.06 | 78 | 3.38 |
| — | — | 72 | 3.13 | 79 | 3.44 |
| B9226-0325B | — | 76 | 3.25 | 83 | 3.56 |
| B9226-0338B | — | 80 | 3.38 | 86 | 3.69 |
| — | — | 84 | 3.5 | 89 | 3.81 |
| B9226-0356 | B9224-0356 | 86 | 3.56 | 91 | 3.88 |
| — | B9224-0363 | 88 | 3.63 | 92 | 3.94 |
| B9226-0375B | B9224-0375B | 92 | 3.75 | 95 | 4.06 |
| B9226-0406 | B9224-0406 | 102 | 4.06 | 103 | 4.38 |
| B9226-0413B | B9224-0413 | 104 | 4.13 | 105 | 4.44 |
| B9226-0425B | B9224-0425B | 108 | 4.25 | 108 | 4.56 |
| — | — | 116 | 4.5 | 114 | 4.81 |
| B9226-0456 | B9224-0456 | 118 | 4.56 | 116 | 4.88 |
| — | — | 132 | 5 | 127 | 5.31 |
| B9226-0525 | — | 140 | 5.25 | 133 | 5.56 |
| B9226-0550B | — | 148 | 5.5 | 140 | 5.81 |
| — | — | 156 | 5.75 | 146 | 6.06 |
| — | — | 164 | 6 | 152 | 6.31 |
| — | — | 172 | 6.25 | 159 | 6.56 |
| — | — | 180 | 6.5 | 165 | 6.81 |
| — | — | 196 | 7 | 178 | 7.31 |
| — | — | 204 | 7.25 | 184 | 7.56 |
| — | — | 212 | 7.5 | 191 | 7.81 |

## V-BAND HEAVY DUTY CLAMPS

BREEZE



VT10588




VT10413
V-Band Cross Section

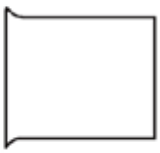
Nominal diameter fits flange diameter 1/8″less

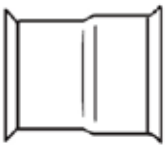
Example: 2.88″ clamp fits flange that is 2.76″ diameter

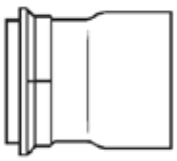
| PN | FITS | NOM. DIAM. | V-INSERT SECTIONS | | | BANDS | |
|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E |
| VT10288 | Detroit 8.2T | 2.88″ | 0.06 | 0.207 | 0.281 | 0.035 | 0.75 |
| VT10321 | Cummins B | 3.21″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10350 | — | 3.50″ | 0.08 | 0.207 | 0.281 | 0.04 | 0.875 |
| VT10382 | Detroit 6V | 3.82″ | 0.077 | 0.207 | 0.281 | 0.04 | 0.875 |
| VT10388 | Cummins V903 Man | 3.88″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10406 | Detroit 8.2N | 4.06″ | 0.077 | 0.239 | 0.281 | 0.05 | 0.875 |
| VT10413 | Cummins C | 4.13″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10419 | CAT 3208T | 4.19″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10425 | Nav DT46691 | 4.25″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10450-A | — | 4.50″ | 0.077 | 0.207 | 0.281 | 0.04 | 0.875 |
| VT10450 | Detroit 8V | 4.50″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10461 | Most Mack 6 Cyl | 4.61″ | 0.05 | 0.156 | 0.218 | 0.035 | 0.75 |
| VT10469 | — | 4.69″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10475 | Cummins L10/CAT3176T | 4.75″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10475-A | Detroit 8.2T | 4.75″ | 0.077 | 0.158 | 0.31 | 0.04 | 0.875 |
| VT10481 | Detroit 6V | 4.81″ | 0.077 | 0.207 | 0.281 | 0.04 | 0.875 |
| VT10491 | — | 4.91″ | 0.04 | 0.293 | 0.296 | 0.05 | 0.875 |
| VT10494 | Mack | 4.94″ | 0.06 | 0.181 | 0.281 | 0.035 | 0.75 |
| VT10510 | — | 5.10″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10525 | Var Detroit | 5.25″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10530 | — | 5.30″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10565 | — | 5.65″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |
| VT10581 | Detroit 8V | 5.81″ | 0.077 | 0.207 | 0.281 | 0.062 | 0.875 |
| VT10588 | Cummins/CAT/Detroit | 5.88″ | 0.05 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10588-1 | — | 5.88″ | 0.05 | 0.4 | 0.281 | — | — |
| VT10592 | Detroit 8V | 5.92″ | 0.09 | 0.293 | 0.296 | 0.05 | 0.875 |
| VT10688 | — | 6.88″ | 0.06 | 0.4 | 0.281 | 0.04 | 0.875 |
| VT10808 | — | 8.08″ | 0.05 | 0.262 | 0.141 | 0.035 | 0.75 |

## FLARED ADAPTERS — 45°

- Used w/ V-Band clamps
- 16-gauge aluminized steel


OD/OD


OD/ID


OD/OD Machined Flange


ID/OD

| PN | FLARE | TYPE | TUBE DIAM. | FLARE OD | LENGTH | APPLICATION | CROSS PN |
|---|---|---|---|---|---|---|---|
| LF300 | 45 | OD/OD | 3″ | 3.5625″ | 6″ | DD 53 Series | VBC300DD |
| LF301 | 45 | OD/ID | 3″ | 3.5625″ | 6″ | DD 53 Series | VBC300DD |
| LF350 | 45 | OD/OD | 3.5″ | 4″ | 6″ | Detroit Diesel | VBC350DD |
| LF351 | 45 | OD/ID | 3.5″ | 4″ | 6″ | Detroit | VBC350DD |
| LF400 | 45 | OD/OD | 4″ | 4.5″ | 6″ | Cummins | VBC400C |
| LF401 | 45 | OD/ID | 4″ | 4.5″ | 6″ | Cummins 230 & 250 | VBC400C |
| LF500 | 45 | OD/OD | 5″ | 5.5″ | 6″ | Cummins | VBC500C |
| LF501 | 45 | OD/ID | 5″ | 5.5″ | 6″ | Cummins | VBC500C |

## FLARED ADAPTERS — 22°


LF22-500

| PN | FLARE | TYPE | TUBE DIAM. | FLARE OD | LENGTH | APPLICATION | CROSS PN |
|---|---|---|---|---|---|---|---|
| LF22-3031 | 22 | ID/OD | 3″ | 3.625″ | 6″ | DD 6V-71 | VBC300DD |
| LF22-350 | 22 | OD/OD | 3.5″ | 4.0625″ | 6″ | 3208T Caterpillar | VBC350CAT |
| LF22-350351 | 22 | ID/OD | 3.5″ | 4.25″ | 6″ | DD 8V-71 Cummins VT555 | VBC350DD |
| LF22-400 | 22 | OD/OD | 4″ | 4.5625″ | 6″ | DD 8.2 Turbo Cummins L10 | VBC400C |
| LF22-4041 | 22 | ID/OD | 4″ | 4.75″ | 6″ | DD 6-71 12V-71 | VBC400DD |
| LF22-461 | 22 | OD/OD | 4″ | 4.1875″ | 6″ | Mack 6 Cylinder | VBC400M |
| LF22-500 | 22 | OD/OD | 5″ | 5.5625″ | 6″ | 3406 & C15; Caterpillar 855 C.I. Cummins w/T50 Turbo 60 Series Detroit | VBC500C |
| LF22-501 | 22 | OD/ID | 5″ | 5.5″ | 6″ | Cummins | VBC500C |
| TCP2250-500 | 22 | OD/OD | 5″ | 5.5625″ | 6″ | Cummins 855, Cat 3406, DD 60 Series w/ Thermocouple Port | VBC500C |

# METAL REDUCERS & CONNECTORS

## 8" LONG REDUCERS

| | OD/ID SIZE | ALUMINIZED PN | CHROME PN |
|---|---|---|---|
|  RD5041 | 3" to 2-1/2" | RD30251 | — |
| | 3-1/2" to 3" | RD35031 | — |
| | 4" to 3" | RD4031 | — |
| | 4" to 3-1/2" | RD40351 | — |
| | 5" to 4" | RD5041 | RD5041C |
| | 6" to 5" | RD6051 | RD6051C |

| | ID/OD SIZE | ALUMINIZED PN | CHROME PN |
|---|---|---|---|
|  RD5140 | 3" to 2-1/2" | RD31250 | — |
| | 3-1/2" to 3" | RD35130 | — |
| | 4" to 3" | RD4130 | — |
| | 4" to 3-1/2" | RD41350 | — |
| | 5" to 4" | RD5140 | RD5140C |
| | 6" to 5" | RD6150 | — |

| | ID/ID SIZE | ALUMINIZED PN | CHROME PN |
|---|---|---|---|
|  RD5141 | 3" to 2-1/2" | RD31251 | — |
| | 3-1/2" to 3" | RD35131 | — |
| | 4" to 3" | RD4131 | — |
| | 4" to 3-1/2" | RD41351 | — |
| | 5" to 4" | RD5141 | RD5141C |
| | 6" to 5" | RD6151 | RD6151C |

| | OD/OD SIZE | ALUMINIZED PN | CHROME PN |
|---|---|---|---|
|  RD5040 | 4" to 3" | RD4030 | — |
| | 4" to 3-1/2" | RD40350 | — |
| | 5" to 4" | RD5040 | — |
| | 6" to 5" | RD6050 | — |

## 8" LONG CONNECTORS

| | ID/ID SIZE | ALUMINIZED PN | CHROME PN |
|---|---|---|---|
|  CN5151 | 2-1/2" | CN251251* | |
| | 2-3/4" | CN271271 | |
| | 3" | CN3131 | CN3131C |
| | 3-1/2" | CN351351 | CN351351C |
| | 4" | CN4141 | CN4141C |
| | 4-1/2" | CN451451 | |
| | 5" | CN5151 | CN5151C |
| | 6" | CN6161 | CN6161C |

| | ID/OD SIZE | ALUMINIZED PN |
|---|---|---|
|  CN5150 | 3" | CN3130 |
| | 3-1/2" | CN351350 |
| | 4" | CN4140 |
| | 5" | CN5150 |
| | 6" | CN6160 |

| | OD/OD SIZE | ALUMINIZED PN |
|---|---|---|
| CN505  | 3" | CN3030 |
| | 3-1/2" | CN350350 |
| | 4" | CN4040 |
| | 5" | CN5050 |
| | 6" | CN6060 |

* Plain steel, not aluminized.

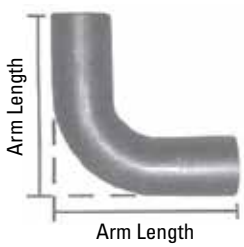
## TILT CAB CONNECTORS

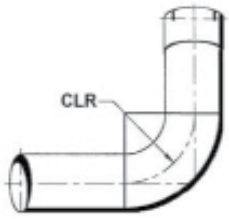
| | SIZE | PN | DESCRIPTION |
|---|---|---|---|
|  TCB501  TCT500 | 5" | TCB501 | 5" OD BALL |
| | 5" | TCT500 | 5" ID BELL |

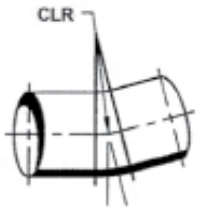
Top connectors are also called "cones" or "bells." Bottom connectors are also called "balls."

## ELBOW IDENTIFICATION

Arm length is measured by the full length of each arm from the end through the bend to the opposite edge.




CLR stands for "Center Line Radius," a means of measuring the amount of bend in an elbow. The lower the number, the tighter the bend.

## 90° ELBOW — OD/OD



00590-16A

| SIZE | ARM LENGTH | CLR | PLAIN STEEL PN | ALUMINIZED PN | CHROME PN |
|---|---|---|---|---|---|
| 3″ | 12″ | 4″ | 00390-12 | 00390-12A | 00390-12C |
| 3″ | 14″ | 4″ | | 00390-14A | |
| 3-1/2″ | 8″ | 5″ | | 003590-8A | |
| 3-1/2″ | 12″ | 4″ | 003590-12 | 003590-12A | 003590-12C |
| 3-1/2″ | 16″ | 6″ | 003590-16 | 003590-16A | 003590-16C |
| 4″ | 8″ | 4″ | 00490-8 | 00490-8A | 00490-8C |
| 4″ | 12″ | 5″ | 00490-12 | 00490-12A | 00490-12C |
| 4″ | 14″ | 4″ | | 00490-14A | |
| 4″ | 15″ | 4″ | | 00490-15A | |
| 4″ | 18″ | 8″ | 00490-18 | 00490-18A | 00490-18C |
| 5″ | 10″ | 5-1/2″ | 00590-10 | 00590-10A | |
| 5″ | 12″ | 8″ | 00590-12 | 00590-12A | 00590-12C |
| 5″ | 14″ | 5-1/2″ | 00590-14 | 00590-14A | 00590-14C |
| 5″ | 15-1/2″ | 6″ | 00590-16 | 00590-16A | 00590-16C |
| 5″ | 19-1/2″ | 8″ | 00590-20 | 00590-20A | 00590-20C |
| 6″ | 18″ | 8″ | | 00690-18A | — |
| 8″ | 15″ | 8″ | 00890-15 | — | — |

## 90° SHORT RADIUS ELBOWS — OD/OD



SRE590-11A

| SIZE | ARM LENGTH | CLR | PLAIN STEEL PN | ALUMINIZED PN | CHROME PN |
|---|---|---|---|---|---|
| 3″ | 6-1/2″ | 4″ | — | SRE390-7A | SRE390-5A |
| 3-1/2″ | 7-1/4″ | 4″ | — | SRE3590-7A | — |
| 4″ | 8″ | 5″ | SRE490-8 | SRE490-8A | SRE490-8C |
| 4″ | 12″ | 5″ | SRE490-12 | SRE490-12A | SRE490-12C |
| 5″ | 10-1/2″ | 6″ | SRE590-11 | SRE590-11A | SRE590-11C |
| 5″ | 16″ | 6″ | SRE590-16 | SRE590-16A | SRE590-16C |

# METAL ELBOWS

## 90° ELBOW — ID/OD


10590-16A

| | SIZE | ARM LENGTH | CLR | PLAIN STEEL PN | ALUMINIZED PN | CHROME PN |
|---|---|---|---|---|---|---|
| | 3″ | 12″ | 4″ | 10390-12 | 10390-12A | 10390-12C |
| | 3″ | 14″ | 4″ | 10390-14 | 10390-14A | — |
| | 3-1/2″ | 10″ | 4″ | 103590-10 | 103590-10A | — |
| | 3-1/2″ | 12″ | 4″ | 103590-12 | 103590-12A | 103590-12C |
| | 3-1/2″ | 16″ | 6″ | 103590-16 | 103590-16A | 103590-16C |
| | 4″ | 8-1/2″ | 5″ | 10490-8 | 10490-8A | 10490-8C |
| | 4″ | 10″ | 5″ | 10490-10 | 10490-10A | 10490-10C |
| | 4″ | 12″ | 5″ | 10490-12 | 10490-12A | 10490-12C |
| | 4″ | 18″ | 8″ | 10490-18 | 10490-18A | 10490-18C |
| | 4″ | 25″ & 32″ | 8″ | 10490-25 | 10490-25A | — |
| | 4-1/2″ | 12″ | 4″ | — | 104590-12A | — |
| | 5″ | 10″ | 6″ | 10590-10 | 10590-10A | 10590-10C |
| | 5″ | 12″ | 8″ | 10590-12 | 10590-12A | 10590-12C |
| | 5″ | 14″ | 4″ | 10590-14 | 10590-14A | — |
| | 5″ | 15-1/2″ | 6″ | 10590-16 | 10590-16A | 10590-16C |
| | 5″ | 18″ | 8″ | — | 10590-18A | — |
| | 5″ | 19.5″ | 8″ | 10590-20 | 10590-20A | 10590-20C |
| | 5″ | 25 & 32″ | 8″ | 10590-25 | 10590-25A | — |
| | 6″ | 18″ | 8″ | — | 10690-18A | — |
| | 6″ | 26″ | 10″ | — | 10690-26A | 10690-26C |

## 15° SHORT RADIUS ELBOW


00415-4A

| | SIZE | ARM LENGTH | CLR | ALUMINIZED PN |
|---|---|---|---|---|
| OD/OD | 4″ | 4″ | 5″ | 00415-4A |
| | 5″ | 5″ | 6″ | 00515-5A |
| ID/OD | 5″ | 4″ | 6″ | 10515-4A |

## 30° SHORT RADIUS ELBOW


00530-4A

| | SIZE | ARM LENGTH | CLR | ALUMINIZED PN |
|---|---|---|---|---|
| OD/OD | 4″ | 4″ | 5″ | 00430-4A |
| | 5″ | 4″ | 6″ | 00530-4A |
| ID/OD | 4″ | 4″ | 5″ | 10430-4A |
| | 5″ | 4″ | 6″ | 10530-4A |

## 45° ELBOW — OD/OD



00545-8A

| SIZE | ARM LENGTH | CLR | PLAIN STEEL PN | ALUMINIZED PN | CHROME PN |
|---|---|---|---|---|---|
| 3-1/2″ | 9-1/4″ | 6″ | — | 003545-9A | — |
| 4″ | 9-1/4″ | 5″ | — | 00445-9A | 00445-9C |
| 5″ | 12″ | 8″ | — | 00545-12A | 00545-12C |
| 5″ | 8″ | 6″ | — | 00545-8A | |
| 6″ | 15-1/2″ | 10″ | — | 00645-16A | — |

## 45° ELBOW — ID/OD



10545-12A

| SIZE | ARM LENGTH | CLR | PLAIN STEEL PN | ALUMINIZED PN | CHROME PN |
|---|---|---|---|---|---|
| 3″ | 5.5″ | 4″ | 10345-6 | 10345-6A | — |
| 3″ | 9″ | 4″ | 10345-9 | 10345-9A | — |
| 3-1/2″ | 5-3/4″ | 6″ | — | 103545-6A | — |
| 3-1/2″ | 9-1/4″ | 6″ | 103545-9 | 103545-9A | — |
| 4″ | 5-1/4″ | 5″ | 10445-6 | 10445-6A | — |
| 4″ | 9-1/4″ | 5″ | 10445-9 | 10445-9A | 10445-9C |
| 4″ | 12″ | 8″ | — | 10445-12A | — |
| 5″ | 7″ | 8″ | 10545-7 | 10545-7A | 10545-7C |
| 5″ | 12″ | 8″ | 10545-12 | 10545-12A | 10545-12C |

## 60° SHORT RADIUS ELBOW



10560-4A

| | SIZE | ARM LENGTH | CLR | ALUMINIZED PN |
|---|---|---|---|---|
| **OD/OD** | 4″ | 4″ | 5″ | 00460-4A |
| | 5″ | 4″ | 5″ | 00560-4A |
| **ID/OD** | 5″ | 4″ | 5″ | 10560-4A |

## Y & T PIPES




Y501A
**T Series**




Y501A
**Y Series**

| PN | DESCRIPTION / USE |
|---|---|
| T401A | T Pipe 4″ ID/OD / W 10-1/2″ / H 16-1/2″ — Aluminized |
| T501A | T Pipe 5″ ID/OD / W 10-1/2″ / H 16″ — Aluminized |
| Y351A | Y-Pipe 3-1/2″ ID/OD / W 14″, H 10″ / No Divider — Aluminized |
| Y401A | Y-Pipe 4″ ID/OD / W 26″ / H 12″ / w/ Divider — Aluminized |
| Y500NPA | Universal Y Pipe |
| Y501A | Y-Pipe 5″ ID/OD / W 26″ / H 14″ / w/ Divider — Aluminized |
| Y501C | Y-Pipe 4″ ID/OD / W 26″ / H 14″ — Aluminized |

## EXHAUST BELLOWS†

- Direct replacement for a proper fit every time
- Made of durable steel for increased durability and a longer service life
- Ideal replacement to prevent exhaust leaks and loss of engine power

| | PN | DESCRIPTION | OE PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|---|
|  674-6018 | 674-6009 | Exhaust Bellow Pipe | A0427334018 | 2010–2010 | Freightliner | Cascadia 125 | DD15 |
| | 674-6018 | Exhaust Bellow Pipe | M663541, M664111 | 2007–2018 | Kenworth, Peterbilt | 320, 337, 348, 357, 365, 367, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 579, 587, C500, T2000, T270, T300, T370, T400, T600A, T660, T680, T700, T800, T880, W900 | ISX, ISX 11.9, ISX 15.0, MX, MX-13, PX-9 |
| | 674-6020 | Exhaust Bellow Pipe | M6670640330 | 2016–2017 | Kenworth, Peterbilt | 365, 367, 389, 567, 579, 587, T660, T680, T800, T880, W900 | MX-13 |
|  674-6021 | 674-6021 | Exhaust Bellow Pipe | M6670910320 | 2007–2017 | Kenworth, Peterbilt | 320, 337, 348, 357, 365, 367, 378, 379, 382, 384, 385, 386, 387, 388, 389, 567, 579, 587, C500, T2000, T270, T300, T370, T400, T600A, T660, T680, T700, T800, T880, W900 | ISX, ISX 11.9, ISX 15.0, PX-9 |
| | 674-6022 | Exhaust Bellow Pipe | M6670910335 | 2010–2018 | Peterbilt | 337, 348, 365, 382, 388 | ISL 8.9, ISX 11.9, ISX 15.0, PX-8, PX-9 |
| | 674-6023 | Exhaust Bellow Pipe | M6661310390, M6670910405 | 2008–2011 | Peterbilt | 365, 387, 388 | ISM 10.8, ISX 11.9, ISX 15.0 |
|  674-6022 | 674-6025 | Exhaust Bellow Pipe | 22307699 | 2014–2018 | Mack | MRU | MP7 |
| | 674-6026 | Exhaust Bellow Pipe | 22307697, 21959389, 21428532 | 2009–2010 | Volvo | VNL | D16, ISX 15.0 |
| | 674-6027 | Exhaust Bellow Pipe | 22307701, 21428534, 21959393 | 2009–2014 | Mack, Volvo | CXU, VHD, VNL | D13, ISX 15.0, MP8 |
| | 674-6028 | Exhaust Bellow Pipe | 22307703, 21959395, 21428536 | 2011–2015 | Mack, Volvo | CXU, VNL | ISX 15.0, MP7, MP8 |
| | 674-6029 | Exhaust Bellow Pipe | 21533396 | 2011–2017 | Mack, Volvo | CHU, CXU, GU7, GU8, VNL, VNM | D11, D13, D16, MP7, MP8 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EXHAUST BELLOWS†, continued

| | PN | DESCRIPTION | OE PN |
|---|---|---|---|
| | 674-6000 | Exhaust Bellow Pipe | Q716131 |
| | 674-6001 | Exhaust Bellow Pipe | 04-27252-000 |
| | 674-6002 | Exhaust Bellow Pipe | 04-27254-000 |
| | 674-6003 | Exhaust Bellow Pipe | 04-28675-000 |
| | 674-6004 | Exhaust Bellow Pipe | 04-28907-000 |
| | 674-6005 | Exhaust Bellow Pipe | A04-25022-018, 04-28522-000 |
| | 674-6006 | Exhaust Bellow Pipe | A04-25023-016 |
| | 674-6007 | Exhaust Bellow Pipe | A04-25922-018, 04-28578-000 |
| | 674-6008 | Exhaust Bellow Pipe | A04-26374-016 |
| | 674-6010 | Exhaust Bellow Pipe | 3007671C96 |
| | 674-6011 | Exhaust Bellow Pipe | 3811755C4 |
| | 674-6012 | Exhaust Bellow Pipe | 3846462C5 |
| | 674-6013 | Exhaust Bellow Pipe | 3859149C91, 2512967C91 |
| | 674-6014 | Exhaust Bellow Pipe | 3859154C1 |
| | 674-6015 | Exhaust Bellow Pipe | 3859159C1 |
| | 674-6016 | Exhaust Bellow Pipe | 3989136C93, 3989136C92 |
| | 674-6017 | Exhaust Bellow Pipe | 4037288C92, 4037286C3 |
| | 674-6019 | Exhaust Bellow Pipe | M66-6559 |
| | 674-6024 | Exhaust Bellow Pipe | 21051403 |
| | 674-6030 | Exhaust Bellow Pipe | 3628113C5 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# FLEX TUBING — CUT LENGTHS

## FLEX TUBING

All standard cut lengths of flex tubing are deburred and finished, saving time and the trouble of cutting flex, and handling the odd lengths and unraveled scrap pieces that tend to accumulate.



| | TEMPERATURE LOW / HIGH | FLEXIBILITY | PRESSURE | CHEMICAL RESISTANCE | SIZE ID |
|---|---|---|---|---|---|
| | **GALVANIZED STEEL** | | | | |
| | –40°F to +400°F | Medium Flexibility | Low 5 psi Unpacked<br>15 psi Packed | Good | 1″–7″ |
| | **STAINLESS STEEL** | | | | |
| | –60°F to +1500°F | Medium Flexibility | Low 5 psi Unpacked<br>15 psi Packed | Excellent | 2″–6″ |

## GALVANIZED — MOST POPULAR

| TUBE DIAMETER | LENGTH 12″ PN | LENGTH 18″ PN | LENGTH 24″ PN | LENGTH 30″ PN | LENGTH 36″ PN | LENGTH 48″ PN | LENGTH 60″ PN | LENGTH 72″ PN |
|---|---|---|---|---|---|---|---|---|
| 2″ | — | FLX200-18 | — | — | FLX200-36 | — | — | — |
| 2.5″ | — | FLX250-18 | — | — | — | — | — | — |
| 3″ | FLX300-12 | FLX300-18 | FLX300-24 | — | FLX300-36 | FLX300-48 | — | — |
| 3.5″ | FLX350-12 | FLX350-18 | FLX350-24 | — | FLX350-36 | FLX350-48 | FLX350-60 | — |
| 4″ | FLX400-12 | FLX400-18 | FLX400-24 | — | FLX400-36 | FLX400-48 | FLX400-60 | — |
| 5″ | FLX500-12 | FLX500-18 | FLX500-24 | FLX500-30 | FLX500-36 | FLX500-48 | FLX500-60 | FLX500-72 |
| 6″ | — | — | — | — | FLX600-36 | — | — | — |

Standard cut lengths are deburred and finished.

## STAINLESS STEEL — 409SS RUST RESISTANT

| TUBE DIAMETER | LENGTH 12″ PN | LENGTH 18″ PN | LENGTH 24″ PN | LENGTH 30″ PN | LENGTH 36″ PN | LENGTH 48″ PN | LENGTH 60″ PN | LENGTH 72″ PN |
|---|---|---|---|---|---|---|---|---|
| 3″ | FLX300S-12 | FLX300S-18 | FLX300S-24 | — | FLX300S-36 | — | — | — |
| 3.5″ | FLX350S-12 | FLX350S-18 | FLX350S-24 | — | FLX350S-36 | FLX350S-48 | FLX350S-60 | — |
| 4″ | FLX400S-12 | FLX400S-18 | FLX400S-24 | FLX400S-30 | FLX400S-36 | FLX400S-48 | FLX400S-60 | — |
| 5″ | FLX500S-12 | FLX500S-18 | FLX500S-24 | FLX500S-30 | FLX500S-36 | FLX500S-48 | FLX500S-60 | — |
| 6″ | — | — | FLX600S-24 | — | — | — | — | — |

## STAINLESS STEEL — 304SS RUST RESISTANT

| TUBE DIAMETER | LENGTH 15″ PN | LENGTH 18″ PN | LENGTH 24″ PN | LENGTH 30″ PN | LENGTH 36″ PN | LENGTH 48″ PN | LENGTH 60″ PN | LENGTH 72″ PN |
|---|---|---|---|---|---|---|---|---|
| 5″ | FLX500S-304-15 | — | — | — | FLX500S-304-36 | — | — | — |

## 25′ COIL

| DIAMETER | ALUMINIZED PN | GALVANIZED PN | 409 STAINLESS PN | 304 STAINLESS PN | HEAVY DUTY GALVANIZED PN | LIGHT DUTY GALVANIZED PN |
|---|---|---|---|---|---|---|
| 1.5″ | — | — | — | — | — | LDF150BULK |
| 2″ | — | FLX200BULK | — | — | — | — |
| 2.25″ | — | FLX225BULK | — | — | — | — |
| 2.5″ | — | FLX250BULK | FLX250SBULK | — | — | — |
| 3″ | — | FLX300BULK | FLX300SBULK | — | HDF300BULK | — |
| 3.5″ | — | FLX350BULK | FLX350SBULK | — | HDF350BULK | — |
| 4″ | — | FLX400BULK | FLX400SBULK | FLX400S304-BULK | HDF400BULK | — |
| 5″ | — | FLX500BULK | FLX500SBULK | FLX500S304-BULK | HDF500BULK | — |
| 6″ | — | FLX600BULK | FLX600SBULK | — | — | — |

## 10′ COIL

| DIAMETER | ALUMINIZED PN | GALVANIZED PN | 409 STAINLESS PN | 304 STAINLESS PN | HEAVY DUTY GALVANIZED PN | LIGHT DUTY GALVANIZED PN |
|---|---|---|---|---|---|---|
| 1″ | — | — | — | — | — | LDF100 |
| 1.25″ | — | — | — | — | — | LDF125 |
| 1.5″ | — | — | — | — | — | LDF150 |
| 1.75″ | — | — | — | — | — | LDF175 |
| 2″ | — | FLX200 | FLX200S | — | — | — |
| 2.25″ | — | FLX225 | — | — | — | — |
| 2.5″ | — | FLX250 | FLX250S | — | — | — |
| 2.75″ | — | FLX275 | — | — | — | — |
| 3″ | — | FLX300 | FLX300S | — | — | — |
| 3.5″ | — | FLX350 | FLX350S | — | — | — |
| 4″ | FLX400A | FLX400 | FLX400S | FLX400S-304 | HDF400 | — |
| 4.5″ | — | FLX450 | FLX450S | — | — | — |
| 5″ | FLX500A | FLX500 | FLX500S | FLX500S-304 | HDF500 | — |
| 6″ | — | FLX600 | FLX600S | — | HDF600 | — |
| 7″ | — | FLX700 | — | — | — | — |

## 10′ LENGTH

| | DIAMETER | GAUGE | ALUMINIZED PN | CARBON STEEL PN |
|---|---|---|---|---|
|  SP500A/SP500 | 2.25″ | 14 | SP225A | — |
| | 2.5″ | 14 | SP250A | — |
| | 3″ | 16 | SP300A | SP300 |
| | 3.5″ | 16 | SP350A | SP350 |
| | 4″ | 16 | SP400A | SP400 |
| | 5″ | 16 | SP500A | SP500 |
| | 6″ | 16 | SP600A | SP600 |

## CUT LENGTHS

| | | ALUMINIZED LENGTHS | | CARBON STEEL LENGTHS | |
|---|---|---|---|---|---|
| | DIAMETER | 36″ PN | 60″ PN | 36″ PN | 60″ PN |
|  SP500A-60 | 3″ | SP300A-36 | SP300A-60 | SP300-36 | SP300-60 |
| | 3.5″ | SP350A-36 | SP350A-60 | — | — |
| | 4″ | SP400A-36 | SP400A-60 | SP400-36 | SP400-60 |
| | 5″ | SP500A-36 | SP500A-60 | SP500-36 | SP500-60 |
| | 6″ | SP600A-36 | SP600A-60 | — | — |

## HANGERS



PH500
Hanger straps and clamps are made from heavy gauge steel.



UH100
Swivel design w/360° mounting and has a reinforced rubber pad.



MH1000
12" strap length. For horizontal or vertical applications.

| PN | DESCRIPTION / USE |
|---|---|
| **PIPE HANGERS** | |
| MH-R9 | Fits 9" Muffler |
| PH400 | Fits 4" Pipe Diameter |
| PH500 | Fits 5" Pipe Diameter |
| UH100 | 9-1/4" Long — Swivel |
| **MUFFLER HANGERS** | |
| MH0811 | Fits 8" × 11" Muffler |
| MH1000 | Fits 10" Muffler |
| MH1015 | Fits 10" × 15" Muffler |
| MH600 | Fits 6" Muffler |
| MH700 | Fits 7" Muffler |
| MH800 | Fits 8" Muffler |
| MH850 | Fits 8-1/2" Muffler |
| MH900 | Fits 9" Muffler |

## BRACKETS



CMB500C



FMB500



KW500C



PB600C

| PN | DESCRIPTION / USE |
|---|---|
| **STACK MOUNTING BRACKETS** | |
| CMB400 | 4" Curved Bracket — Steel |
| CMB400C | 4" Curved Bracket — Chrome |
| CMB500C | 5" Curved Bracket — Chrome |
| CMB600C | 6" Curved Bracket — Chrome |
| FMB400 | 4" Flat Bracket — Steel |
| FMB500 | 5" Flat Bracket — Steel |
| FMB500C | 5" Flat Bracket — Chrome |
| FMB600C | 6" Flat Bracket — Chrome |
| **OEM STACK MOUNTING BRACKETS** | |
| KW500C | 5" Chrome — 4 Holes Kenworth Application |
| KW600C | 6" Chrome — 4 Holes Kenworth Application |
| PB400C | 4" Chrome — 2 Holes Peterbilt Application |
| PB500C | 5" Chrome — 2 Holes Peterbilt Application |
| PB600C | 6" Chrome — 2 Holes Peterbilt Application |
| PB700C | 7" Chrome — 2 Holes Peterbilt Application |

## TYPE 1 — END INLET / END OUTLET / ON CENTER — POWER PRODUCTS



M5510

**Prefix Explanations:**

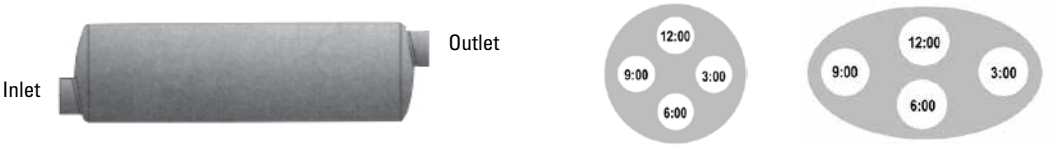
- M = Standard Type 1
- LN = Premium Low Noise
- LND = Premium Low Noise for dual exhaust
- LNS = Premium Low Noise for single exhaust
- SM = Short Type 1

| POWER PRODUCTS PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH | INLET TUBE LENGTH |
|---|---|---|---|---|---|---|
| M2244 | 2″ | 2-1/8″ OD | 4-3/8″ | 12-1/2″ | 17″ | 2-1/2″ |
| M252666 | 2-1/2″ | 2.61″ OD | 6-5/8″ | 15″ | 22″ | 3-1/2″ |
| M3380 | 3″ | 38″ OD | 8″ | 1211″ | 17″ | 1-3/8″ |
| M353570 | 3-1/2″ | 3-1/2″ | 7″ | 14″ | 19-3/4″ | 2-3/8″ |
| M353590 | 3-1/2″ | 3-1/2″ | 9″ | 44-1/2″ | 51″ | 3″ |
| M4485 | 4″ | 4″ | 8-1/2″ | 34-3/8″ | 40″ | 2-1/2″ |
| M4490 | 4″ | 4″ | 9″ | 44-1/2″ | 51″ | 3″ |
| SM4490 | 4″ | 4″ | 9″ | 20″ | 26-1/2″ | 3″ |
| M4410 | 4″ | 4″ | 10″ | 44-1/2″ | 51″ | 3″ |
| M4590 | 4″ | 5″ | 9″ | 44-1/2″ | 51″ | 3″ |
| M4510 | 4″ | 5″ | 10″ | 44-1/2″ | 51″ | 3″ |
| M5510X67 | 5″ | 5″ | 10″ | 60″ | 66-1/2″ | 3″ |
| M5590 | 5″ | 5″ | 9″ | 44-1/2″ | 51″ | 3″ |
| LN5590 | 5″ | 5″ | 9″ | 44-1/2″ | 51-1/2″ | 3″ |
| SM5590 | 5″ | 5″ | 9″ | 20″ | 26-1/2″ | 3″ |
| M5510 | 5″ | 5″ | 10″ | 44-1/2″ | 51″ | 3″ |
| LND5510 | 5″ | 5″ | 10″ | 44-1/2″ | 51″ | 3″ |
| LNS5510 | 5″ | 5″ | 10″ | 44-1/2″ | 51″ | 3″ |
| M6610 | 6″ | 6″ | 10″ | 44-3/4″ | 52″ | 3-5/8″ |

## TYPE 1 — END INLET / END OUTLET / ON CENTER — HD VALUE

| | HD VALUE PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH | INLET TUBE LENGTH |
|---|---|---|---|---|---|---|---|
|  HDVM465 | HDVM465 | 5″ | 5″ | 10″ | 44-1/2″ | 51″ | 3″ |

## TYPE 2 — END INLET / END OUTLET / OFFSET




| PN | INLET ID | OUTLET ID | BODY DIAM. | BODY LENGTH | OVERALL LENGTH | OFFSET INLET | OFFSET OUTLET | INLET TUBE LENGTH | INLET POS. | OUTLET POS. |
|---|---|---|---|---|---|---|---|---|---|---|
| M2-2525662 | 2-1/2″ | 2-1/2″ | 6-5/8″ | 28″ | 35″ | 1-5/8″ | 1-5/8″ | 3-1/2″ | 6:00 | 12:00 |
| M2-3385 | 3″ | 3″ | 8-1/2″ | 31-1/4″ | 36-1/4″ | 2″ | 2″ | 11-1/2″ | 6:00 | 12:00 |
| M2-3385X32 | 3″ | 3″ | 8-1/2″ | 27-1/2″ | 32″ | 2″ | 2″ | 11-1/2″ | 6:00 | 12:00 |
| M2-35358X11 | 3-1/2″ | 3-1/2″ | 8-1/4″×11-1/2″ | 26″ | 32-1/4″ | 2-1/2″ | 2-1/2″ | 3″ | 9:00 | 3:00 |
| M2-3548X11 | 3-1/2″ | 4″ | 8-1/4″×11-1/2″ | 26″ | 32-1/4″ | 2-1/2″ | 2-1/2″ | 3-7/8″ | 9:00 | 3:00 |
| M2-4358X11 | 4″ | 3-1/2″ | 8-1/4″×11-1/2″ | 26″ | 32-1/4″ | 2-1/2″ | 2-1/2″ | 3-7/8″ | 9:00 | 3:00 |
| M2-4410 | 4″ | 4″ | 10″ | 27-3/4″ | 33-1/2″ | 2v″ | 2v″ | 2-7/8″ | 6:00 | 12:00 |
| M2-4410X15 | 4″ | 4″ | 10″×15″ | 26″ | 32-1/2″ | 4-1/4″ | 4-1/4″ | 3-1/4″ | 9:00 | 3:00 |
| M2-4411 | 4″ | 4″ | 11″ | 30″ | 36″ | 2-1/2″ | 2-1/2″ | 3″ | 6:00 | 12:00 |
| M2-448X11 | 4″ | 4″ | 8-1/4″×11-1/2″ | 26″ | 33-3/4″ | 2-1/2″ | 2-1/2″ | 3-7/8″ | 9:00 | 3:00 |
| M2-5510X15 | 5″ | 5″ | 10″×15″ | 26″ | 32″ | 38″ | 38″ | 3-1/4″ | 9:00 | 3:00 |
| M2-5510X36 | 5″ | 5″ | 10″×15″ | 36″ | 42-1/2″ | 38″ | 38″ | 3-1/4″ | 9:00 | 3:00 |

## TYPE 2A — END INLET DUAL — END OUTLET / OFFSET




| PN | INLET ID | OUTLET ID | BODY DIAM. | BODY LENGTH | OVERALL LENGTH | OFFSET INLET | OFFSET OUTLET | INLET TUBE LENGTH | INLET POS. | OUTLET POS. |
|---|---|---|---|---|---|---|---|---|---|---|
| M2A-25385 | 2-1/2″ (2) | 3″ | 8-1/2″ | 31-3/4″ | 36-1/4″ | 1-5/8″ | 2″ | 2-1/2″ | 4:00 & 6:00 | 12:00 |

## TYPE 3 — SIDE INLET / END OUTLET




| PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH | OFFSET INLET | OFFSET OUTLET | INLET TUBE LENGTH | INLET POS. | OUTLET POS. |
|---|---|---|---|---|---|---|---|---|---|---|
| M3-4411X66 | 4″ | 4″ | 11″ | 36″ | 39″ | 4-1/4″ | 2-1/2″ | 8-3/4″ | 6:00 | 3:00 |
| M3-4590 | 4″ | 5″ | 9″ | 44-1/2″ | 48″ | 3-3/4″ | On Center | 6-1/4″ | 6:00 | On Center |
| M3-4510X15 | 4″ | 5″ | 10×15″ | 21″ | 25-1/4″ | 3-1/8″ | 4-1/4″ | 1-3/4″ | 3:00 | 3:00 |
| M3-5510 | 5″ | 5″ | 10″ | 44-1/2″ | 48-1/4″ | 5-1/2″ | On Center | 7-1/2″ | 6:00 | On Center |

## TYPE 4 — END INLET / SIDE OUTLET




| PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH | OFFSET INLET | OFFSET OUTLET | INLET TUBE LENGTH | OUTLET FROM END | INLET POS. | OUTLET POS. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-35408X11 | 3-1/2″ | 4″ OD | 8-1/4″×11-1/2″ | 32.56″ | 35.16″ | 2-1/2″ | 9-1/4″ | 2.60″ | 20.48″ | 3:00 | 6:30 |
| M4-35418X11 | 3-1/2″ | 4″ | 8-1/4″×11-1/2″ | 32.56″ | 35.16″ | 2-1/2″ | 6.42″ | 2.60″ | 20.48″ | 3:00 | 1:00 |
| M4-4410 | 4″ | 4″ | 10.12″ | 27-3/4″ | 31″ | 2-7/16″ | 8-3/4″ | 3″ | 24-1/4″ | 4:00 | 12:00 |
| M4-4410X15 | 4″ | 4″ | 10″×15″ | 30-3/8″ | 34″ | 4-1/4″ | 10-1/2″ | 3-1/2″ | 22-7/8″ | 9:00 | 3:00 |
| M4-5510-X15 | 5″ | 5″ | 10″×15″ | 36″ | 39-1/4″ | 3-1/8″ | 9-1/2″ | 3-1/8″ | 28-1/2″ | 9:00 | 3:00 |
| M4-5511 | 5″ | 5″ | 11.09″ | 46″ | 51-3/4″ | 2-1/2″ | 8-1/2″ | 4-1/4″ | 38-1/2″ | 12:00 | 6:00 |

## TYPE 5 — INLET / OUTLET ON SAME END




| PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH | OFFSET INLET | OFFSET OUTLET | INLET TUBE LENGTH | INLET POS. | OUTLET POS. |
|---|---|---|---|---|---|---|---|---|---|---|
| M5-4410 | 4″ | 4″ | 10.08″ | 27-3/4″ | 30-7/8″ | 2.44″ | 2.44″ | 2-7/8″ | 6:00 | 12:00 |
| M5-4410X15 | 4″ | 4″ | 10″×15″ | 26″ | 28-3/8″ | 4-1/4″ | 4-1/4″ | 3″ | 6:00 | 3:00 |
| M5-5510X15 | 5″ | 5″ | 10″×15″ | 26″ | 28-3/8″ | 3.12″ | 3-1/8″ | 3-1/4″ | 9:00 | 3:00 |

## SPLITTER TEE MUFFLER

- Converts a single exhaust system to dual
- Reduces exhaust noise

| | PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH |
|---|---|---|---|---|---|---|
|  | STM50 | 5″ | 5″ | 10″ | 15″ | 21″ |

## PIPE THREAD MUFFLER

| | PN | NPT INLET/OUTLET | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH |
|---|---|---|---|---|---|
|  MPT40 | MPT30 | 3″ | 7″ | 14″ | 19-3/4″ |
| | MPT35 | 3-1/2″ | 7″ | 18-3/8″ | 25-5/8″ |
| | MPT40 | 4″ | 9″ | 20″ | 26″ |

## RESONATORS

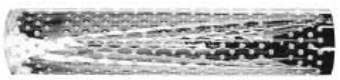
| | PN | INLET/OUTLET ID | DIAMETER | BODY LENGTH | OVERALL LENGTH |
|---|---|---|---|---|---|
|  MR50 | MR40 | 4″ | 9″ | 10″ | 16-1/2″ |
| | MR50 | 5″ | 9″ | 10″ | 16-1/2″ |

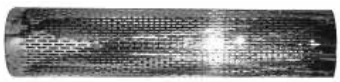
## SPARK ARRESTORS

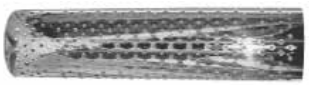
SA Series — Spark arrestors use centrifugal force to reduce sparks by 95%. Tested and approved by the U.S. Forestry Service.

| | PN | INLET ID | OUTLET ID | BODY DIAMETER | BODY LENGTH | OVERALL LENGTH |
|---|---|---|---|---|---|---|
|  SA500 | SA200 | 2″ | 2″ | 6″ | 5″ | 11-1/8″ |
| | SA250 | 2-1/2″ | 2-1/2″ | 6-5/8″ | 6-1/4″ | 13″ |
| | SA300 | 3″ | 3″ | 7″ | 7-5/8″ | 14-5/8″ |
| | SA350 | 3-1/2″ | 3-1/2″ | 7″ | 9″ | 16-1/2″ |
| | SA400 | 4″ | 4″ | 8″ | 10-5/8″ | 18-1/8″ |
| | SA500 | 5″ | 5″ | 9″ | 11-3/4″ | 20-3/4″ |
| | SA600 | 6″ | 6″ | 10″ | 13-3/8″ | 23-1/2″ |

## MUFFLER CAGES & KITS


MC51-10SS


MCV270-10SS


MK51-10SS

| FINISH | LENGTH | WRAP DEGREE | HOLES | CAGE ONLY 9" RINGS PN | CAGE ONLY 10" RINGS PN | KIT WITH 8-1/2" RINGS PN | KIT WITH 9" RINGS PN | KIT WITH 10" RINGS PN |
|---|---|---|---|---|---|---|---|---|
| Painted | 42" | 180° | Round | MC42-9 | — | — | MK42-9 | MK42-10 |
| Stainless | 42" | 180° | Round | — | — | — | MK42-9SS | MK42-10SS |
| Stainless | 48" | 180° | Horizontal | — | — | — | — | MKH48-10SS |
| Stainless | 48" | 270° | Horizontal | MC270-9SS | — | — | — | MKH270-10SS |
| Stainless | 48" | 270° | Vertical | — | MCV270-10SS | — | — | MKV270-10SS |
| Painted | 51" | 180° | Round | MC51-9 | — | — | MK51-9 | MK510-10 |
| Stainless | 51" | 180° | Round | — | MC51-10SS | MC51-85SS | MK51-9SS | MK51-10SS |
| Stainless | 51" | 270° | Round | — | MC270-10SS | — | MK270-9SS | MK270-10SS |
| **360° MUFFLER CAGE** | | | | | | | | |
| Stainless | 51" | 270° | Round | — | MC270-10SS | — | MK270-9SS | MK270-10SS |

## STACK CAGES


SC48-5SS

| | FINISH | LENGTH | WRAP DEGREE | HOLES | CAGE ONLY PN | KIT WITH 4" CAGE RINGS PN | KIT WITH 6" CAGE RINGS PN | KIT WITH 6" CAGE RINGS PN |
|---|---|---|---|---|---|---|---|---|
| | Stainless | 36" | 180° | Round | SC36SS | — | — | — |
| | Painted | 48" | 180° | Round | — | SC48-4 | — | — |
| | Stainless | 48" | 180° | Round | SC48SS | SC48-4SS | SC48-5SS | |
| | Stainless | 51" | 270° | Vertical | SC270SS | — | — | SC270-46SS |

## MUFFLER / STACK CAGE RINGS


CR50


CR100

| | SIZE | PN | CAGE WRAP | USE WITH |
|---|---|---|---|---|
| | 4" | CR40 | 180° | SC36SS/ SC48SS |
| | 5" | CR50 | 180° | SC36SS/ SC48SS |
| | 6" | CR60 | 180° | SC270SS |
| | 81'2" | CR85 | 180° | — |

| SIZE | PN | CAGE WRAP | USE WITH |
|---|---|---|---|
| 9" | CR90 | 180° | MK42-9 / MK51-9 |
| 9" | CRH270-9 | 270° | MCH270-9SS |
| 10" | CR100 | 180° | MK42-10 / MK510-10 |
| 10" | CRH100 | 180° | MCH48-10SS |
| 10" | CR270-10 | 270° | MCV270-10SS |

## RAIN CAPS

- Single bolt installation
- Heavy duty welded assembly

| | SIZE | ZINC PN | CHROME PN | DESIGN |
|---|---|---|---|---|
|  RC500 | 1-1/4″ | RC125 | | Counter Balance |
| | 1-1/2″ | RC150 | | Counter Balance |
| | 1-3/4″ | RC175 | | Counter Balance |
| | 2″ | RC200 | | Counter Balance |
| | 2-1/4″ | RC225 | | Counter Balance |
| | 2-1/2 | RC250 | | Counter Balance |
| | 2-3/4″ | RC275 | | Counter Balance |
|  RC500C | 3″ | RC300 | RC300C | Counter Balance |
| | 3-1/2″ | RC350 | | Counter Balance |
| | 4″ | RC400 | RC400C | Counter Balance |
| | 4-1/2″ | RC450 | | Counter Balance |
| | 5″ | RC500 | RC500C | Counter Balance |
| | 5″ | | RCM500C | Mitered Stack |
| | 6″ | RC600 | RC600C | Counter Balance |
| | 8″ | RC800 | | Counter Balance |

## GRAB HANDLES

- Chrome plated
- Includes fasteners

| | SIZE | PN |
|---|---|---|
|  GH18C | 18″ | GH18C |
| | 24″ | GH24C |

## CHROME & ALUMINUM STACKS — STRAIGHT OD

Part numbers listed are for chrome stacks. Numbers indicated with an asterisk* are also available in aluminized by adding "A" to the end of the part number.


58400

| LENGTH | 3" PN | 3-1/2" PN | 4" PN | 5" PN | 6" PN | 6"–5" PN |
|---|---|---|---|---|---|---|
| 12" | 31200 | 351200 | 41200 | 51200 | — | — |
| 18" | — | 351800 | 41800 | 51800 | 61800 | — |
| 24" | 32400 | 352400 | 42400 | 52400 | 62400 | — |
| 36" | 33600 | 353600 | 43600 | 53600 | 63600 | 653600 |
| 48" | 34800 | 354800 | 44800* | 54800* | 64800 | 654800 |
| 54" | — | — | — | 55400 | — | — |
| 60" | 36000 | 356000 | 46000 | 56000 | 66000 | 656000 |
| 72" | — | — | 47200 | 57200 | 67200 | 657200 |
| 84" | — | — | 48400 | 58400 | 68400 | 658400 |
| 96" | — | — | 49600 | 59600 | 69600 | 659600 |
| 108" | — | — | — | 510800 | 610800 | — |

## CHROME & ALUMINUM STACKS — STRAIGHT ID

Part numbers listed are for chrome stacks. Numbers indicated with an asterisk* are also available in aluminized by adding "A" to the end of the part number.


54810

| LENGTH | 3" PN | 3-1/2" PN | 4" PN | 5" PN | 6" PN | 6"–5" PN |
|---|---|---|---|---|---|---|
| 12" | 31210 | 351210 | 41210 | 51210* | — | — |
| 18" | 31810 | 351810 | 41810* | 51810* | 61810 | — |
| 24" | 32410 | 352410 | 42410* | 52410* | 62410 | — |
| 36" | 33610* | 353610* | 43610* | 53610* | 63610 | 653610 |
| 48" | 34810 | 354810 | 44810* | 54810* | 64810 | 654810 |
| 54" | — | — | — | 55410 | — | — |
| 60" | 36010 | 356010 | 46010 | 56010* | 66010 | 656010 |
| 72" | — | — | 47210 | 57210 | 67210 | 657210 |
| 84" | — | — | 48410 | 58410 | 68410 | 658410 |
| 96" | — | — | 49610 | 59610 | 69610 | 659610 |
| 108" | — | — | 410810 | 510810 | 610810 | 6510810 |
| 120" | — | — | — | 512010 | — | 6512010 |

## CHROME MITERED — OD


610801

| SIZE | 4" PN | 5" PN | 6" PN | 6"–5" PN | 7"–5" PN |
|---|---|---|---|---|---|
| 12" | — | 51201 | — | — | — |
| 18" | 41801 | 51801 | — | — | — |
| 24" | 42401 | 52401 | 62401 | 652401 | — |
| 36" | 43601 | 53601 | 63601 | 653601 | 753601 |
| 48" | 44801 | 54801 | 64801 | 654801 | 754801 |
| 54" | — | 55401 | 65401 | — | — |
| 60" | — | 56001 | 66001 | 656001 | 756001 |
| 72" | 47201 | 57201 | 67201 | 657201 | — |
| 84" | 48401 | 58401 | 68401 | 658401 | — |
| 96" | 49601 | 59601 | 69601 | 659601 | — |
| 108" | — | 510801 | 610801 | — | — |
| 120" | — | 512001 | — | — | — |

## CHROME MITERED — ID


6510811

| SIZE | 4" PN | 5" PN | 6" PN | 6"–5" PN | 7"–5" PN |
|---|---|---|---|---|---|
| 12" | 41211 | 51211 | — | — | — |
| 18" | 41811 | 51811 | — | — | — |
| 24" | 42411 | 52411 | 62411 | — | — |
| 36" | 43611 | 53611 | 63611 | 653611 | — |
| 48" | 44811 | 54811 | 64811 | 654811 | — |
| 54" | — | 55411 | — | — | — |
| 60" | 46011 | 56011 | 66011 | 656011 | — |
| 72" | 47211 | 57211 | 67211 | 657211 | — |
| 84" | 48411 | 58411 | 68411 | 658411 | — |
| 96" | 49611 | 59611 | 69611 | 659611 | — |
| 108" | 410811 | 510811 | 610811 | 6510811 | 7510811 |
| 120" | — | 512011 | 612011 | 6512011 | — |

## CHROME & ALUMINUM STACKS — CURVED OD

Part numbers listed are for chrome stacks. Numbers indicated with an asterisk* are also available in aluminized by adding "A" to the end of the part number.


51807

| | LENGTH | 3" PN | 3-1/2" PN | 4" PN | 5" PN | 6" PN | 6"–5" PN | 7"–5" PN |
|---|---|---|---|---|---|---|---|---|
| | 12" | 31207* | 351207* | 41207* | 51207* | — | — | — |
| | 18" | 31807 | 351807 | 41807* | 51807* | 61807 | — | — |
| | 24" | 32407 | 352407 | 42407* | 52407* | 62407 | 652407 | — |
| | 36" | 33607 | 353607 | 43607* | 53607* | 63607 | 653607 | 753607 |
| | 48" | 34807 | 354807 | 44807* | 54807* | 64807 | 654807 | 754807 |
| | 54" | — | — | — | 55407 | — | — | — |
| | 60" | 36007 | 356007 | 46007* | 56007* | 66007 | 656007 | 756007 |
| | 72" | 37207 | 357207 | 47207 | 57207 | 67207 | 657207 | — |
| | 84" | 38407 | 358407 | 48407 | 58407 | 68407 | 658407 | — |
| | 96" | 39607 | 359607 | 49607 | 59607 | 69607 | 659607 | — |
| | 108" | — | — | 410807 | 510807 | 610807 | 6510807 | — |
| | 120" | — | — | — | — | — | 6512007 | — |

## CHROME & ALUMINUM STACKS — CURVED ID

Part numbers listed are for chrome stacks. Numbers indicated with an asterisk* are also available in aluminized by adding "A" to the end of the part number.


51817

| | LENGTH | 3" PN | 3-1/2" PN | 4" PN | 5" PN | 6" PN | 6"–5" PN | 7"–5" PN |
|---|---|---|---|---|---|---|---|---|
| | 12" | 31217* | 351217* | 41217* | 51217* | — | — | — |
| | 18" | 31817 | 351817 | 41817* | 51817* | 61817 | — | — |
| | 24" | 32417 | 352417 | 42417* | 52417* | 62417 | — | — |
| | 36" | 33617 | 353617 | 43617* | 53617* | 63617 | 653617 | — |
| | 48" | 34817 | 354817 | 44817* | 54817* | — | 654817 | — |
| | 54" | — | — | — | 55417 | — | — | — |
| | 60" | 36017 | 356017 | 46017* | 56017* | — | 656017 | — |
| | 72" | — | — | 47217 | 57217 | — | 657217 | — |
| | 84" | — | — | 48417 | 58417 | — | 658417 | 758417 |
| | 96" | — | — | — | 59617 | 69617 | 659617 | 759617 |
| | 108" | — | — | — | 510817 | 610817 | 6510817 | — |
| | 120" | — | — | — | 512017 | — | — | — |

## BULL HAULER

| | LENGTH | 5″ OD PN | 5″ ID PN | 6″–5″ OD PN | 6″–5″ ID PN | 7″–5″ OD PN |
|---|---|---|---|---|---|---|
|  65914 | 24″ | 52404 | 52414 | — | — | — |
| | 36″ | 53604 | 53614 | 653604 | 653614 | 753604 |
| | 48″ | 54804 | 54814 | 654804 | 654814 | 754804 |
| | 60″ | 56004 | 56014 | 656004 | 656014 | 756004 |
| | 72″ | 57204 | 57214 | 657204 | 657214 | — |
| | 84″ | 58404 | 58414 | 658404 | 658414 | — |
| | 96″ | 59604 | 59614 | 659604 | 659614 | — |
| | 108″ | — | 510814 | — | 6510814 | — |
| | 120″ | — | 512014 | — | 6512014 | — |

Extended turnout stacks. Also referred to as "Slash Cut" or "California Cowboy Cut" stacks.

## EXHAUST MANIFOLDS†

- Cast iron or stainless tubular construction protects against warping or cracking
- Leak-resistant for long-lasting performance
- A rigorous quality inspection has been undertaken to ensure product standards

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  674-5002 | 674-5002 | Exhaust Manifold | 2000–2004 | Freightliner, International, Kenworth, KME, Peterbilt, Spartan, Sterling, Sterling Truck, Western Star | | C15; Caterpillar, C15-455; Caterpillar, C15A-435; Caterpillar, C15A-475; Caterpillar, C15A-550; Caterpillar, C15A-600; Caterpillar, C16; Caterpillar |
|  674-5006 | 674-5006 | Exhaust Manifold | 1995–2002 | IC Corporation, International | 2554, 2574, 2654, 2674, 3000, 3000 IC, 3000FE, 3000IC, 3200, 3600, 3800, 3900FC, 4300, 4300LP, 4400, 4400LP, 4700, 4700LP, 4800, 4900, 5500i, 5600i, 7100, 7300, 7300 SBA, 7400, 7500, 8000, 8100, 8200, 8500, 9200, 9300, Genesis RE | DT466, DTA-466(D2) |
| | 674-5007 | Exhaust Manifold | 2004–2007 | Blue Bird, Crane Carrier, Ford, Freightliner, Kenworth, Peterbilt, Sterling, Sterling Truck, Workhorse | | ISB 5.9, ISB 6.7, ISB E-175, ISB E-190, ISB E-195, ISB E-210, ISB, ISB-145, Eng |
| | 674-5008 | Exhaust Manifold | 2004–2007 | Blue Bird, Chevrolet, Crane Carrier, Ford, Freightliner, GMC, Kenworth, Peterbilt, Pierce Mfg. Inc., Sterling, Sterling Truck | | C7; Caterpillar, C7-175; Caterpillar, C7-210; Caterpillar, C7-230; Caterpillar, C7-250; Caterpillar, C7-275; Caterpillar, C7-300; Caterpillar |
| | 674-5600 | Exhaust Manifold | 1999–2000 | Chevrolet, GMC, Workhorse | B7, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, P32, P42 | V8 454CID 7.4L , V8 454CID 7.4L ; GAS |
| | 674-5602 | Exhaust Manifold Kit | 2003–2007 | Chevrolet, GMC, Isuzu, Workhorse, Workhorse Custom Chassis | FasTrack FT1461, FasTrack FT1801, NPR, NPR-HD, P42, W16, W18, W3500 Forward, W3500 Tiltmaster, W42, W4500 Forward, W4500 Tiltmaster, W62 | V8 364CID 6.0L (5967cc); GAS, V8 365CID 6.0L (5972cc); Gas |
| | 674-5603 | Exhaust Manifold Kit | 2003–2007 | Chevrolet, GMC, Isuzu, Workhorse, Workhorse Custom Chassis | FasTrack FT1461, FasTrack FT1801, NPR, NPR-HD, P42, W16, W18, W3500 Forward, W3500 Tiltmaster, W42, W4500 Forward, W4500 Tiltmaster, W62 | V8 364CID 6.0L (5967cc); GAS, V8 365CID 6.0L (5972cc); Gas |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# Cab & Chrome

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## CAB — SEATS

### AIR SEATS

| | BOSTROM PN | NATIONAL SEATING PN | DESCRIPTION |
|---|---|---|---|
|  2339177-550 | 2339130-544 | 50765005 | Mid Back — Black Vinyl |
| | 2339131-544 | — | Hi Back — Black Vinyl |
| | 2339177-550 | 50764367 | Hi Back — Black Cloth w/ Arms |
| | 2339177-552 | 50764361 | Hi Back — Gray Cloth w/ Arms |
| | — | 50764066 | Captain — Black/Gray Cloth w/o Arms |

### SEAT ADJUSTMENT KNOB†

- Direct replacement for a proper fit every time
- Easy to install
- No special tools necessary for installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  702-5501CD | 702-5501CD | Seat Adjusting Knob | 2005–2018 | Volvo | VN, VNL |

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## SEAT CUSHION PADS†

- Durable seat cushions provide driving comfort while on long roads and highways
- Application specific for a quick and easy bolt-on installation
- Available in different sizes, including extra-large (where applicable), so an exact fit is ensured

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  641-5101 | 641-5101 | 2001–2016 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, TerraStar, WorkStar 7600 |
| | 641-5102 | 2001–2016 | International | 3000, 3000IC, 3000RE, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, TerraStar, WorkStar 7600 |
| | 641-5104 | 1990–2016 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, RXT, WorkStar 7600 |
|  641-5104 | 641-5106 | 2001–2016 | International | 3000, 3000IC, 3000RE, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, TerraStar, WorkStar 7600 |
| | 641-5107 | 1986–2015 | International | 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 641-5109 | 2001–2016 | International | 7300, 7300 SBA, 7300 SFA, ProStar |

## BLOW GUN KIT†

Typically connected to the air supply of the air seat and used to blow out dust and dirt in the cab.*

| | PN | INLET |
|---|---|---|
|  63050P | 63050P | 1/4" NPTF |

* Conforms to U.S. Department of Labor, OSHA Standard 1910.242 (B) allowing less than 30 PSI outlet pressure at the nozzle when dead ended and standard 1910.95 regulating occupational noise level exposure.

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## MATTRESSES

- Compression-rolled for easy shipping & install


TK-3880


TR-3579


TS-2879

| PN | DESCRIPTION | APPLICATION |
|---|---|---|
| TK-3880 | 38×80×6-1/2" Luxury Hi Density Foam | Freightliner, Kenworth, Mack, Peterbilt, Volvo |
| TK-4280 | 42×80×6-1/2" Luxury Mattress | Freightliner, International, Kenworth,Peterbilt,Volvo |
| TK-3579 | 35×79×6-1/2" Luxury Hi Density Foam | International, Volvo |
| TK-3279 | 32×79×6-1/2" Luxury Mattress | Peterbilt |
| TR-3279 | 32×79×5-1/2" Relax Truck Mattress | Peterbilt |
| TR-3579 | 35×79×5-1/2" Relax Truck Mattress | International, Volvo |
| TR-3880 | 38×80×5-1/2" Relax Truck Mattress | Freightliner, Kenworth, Mack, Peterbilt, Volvo |
| TR-3676 | 36×76×5-1/2" Relax Truck Mattress | Volvo |
| TR-4280 | 42×80×5-1/2" Relax Truck Mattress | Freightliner, International, Kenworth,Peterbilt,Volvo |
| TS-2879 | 28×79×4" Truck Sleep Mat for Top Bunk | Freightliner, International, Kenworth,Mack, Peterbilt |

# CAB — FANS / CB RADIOS

## DASH FANS†

- 6" chrome-plated steel blade guard
- Heavy-duty electric motor

| | PN | DESCRIPTION |
|---|---|---|
|  DF12V  HD250-12V | DF12V | 12V Dash Fan w/ Switch |
| | DF24V | 24V Dash Fan w/ Switch |
| | HD250-12V | Premium 12V Dash Fan, Variable Speed |

## CB RADIOS

Cobra

| | PN | DESCRIPTION |
|---|---|---|
|  29LTD  29LTD-BT | 18WXSTII | Compact CB w/ Weather & Soundtracker |
| | 25LTD | Classic Radio |
| | 29LTD | Classic Radio |
| | 29LTD-BT | Bluetooth CB |
| | 29NW | Nightwatch Radio |
| | 29WXNWST | 29 Series Nightwatch Radio w/ Weather |

## ACCESSORIES

Cobra

| | PN | DESCRIPTION |
|---|---|---|
|  HGA1500 | AUC-3 | 3-Way Mirror Mount |
| | AUMM23-W/B | 3' White Dual Mirror Mount Antenna Kit |
| | AU4-B | 4' Black Fiberglass CB Antenna |
| | HGA1500 | Magnetic Mount Antenna |
| | HGM73 | Dynamic Mike – 4 Pin |
| | SS3H | Mounting Spring |
| | KW5B | Firestick Antenna — Black |

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## INSTRUMENTS & GAUGES†

| | STEWART WARNER PN | DESCRIPTION | DATCON CROSS PN |
|---|---|---|---|
|  82329 | 279B-F | Pressure Sender — E/F Ground | 02505-00 |
| | 391D-D | Fuel Level Sender — 240 ohms | 100735 |
| | 82323 | Oil Pressure Gauge — Mechanical 0-100 Chrome | 100189 |
| | 82326-144 | Water Temperature — Mechanical 144" Capillary Chrome | 100207 |
| | 82329 | Air Pressure Gauge — Mechanical 0-150 Chrome | 100191 |
| | 85097-02 | DC Hour Meter | — |

Available with black or chrome bezel, and white or black face.

## INSTRUMENT PANEL CIRCUIT BOARD†

- Replacement restores instrument cluster gauges and instrument lighting for optimal performance
- Available as a complete kit, including all necessary components and instructions needed for installation
- Dorman's instrument panel circuit board is designed to eliminate future failures from reoccurring

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  599-5103 | 599-5103 | Instrument Panel Circuit Board | 1992–2002 | IC, IC Corporation, International | 2554, 2574, 2654, 2674, 3000, 3000 IC, 3000FE, 3000IC, 3000RE, 3400, 3600, 3700, 3800, 3800 CE, 3900, 3900FC, 4700, 4700LP, 4700LPX, 4800, 4900, 8100 |

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## ACCELERATOR PEDALS†

- Includes installation hardware and step-by-step instructions for ease of installation (where applicable)
- Direct replacement for a proper fit every time
- High quality materials ensure durability



699-5101



699-5102



699-5103

| PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| 699-5101 | Accelerator Pedal | 1997–2008 | IC Corporation, International | 3000, 3000 IC, 3000IC, 3800, 4700, 4700LP, 4700LPX, 4800, 4900 | T444E |
| 699-5102 | Accelerator Pedal | 2003–2007 | International | 7400, 7600, 7700, 8600 SBA, ProStar | |
| 699-5103 | Accelerator Pedal | 2002–2016 | IC Corporation, International | 3200, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, 7500, 7600, 7700, 8600, ProStar | Standard Trans. |
| 699-5104 | Accelerator Pedal | 1997–2006 | IC Corporation, International | 2554, 2574, 2654, 2674, 3000 Chassis, 3800, 4700, 4700LP, 4800, 4900, 8100 | DT466 |
| 699-5201 | Accelerator Pedal | 2008–2011 | Freightliner | Cascadia, Cascadia 125 | Series 60; Detroit Diesel |
| 699-5501 | Accelerator Pedal | 2010–2016 | Mack | MRU | |
| 699-5502 | Accelerator Pedal | 1997–2005 | Mack | DM, MR, RD | E7; Mack |

## AIR SHIFT KNOBS†

- Direct replacement for a proper fit
- Easy to install
- No special tools required



455-5001



455-5002



455-5003



455-5004

| PN | DESCRIPTION |
|---|---|
| 455-5001 | Air Shift Knob |
| 455-5001CD | Air Shift Knob |
| 455-5002 | Air Shift Knob |
| 455-5002CD | Air Shift Knob |
| 455-5003 | Air Shift Knob |
| 455-5003CD | Air Shift Knob |
| 455-5004 | Air Shift Knob |
| 455-5005 | Air Shift Knob |
| 455-5005CD | Air Shift Knob |
| 455-5008 | Air Shift Knob |
| 455-5008CD | Air Shift Knob |
| 455-5009 | Air Shift Knob |
| 455-5009CD | Air Shift Knob |
| 455-5010 | Air Shift Knob |
| 455-5010CD | Air Shift Knob |

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## HORN PAD†

- Direct replacement for a proper fit every time
- An immediate "must-fix" item, replacement is required to pass state inspection
- Easy to install, no special tools required during installation

| | PN | DESCRIPTION | YEAR | MAKE |
|---|---|---|---|---|
|  924-5123 | 924-5123 | Horn Actuator Pad | 2001–2017 | IC, IC Corporation, International |

## IGNITION LOCK CYLINDER†

- Direct replacement for proper operation every time
- Comes coded and assembled with key
- Includes necessary components for a complete repair

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5220 | 924-5220 | Vehicle Lock Cylinder Kit | 2002–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125, M2, M2 100, M2 106, M2 112 |

## INTERIOR LIGHTING†

- Direct replacement for a proper fit every time
- Easy to install
- This part has undergone vehicle try-on testing to meet product standards and quality

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5519CD | 924-5519CD | Sun Visor Light | 1996–2015 | Volvo | VN, VNL, VNM |

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## PARKING BRAKE HANDLE†

- Engineered improvements enhance performance
- Plug and play, no wire splicing necessary
- Features anti-pinch technology (where applicable), safety feature reduces risk to passengers

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5617 | 924-5617 | Parking Brake Handle | 1999–2005 | Workhorse | P32, P42 |

## SHIFT BOOTS†

- Prevents dirt and debris from entering the shift linkage
- Direct replacement for a proper fit
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5111 | 924-5111 | Automatic / Manual Transmission Shift Boot | 1990–2004 | International | 2554, 2574, 2654, 2674, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900 |
| | 924-5111CD | Automatic / Manual Transmission Shift Boot | 1990–2004 | International | 2554, 2574, 2654, 2674, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900 |
|  924-5405 | 924-5405 | Automatic / Manual Transmission Shift Boot | 1999–2010 | Kenworth | T170, T2000, T270, T300, T370, T600A, T660, T800, W900 |
| | 924-5405CD | Automatic / Manual Transmission Shift Boot | 1999–2010 | Kenworth | T170, T2000, T270, T300, T370, T600A, T660, T800, W900 |
| | 924-5406 | Automatic / Manual Transmission Shift Boot | 1999–2010 | Kenworth | C500, K300, T170, T2000, T270, T300, T370, T600A, T660, T800, W900 |
| | 924-5406CD | Automatic / Manual Transmission Shift Boot | 1999–2010 | Kenworth | C500, K300, T170, T2000, T270, T300, T370, T600A, T660, T800, W900 |
| | 924-5407 | Automatic / Manual Transmission Shift Boot | | | |

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## TILT CAB LOCK†

- New handle matches the original design fitting in with your car's interior
- Direct replacement for a proper fit every time
- Easy installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  315-5520 | 315-5520 | HDY Cab Lock | 1991–2012 | Mack | LEU, MR, MRU | MR600K SubModel, MR600P SubModel, MR600S SubModel |

## INTERIOR DOOR HANDLES†

- Made of sturdy metal or plastic for years of use
- Includes interior door handle spring (where applicable)
- Save time, money and labor — replace the part, not the assembly

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  761-5202 | 761-5202 | Interior Door Handle | 2009–2012 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 760-5419 | Door Handle | 1975–2005 | Peterbilt | 330, 349, 353, 357, 359, 362, 377, 378, 379 |
| | 760-5423 | Door Handle | 1982–2005 | Kenworth | T400, T450, T600, T600A, T800, W900 |
| | 760-5424 | Door Handle | 1982–2005 | Kenworth | T400, T450, T600, T600A, T800, W900 |
| | 761-5406 | Door Handle | 1995–2002 | Kenworth | T300, T450, T600A, T800, W900 |
| | 761-5407 | Door Handle | 1995–2002 | Kenworth | T300, T450, T600A, T800, W900 |
|  760-5419 | 761-5103 | Inside Handle | 2010–2011 | International | Durastar |
| | 761-5104 | Inside Handle | 2010–2011 | International | Durastar |
| | 761-5107 | Inside Handle | 1986–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9600, 9700, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
|  761-5103 | 760-5503 | Interior Door Handle | 1989–2004 | Volvo | WAH, WC, WG, WH, WI, WX |
| | 760-5504 | Interior Door Handle | 1989–2004 | Volvo | WAH, WC, WG, WH, WI, WX |
| | 761-5106 | Interior Door Handle | 1986–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9600, 9700, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 761-5108 | Interior Door Handle | 1986–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9600, 9700, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## INTERIOR DOOR HANDLES†, continued

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  760-5503 | 761-5109 | Interior Door Handle | 1986–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9300, 9400, 9400i SBA, 9600, 9700, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 761-5201 | Interior Door Handle | 2004–2011 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120 |
| | 761-5204 | Interior Door Handle | 2003–2013 | Freightliner | Business Class M2, Cascadia, Cascadia 113, Cascadia 125, Columbia, Columbia 112, Columbia 120, Coronado, Coronado 122, Coronado 132, M2, M2 100, M2 106, M2 112 |
| | 761-5205 | Interior Door Handle | 2012–2017 | Freightliner | 108SD, 114SD, 122SD, Coronado, Coronado 122, M2 106, M2 112 |
| | 761-5209 | Interior Door Handle | 1988–2012 | Freightliner | Classic, Classic XL, FLD112, FLD120, FLD120 SD, FLD120SD, FLD132 |
| | 761-5215 | Interior Door Handle | 2003–2013 | Freightliner | Business Class M2, Cascadia, Cascadia 113, Cascadia 125, Coronado, Coronado 122, Coronado 132, M2, M2 100, M2 106, M2 112 |
| | 761-5216 | Interior Door Handle | 2003–2013 | Freightliner | Business Class M2, Cascadia, Cascadia 113, Cascadia 125, Coronado, Coronado 122, Coronado 132, M2, M2 100, M2 106, M2 112 |
| | 761-5503 | Interior Door Handle | 1996–2015 | Mack | LE, LEU |
| | 761-5505 | Interior Door Handle | 1995–2015 | Mack | LE, LEU |
| | 761-5506 | Interior Door Handle | 1995–2015 | Mack | LE, LEU |
| | 761-5509 | Interior Door Handle | 2001–2008 | Mack | CV |
| | 761-5510 | Interior Door Handle | 2001–2008 | Mack | CV |
| | 761-5600 | Interior Door Handle | 1990–2002 | Chevrolet, GMC | C3500HD, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick |
| | 761-5601 | Interior Door Handle | 1990–2002 | Chevrolet, GMC | C3500HD, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick |
| | 760-5109 | Interior Door Pull | 2000–2015 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200i SBA, 9400, 9400i SBA, 9900, 9900i SFA, 9900ix SFA |
| | 761-5105 | Interior Pull Handle | 2005–2011 | International | 3200, 4100, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700 |

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## WINDOW HANDLES†

- Engineered improvements enhance performance
- Plug and play, no wire splicing necessary
- Features anti-pinch technology (where applicable), safety feature reduces risk to passengers

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  775-5102 | 775-5102 | Window Crank Handle | 1973–2016 | International | |
| | 775-5104 | Window Crank Handle | 1981–1997 | International | 1452SC, 1652SC, 1652UPS, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 5000, 7100, 8300, 9300, 9400 |
| | 775-5202 | Window Crank Handle | 2002–2015 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 775-5203 | Window Crank Handle | 2000–2009 | Sterling, Sterling Truck | Acterra, Acterra 5500, Acterra 6500, Acterra 7500, Acterra 8500 |
| | 775-5402CD | Window Crank Handle | 2005–2007 | Kenworth | T300, T600A |
|  775-5104 | 775-5503 | Window Crank Handle | 1998–2004 | Volvo | VHD, VNL |
| | 775-5504 | Window Crank Handle | 2005–2013 | Volvo | VHD, VNL |
| | 775-5505 | Window Crank Handle | 1996–2004 | Volvo | VHD, VN, VNL, VNM, VT |
| | 775-5506 | Window Crank Handle | 1992–1998 | Volvo | FE |
| | 775-5600 | Window Crank Handle | 1997–2009 | Chevrolet, GMC, Isuzu | FRR, FSR, FTR, FVR, FXR, T6, T6500, T7, T7500, T8500, WT5500 |
|  775-5101 | 775-5601 | Window Crank Handle | 1995–2005 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
| | 775-5602 | Window Crank Handle | 1995–2002 | Chevrolet, GMC | C3500HD, C4500 Kodiak, C5500, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick, C8500 |
|  775-5201 | 775-5603 | Window Crank Handle | 2003–2016 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, Express 4500, HTR, HVR, HXR, Savana 4500 |
| | 775-5604 | Window Crank Handle | 1990–2011 | Peterbilt | 320, 330, 335, 337, 340, 357, 362, 365, 367, 375, 377, 379, 385, 387, 388, 389 |
| | 775-5101CD | Window Handle | 2002–2009 | International | 4300, 4300LP, Durastar |
| | 775-5201 | Window Handle | 1991–2009 | Freightliner | Classic, FLD120, FLD120 SD, Severe-Duty FLD |
| | 775-5201CD | Window Handle | 1991–2009 | Freightliner | Classic, FLD120, FLD120 SD, Severe-Duty FLD |
| | 775-5501CD | Window Handle | 1995–2009 | Mack | CH, CHU, CV, CXP, CXU, GU7, GU8, Pinnacle |
| | 775-5502CD | Window Handle | 1995–2009 | Mack | CH, CHU, CV, CXP, CXU, GU7, GU8, Pinnacle |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## POWER WINDOW MOTOR & REGULATOR ASSEMBLIES†

- Comes with necessary hardware for a complete repair (where applicable)
- Available in a variety of colors and finishes, including chrome
- Easy to install



741-5101

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 741-5101 | Power Window Motor & Regulator Assembly | 2000–2007 | International | 5000, 5500i, 5600i, 5900i, 5900i SBA, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 741-5102 | Power Window Motor & Regulator Assembly | 2000–2007 | International | 5000, 5500i, 5600i, 5900i, 5900i SBA, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 741-5201 | Power Window Motor & Regulator Assembly | 1996–2010 | Freightliner | FLD112, FLD120, FLD120 SD, FLD132 |
| 741-5202 | Power Window Motor & Regulator Assembly | 1996–2010 | Freightliner | FLD112, FLD120, FLD120 SD, FLD132 |
| 741-5203 | Power Window Motor & Regulator Assembly | 1997–2010 | Freightliner | Argosy, Century Class |
| 741-5204 | Power Window Motor & Regulator Assembly | 1997–2010 | Freightliner | Argosy, Century Class |
| 741-5401 | Power Window Motor & Regulator Assembly | 1987–2005 | Peterbilt | 357, 378, 379 |
| 741-5402 | Power Window Motor & Regulator Assembly | 1987–2005 | Peterbilt | 357, 378, 379 |
| 741-5403 | Power Window Motor & Regulator Assembly | 2009–2010 | Kenworth | T800, W900 |
| 741-5404 | Power Window Motor & Regulator Assembly | 2009–2010 | Kenworth | T800, W900 |
| 741-5405 | Power Window Motor & Regulator Assembly | 2003–2010 | Kenworth, Peterbilt | 386, 387, T2000 |
| 741-5406 | Power Window Motor & Regulator Assembly | 2003–2010 | Kenworth, Peterbilt | 386, 387, T2000 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## WINDOW REGULATORS†

- Engineered improvements enhance performance
- Plug and play, no wire splicing necessary
- Features anti-pinch technology (where applicable), safety feature reduces risk to passengers


740-5103


740-5104

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 740-5103 | Window Regulator | 1989–2002 | International | 1452 FC, 1452SC, 1652SC, 1652UPS, 2554, 2574, 2575, 2654, 2674, 2675, 3000, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8100, 8200, 8300, 9600, 9700, 9800, 9800 SBA, 9800 SFA |
| 740-5104 | Window Regulator | 1989–2002 | International | 1452 FC, 1452SC, 1652SC, 1652UPS, 2554, 2574, 2575, 2654, 2674, 2675, 3000, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8100, 8200, 8300, 9600, 9700, 9800, 9800 SBA, 9800 SFA |
| 740-5205 | Window Regulator | 1994–1997 | Ford | CF7000, CF8000, CFT8000 |
| 740-5206 | Window Regulator | 1994–1997 | Ford | CF7000, CF8000, CFT8000 |
| 740-5207 | Window Regulator | 1996–1998 | Ford | A9513, A9522, AT9513, AT9522, L8501, L8511, L8513, L9501, L9511, L9513, L9522, LT8501, LT8511, LT8513, LT9501, LT9511, LT9513, LT9522 |
| 740-5501 | Window Regulator | 1991–2003 | Mack | MR |
| 740-5502 | Window Regulator | 1991–2003 | Mack | MR |
| 740-5503 | Window Regulator | 1989–2009 | Mack | MR, MRU |
| 740-5504 | Window Regulator | 1989–2009 | Mack | MR, MRU |
| 740-5505 | Window Regulator | 1990–2000 | Mack | RD |
| 740-5506 | Window Regulator | 1990–2000 | Mack | RD |
| 740-5507 | Window Regulator | 1997–2002 | Mack | CH |
| 740-5508 | Window Regulator | 1997–2002 | Mack | CH |
| 740-5509 | Window Regulator | 1996–2015 | Volvo | VN, VNL |
| 740-5510 | Window Regulator | 1996–2015 | Volvo | VN, VNL |

## WINDOW CHANNELS†

- Engineered improvements enhance performance
- Plug and play, no wire splicing necessary
- Features anti-pinch technology (where applicable), safety feature reduces risk to passengers


750-5401


750-5402


750-5501

| PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
| 750-5401 | Window Channel | 1992–2015 | Kenworth | T600A, T800, W900 | |
| 750-5402 | Window Channel | 1992–2015 | Kenworth | T600A, T800, W900 | |
| 750-5501 | Window Channel | 1990–2011 | Mack | MR, MRU | MR600K SubModel, MR600P SubModel, MR600S SubModel |
| 750-5502 | Window Channel | 1990–2011 | Mack | MR, MRU | MR600K SubModel, MR600P SubModel, MR600S SubModel |
| 750-5503 | Window Channel | 1990–2001 | Mack | RD | RD600K SubModel, RD600P SubModel, RD600S SubModel, RD600SX SubModel |
| 750-5504 | Window Channel | 1995–2009 | Mack | CH, CHN, CHU, CXN, CXP, CXU, Pinnacle, Vision | |
| 750-5505 | Window Channel | 1990–2001 | Mack | RD | RD600K SubModel, RD600P SubModel, RD600S SubModel, RD600SX SubModel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BRAKE LIGHT SWITCHES†

- An immediate 'must-fix' item, replacement required to pass state inspection
- Easy to install
- Constructed of quality materials for increased durability and performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-0001  901-0004 | 901-0001 | Brake Lamp Switch | 2001–2016 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, CE, RXT, TerraStar |
| | 901-0004 | Brake Light Switch | 1997–2009 | Chevrolet, GMC, Isuzu | FSR, FTR, FVR, FXR, T5500, T6500, T7500, T8500 |

## CRUISE CONTROL SWITCHES†

- Direct replacement ensures a proper fit every time
- Switch enables cruise control and horn for increased driving safety
- Switch designed to match the overall appearance of the original

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-0008 | 901-0008 | Cruise Control Switch | 2001–2016 | International | 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 TranStar, CXT, RXT, WorkStar 7600 |
| | 901-5101 | Cruise Control Switch | 2007–2016 | International | ProStar |
|  901-5101 | 901-5129 | Cruise Control Switch | 1990–2017 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CXT, MXT, ProStar, RXT, TerraStar |
| 901-5129  | 901-5215 | Cruise Control Switch | 2001–2015 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120 |
| | 901-5216 | Cruise Control Switch | 2001–2017 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120 |

## DOOR MIRROR SWITCHES†

- Direct replacement for a proper fit every time
- Plug and play
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-5126 | 901-5126 | Door Mirror Switch | 1990–2016 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, CXT, MXT, RXT |
| | 901-5201CD | Door Mirror Switch | 2003–2009 | Freightliner | Century Class |
|  901-5202 | 901-5202 | Door Mirror Switch | 2007–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 901-5401 | Door Mirror Switch | 2006–2010 | Kenworth | T660 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOOR WINDOW SWITCHES†

- Direct replacement for proper fit and function every time
- Housing made of high-quality plastic
- Designed to match the appearance of the original switch

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-0011 | 901-0011 | Power Window Switch | 2004–2017 | Volvo | VAH, VHD, VNL, VT |
| | 901-5203 | Power Window Switch | 2007–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
|  901-0014 | 901-0014 | Window Switch | 2005–2016 | Volvo | VN, VNL |
| | 901-5204CD | Window Switch | 2003–2010 | Freightliner | Columbia |
| | 901-5205CD | Window Switch | 2003–2010 | Freightliner | Columbia |
|  901-5602 | 901-5602 | Window Switch | 2003–2009 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, HTR, HVR, HXR, Kodiak C8500, Topkick C8500 |

## ENGINE BRAKE SWITCHES†

- Direct replacement for a proper fit every time
- Essential for proper functioning of the engine brake
- Ideal replacement to engage and disengage the engine brake

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-5412 | 901-5412 | Engine Brake Switch | 2006–2017 | Kenworth | T600, T600A, T660, T800 |
| | 901t-5413 | Engine Brake Switch | 2006–2017 | Kenworth | T600, T600A, T660, T800 |

## HAZARD WARNING SWITCHES†

- Durable plastic housing for a long service life
- Direct replacement for a proper fit every time
- Replacement helps you pass state inspection and avoid tickets and fines

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-0005 | 901-0005 | Light/Hazard Switch | 2005–2017 | Volvo | VN, VNL, VNM |
|  924-5530 | 924-5530 | Hazard Switch | 1996–2004 | Volvo | VN, VNL, VNM |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HEADLIGHT SWITCHES†

- Plug and play, no wire splicing necessary
- Direct replacement for a proper fit
- An essential replacement item for passing state inspection



901-0006



901-5130

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 901-0006 | Headlight Switch | 2004–2018 | Volvo | VNL |
| 901-5130 | Headlight Switch | 2002–2017 | IC Corporation, International | 1300 FBC, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 8500, 8600 SBA, CXT, LoneStar, MXT, ProStar |
| 901-5206CD | Headlight Switch | 2003–2017 | Freightliner | Columbia |
| 901-5402 | Headlamp Switch | 1997–2010 | Kenworth | T2000 |

## MULTI FUNCTION SWITCHES†

- Multi function switches operate various systems on the vehicle, including lights, turn signals, cruise control and wiper system
- A necessary replacement item for passing state inspection
- Plug and play for easy installation

978-5101



978-5102



978-5201



| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 978-5101 | Console Multi Function Switch | 1989–2010 | IC, International | 3000, 3000RE, 3200, 3300, 3400, 3600, 3800, 3800 CE, 4700, 4700LP, 4700LPX, 4800, 4900 |
| 978-5102 | Console Multi Function Switch | 2002–2014 | International | 9100i SBA, 9200, 9200i SBA, 9400, 9400i SBA, 9800, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| 978-5201 | Console Multi Function Switch | 2003–2015 | Freightliner, IC, Thomas | 3300 CE, C2, M2, M2 106, M2 112, Saf-T-Liner C2 |
| 978-5204 | Console Multi Function Switch | 1998–2003 | Freightliner | Century Class, Columbia, Columbia 120, Coronado, Coronado 132 |
| 978-5210 | Console Multi Function Switch | 2002–2007 | Freightliner, Thomas | FS65, Saf-T-Liner FS-65 |
| 978-5211 | Console Multi Function Switch | 1996–2015 | Freightliner | Century Class, Columbia, Columbia 112, Columbia 120, MT35, MT45, MT55 |
| 978-5409 | Console Multi Function Switch | 1993–2007 | Peterbilt | 320 |
| 978-5411 | Console Multi Function Switch | 1987–1998 | Peterbilt | 377, 378, 379 |
| 978-5412 | Console Multi Function Switch | 1987–1998 | Peterbilt | 377, 378, 379 |
| 978-5501 | Console Multi Function Switch | 2005–2012 | Volvo | VN, VNL |
| 978-5502 | Console Multi Function Switch | 1986–2015 | Mack | DM, MR, MRU |
| 978-5503 | Console Multi Function Switch | 2001–2004 | Mack | CH, CV |
| 978-5504 | Console Multi Function Switch | 1989–2008 | Mack | CH, CV, CXN |
| 978-5505 | Console Multi Function Switch | 1987–1995 | Mack | RD |
| 978-5506 | Console Multi Function Switch | 1987–1995 | Mack | RD |
| 978-5511 | Console Multi Function Switch | 2004–2015 | Volvo | VAH, VHD, VN, VNL, VNM |
| 978-5512 | Console Multi Function Switch | 1995–2000 | Volvo | ACL, WG, WI |
| 978-5514 | Console Multi Function Switch | 1986–2002 | Western Star | 4800, 4900, 4900E, 4900EX, 4900FA, 4900SA |

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## WINDSHIELD WIPER SWITCHES†

- Direct replacement for a proper fit every time
- Easy to install
- Manufactured to strict engineering quality standards

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-5102  901-5210 | 901-5102 | Windshield Wiper Switch | 2000–2010 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9800, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 901-5210 | Windshield Wiper Switch | 2000–2017 | Freightliner | Columbia, Columbia 112, Columbia 120, Coronado, Coronado 122, Coronado 132 |

## SWITCHES† — OTHER

- Direct replacement for a proper fit every time
- Restores the ability to properly adjust vehicle headlights
- Easy to install–no special tools necessary during installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-0012 | 901-0012 | Dimmer Switch | 1996–1999 | International | 5000, 9100 SBA, 9100i SBA, 9200 SBA, 9200i SBA, 9300, 9400, 9900 |

- Suitable for front and rear doors
- Direct replacement for ease of installation
- Mechanically and electrically precise for top-notch, long-lasting performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-5131 | 901-5131 | Door Jam Switch | 1982–2003 | IC, International | |

- Part has undergone a rigorous quality inspection to ensure high quality
- Includes bezel for a complete repair
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  901-5601 | 901-5601 | Ignition Switch | 2005–2010 | Workhorse | Step Van |

- Direct replacement for a proper fit every time
- Plug and play design for an easy installation
- This part has undergone vehicle try-on testing to meet product standards and quality

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  901-5410 | 901-5410 | Power Take Off (PTO) Switch | 2013–2015 | Kenworth | W900 | ISX 11.9, ISX 15.0 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CHROME CUTOUTS



C34


C41


C44


C48



C50


C52

| PN | DESCRIPTION |
|---|---|
| C10L | 3″ × 4″ Left Sitting Female |
| C10R | 3″ × 4″ Right Sitting Female |
| C12L | 4″ × 6″ Left Sitting Female |
| C12R | 4″ × 6″ Right Sitting Female |
| C14L | 6″ × 9″ Left Sitting Female |
| C14R | 6″ × 9″ Right Sitting Female |
| C16L | 11″ × 17″ Left Sitting Female |
| C16R | 11″ × 17″ Right Sitting Female |
| C21L | 22-3/4″ × 6-3/4″ Left Standing Female |
| C21R | 22-3/4″ × 6-3/4″ Right Standing Female |
| C22L | 12″ × 3-1/2″ Left Standing Female |
| C22R | 12″ × 3-1/2″ Right Standing Female |
| C24L | 3-1/4″ × 5″ Stud Mount Left Mudflap Female |
| C24R | 3-1/4″ × 5″ Stud Mount Right Mudflap Female |
| C26L | 5-1/2″ × 9″ Stud Mount Left Mudflap Female |
| C32L | 6-1/2″ × 9″ Left Sitting Male |
| C32R | 6-1/2″ × 9″ Right Sitting Male |
| C34 | 5-1/2″x 20-1/2″ Loaded Script |
| C40 | 6-1/2″ × 12″ Longhorn Skull |
| C41 | 3-1/4″ × 6-5/8″ Longhorn Skull |
| C42 | 18″ × 24-1/2″ Longhorn Skull |
| C44 | 18″ × 24-1/2″ Thunderbird |
| C46 | 3″ × 19″ Lightning Bolt |
| C48 | 1″ × 9-1/2″ Lightning Bolt |
| C50 | 4″ Star |
| C52 | 3″ Star |
| C54 | 2″ Star |
| C56 | 8-7/8″ Texas Star |

## LICENSE FRAMES / HOLDERS & FASTENERS

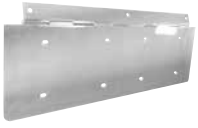

CL110


CL125


CL140


CL165


CL1-4


CLH2

| PN | DESCRIPTION |
|---|---|
| **LICENSE FRAMES** | |
| CL100 | Economy |
| CL105 | Deluxe |
| CL110 | Flying Eagle |
| CL125 | Rope |
| CL135 | Palm Tree |
| CL140 | Cobra |
| CL150 | Standing Female |
| CL165 | Barbed Wire |
| **LICENSE FASTENERS** | |
| CL1 | Fastener w/ Bullet Nuts |
| CL1-4 | Fastener w/ Bullet Nuts — Retail Pack |
| CL2-4 | Nut Set — Display 4 |
| **LICENSE PLATE HOLDERS** | |
| CLH1 | 9″ × 17″ Chrome — Single |
| CLH1S | 9″ × 17″ Stainless — Single |
| CLH2 | 9″ × 30″ Chrome — Double |
| CLH3S | 9″ × 43″ Stainless — Triple |

## HORN GUARDS


CH65

| CHROME PN | STAINLESS STEEL PN | DESCRIPTION |
|---|---|---|
| CH30 | CH30S | 3″–3-1/2″ Round |
| CH45 | CH45S | 3-3/4″– 4-1/2″ Round |
| CH55 | CH55S | 5-1/2″–6″ Round |
| CH55-1 | — | 5-1/2″–6″ Round — Retail Pack |
| CH5X9-1 | — | 4-1/2″–8-1/2″ Round — Retail Pack |
| CH65 | CH65S | 6-1/2″–7″ Round |
| CH65-1 | CH65S-1 | 6-1/2″–7″ Round — Retail Pack |
| CH725 | CH725S | 7-1/4″–7-1/2″ Round |
| CH725-1 | CH725S-1 | 7-1/4″–7-1/2″ Round — Retail Pack |

* These air-horn parts are not made by Grover Products Company and are not affiliated with Grover in any way.

## DEER WHISTLE


DW1

| PN | DESCRIPTION |
|---|---|
| DW1 | Deer Whistle — 2 Per Pack |

# CHROME — LIGHT BARS & BRACKETS

## LIGHT BARS

| | DESCRIPTION | DIMENSIONS | CHROME PN | STAINLESS STEEL PN | STAINLESS STEEL SPRING LOADED PN |
|---|---|---|---|---|---|
|  CLB141 | 1 Piece w/ 4" Round Holes | 6" × 96" × 2 1/4" | CLB141 | CLB141S | — |
| | 1 Piece w/ Rectangular Holes | 6" × 96" × 2 1/4" | CLB146 | — | — |
|  CLB241 | 2 Piece w/ 4" Round Lights | 6" × 30" × 2 1/4" | CLB240 | CLB240S | CLB240SL |
| | 2 Piece w/ 4" Round Holes | 6" × 30" × 2 1/4" | CLB241 | CLB241S | CLB241SL |
|  CLB246 | 2 Piece w/ Rectangular Holes | 6" × 30" × 2 1/4" | CLB246 | — | CLB246SL |
| | 2 Piece w/ Oval Lights | 6" × 30" × 2 1/4" | CLB260 | CLB260S | CLB260SL |
|  CLB261 | 2 Piece w/ Oval Holes | 6" × 30" × 2 1/4" | CLB261 | CLB261S | CLB261SL |

## LIGHT BRACKETS — STAINLESS STEEL

| | LIGHT SHAPE | 1 HOLE PN | 2 HOLE PN | 3 HOLE PN |
|---|---|---|---|---|
|  CLT160 | Round Lights | CLT140 | CLT240 | CLT340 |
| | Rectangular Lights | CLT145 | CLT245 | — |
|  CLT360 | Oval Lights | CLT160 | CLT260 | CLT360 |

## LIGHT BAR MOUNTING BRACKET

| | PN | DESCRIPTION |
|---|---|---|
| | CLB100 | Chrome 1 Piece Mounting Bracket |

## LIGHT GROMMET COVERS w/ SCREWS

| | DESCRIPTION | PLASTIC PN | PLASTIC PK. PN | PLASTIC w/ VISOR PN | PLASTIC w/ VISOR PK. PN | STAINLESS STEEL PN | STAINLESS STEEL PK. PN |
|---|---|---|---|---|---|---|---|
|  CZ30S | 2-1/2" Round | CZ10P | CZ10PS | CZ10PV | CZ10PVS | CZ10S | CZ10S-2 |
| CZ40P  | 2" Round | CZ30P | CZ30PS | CZ30PV | CZ30PVS | CZ30S | CZ30S-2 |
|  CZ40S | 4" Round | CZ40P | — | CZ40PV | CZ40PVS | CZ40S | CZ40S-2 |
| CZ45S  | Rectangular | — | — | — | — | CZ45S | CZ45S-2 |
|  CZ60PV | Oval | CZ60P | CZ60PS | CZ60PV | CZ60PVS | CZ60S | CZ60S-2 |

## REAR LIGHT PANELS — 34" × 11-3/4"

| | DESCRIPTION | CHROME PN | STAINLESS STEEL PN | CHROME w/ LIGHTS PN |
|---|---|---|---|---|
|  CLP40 | 4" Round Lights | CLP40 | CLP40S | CLP40L |
| | Rectangular Lights | CLP45 | CLP45S | — |
| | Oval Lights | CLP60 | — | — |

## LIGHT GUARDS

| | PN | DESCRIPTION |
|---|---|---|
|  CZ12 | CZ12 | Double Bullseye — Chromed Zinc |
| | CZ12-2 | Double Bullseye — Chromed Zinc Retail Pack of 2 |
| | CZ21-2 | Chromed Zinc 21 Series — Retail Pack of 2 |

## MUD FLAP HANGERS & PLATES — 28" ROUND TUBE

| | | DESCRIPTION | CHROME PN | BLACK EPOXY PN | STAINLESS STEEL PN | STAINLESS STEEL w/ CONSPICUITY TAPE PN |
|---|---|---|---|---|---|---|
|  | CM127 | Pair Spring Loaded 28"Round Tube — 1-1/8" Bolt Pattern | CM127 | CM127B | CM127S | CM127SCT |

## MUD FLAP HANGERS & PLATES — 30" HEX TUBE

| | DESCRIPTION | CHROME PN | BLACK EPOXY PN | BLACK EPOXY w/ CONSPICUITY TAPE PN | STAINLESS STEEL PN | CHROME w/ CONSPICUITY TAPE PN |
|---|---|---|---|---|---|---|
|  CM130 | Pair Spring Loaded 30" Hex Tube — 1-1/8" Bolt Pattern | CM130 | CM130B | CM130BCT | CM130S | CM130CT |

| | DESCRIPTION | CHROME PN | BLACK EPOXY PN | BLACK EPOXY w/ CONSPICUITY TAPE PN | STAINLESS STEEL PN | STAINLESS STEEL w/ CONSPICUITY TAPE PN | CHROME w/ CONSPICUITY TAPE PN |
|---|---|---|---|---|---|---|---|
|  OTRCM230 | Pair Spring Loaded 30" Hex Tube 2-1/2" Bolt Pattern | OTRCM230 | CM230B | CM230BCT | CM230S | CM230SCT | CM230CT |
|  CM230B | | | | | | | |
|  CM1 | Pair End Caps for PN CM230 | CM1 | CM1B | — | CM1S | — | — |

## MUD FLAP HANGERS & PLATES — 30" ROUND TUBE

| | DESCRIPTION | CHROME PN | BLACK EPOXY PN | STAINLESS STEEL PN |
|---|---|---|---|---|
|  CM245 | Pair Spring Loaded 45° 30" Round Tube 2-1/2" Bolt Pattern | CM245 | CM245B | CM245S |

## MUD FLAP HANGERS & PLATES — 27" ROUND TUBE

| | DESCRIPTION | CHROME PN | BLACK EPOXY PN | STAINLESS STEEL PN |
|---|---|---|---|---|
|  CM2745 | Pair Spring Loaded 27" Round Tube 1-1/8" Bolt Pattern | CM2745 | CM2745B | CM2745S |
|  CM2 | Pair End Caps for PN CM2745 | CM2 | CM2B | CM2S |

## MUD FLAP HANGERS & PLATES — 30" HEX TUBE

| | DESCRIPTION | CHROME PN | BLACK EPOXY PN | BLACK EPOXY w/ CONSPICUITY TAPE PN | STAINLESS STEEL PN |
|---|---|---|---|---|---|
|  CM3045 | Pair Spring Loaded 45° 30" Hex Tube 1-1/8" Bolt Pattern | CM3045 | CM3045B | CM3045BCT | CM3045S |

## MUD FLAP HANGERS & PLATES — TOP FLAP PLATES — 2" × 24"

| | DESCRIPTION | CHROME PN | CHROME 2-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 2-PACK PN |
|---|---|---|---|---|---|
|  CT224 | Welded Studs | CT224 | CT224-2 | CT224S | CT224S-2 |
|  CT224H | Bolt Thru | CT224H | CT224H-2 | CT224HS | CT224HS-2 |

## MUD FLAP HANGERS & PLATES — BOTTOM FLAP PLATES — 4" × 24"

| | DESCRIPTION | CHROME PN | CHROME 2-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 2-PACK PN |
|---|---|---|---|---|---|
|  CB24 | Welded Studs | CB24 | CB24-2 | CB24S | CB24S-2 |
| | Bolt Thru | CB24H | CB24H-2 | CB24HS | CB24HS-2 |
|  CB24H | Louver | CB24L | — | — | — |
| | Sitting Females Cut Out | CB24NG | — | — | — |
| | Sitting Female Left — Faces Right | CB24PGL | — | — | — |
|  CB24ST | Sitting Female Right — Faces Left | CB24PGR | — | — | — |
| | "Keep On Truckin" Cut-Out | CB24KOT | — | — | — |
|  CB24USA | "Star" Cut-Out | CB24ST | — | — | — |
| | "USA" Cut-Out | CB24USA | — | — | — |

Includes hardware

## MUD FLAP HANGERS & PLATES — OTHER BOTTOM FLAP PLATES & BOLT KIT

| | DESCRIPTION | CHROME PN | STAINLESS STEEL PN |
|---|---|---|---|
|  CB18 | 3" × 12" w/ Welded Studs | —— | CB12S |
| | 3" × 14" w/ Welded Studs | CB14 | —— |
| | 3" × 16" w/ Welded Studs | CB16 | CB16S |
| | 3" × 18" w/ Welded Studs | CB18 | CB18S |
| | 3-Piece Replacement Bolt Kit | CB3C | —— |

## ANTI SAIL BRACKETS

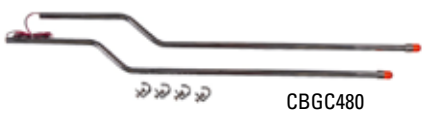
| | PN | DESCRIPTION |
|---|---|---|
|  CAS21X24 | CAS18X18 | Chrome 18″ × 18″ |
| | CAS18X24 | Chrome 18″ × 24″ |
| | CAS21X24 | Chrome 21″ × 24″ |
| | CAS21X24S | Stainless Steel 21″ × 24″ |

## QUARTER FENDERS & ACCESSORIES

- Quarter fenders include top flaps and are packaged per pair.
- Mounting brackets sold separately.

| | PN | DESCRIPTION |
|---|---|---|
|  CQ1S | CQ127S | 24″ × 27″ Triangle Tube Stainless Steel — Pair |
| | CQ27S | 24″ × 27″ Round Tube Stainless Steel — Pair |
| | CQ29S | 24″ × 29″ Round Tube Stainless Steel — Pair |
| | CQ1 | Round Tube Chrome Quarter Fender Plug |
| | CQ1S | Round Tube Stainless Steel Quarter Fender Plug |

## BUMPER GUIDES

| | PN | DESCRIPTION |
|---|---|---|
|  CBGC420 | CBGC | Aluminum C-Clamp — Pair |
| | CBGCS | Stainless C-Clamp — Pair |
| | CBGC420 | 42″ Bumper Guide |
|  CBGC480 | CBG48A | 48″ Bumper Guide |
| | CBGC480 | 48″ Bumper Guide |
| | CBGF484S | 48″ Bumper Guide |
|  CBGL-A | CBGL-A | Bumper Guide Lenses — Pair — Amber |
| | CBGL-B | Bumper Guide Lenses — Pair — Blue |
| | CBGL-G | Bumper Guide Lenses — Pair — Green |
| | CBGB-BRKT1 | Bracket — Pair — for CBGF484 Series |

## FRONT HUBCAPS

- All Power Products Hubcaps are made from heavy gauge steel and 304 stainless steel, designed to withstand all road conditions.

| | DESCRIPTION | WHEEL TYPE | CHROME PN | CHROME 2-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 2-PACK PN |
|---|---|---|---|---|---|---|
|  CF100H | Baby Moon — No Notches | Steel | CF100 | CF100-1 | CF100S | CF100S-1 |
| | Baby Moon w/ Hubodometer Hole — No Notches | Steel | CF100H | CF100H-1 | — | — |
| | Cone — No Notches | Steel | CF100M | CF100M-1 | — | — |
| | Baby Moon — 4 Notches | Steel | CF104 | CF104-1 | CF104S | CF104S-1 |
| | Cone — 4 Notches | Steel | CF104M | CF104M-1 | CF104SM | CF104SM-1 |
|  CF100M | Baby Moon — 3/8" Lip — 5 Notches | Steel | CF105 | CF105-1 | CF105S | CF105S-1 |
| | Cone — 5 Notches | — | CF105M | CF105M-1 | — | — |
| | Baby Moon — 3/4" Uneven Lip — 6 Notches | — | CF200 | CF200-1 | CF200S | CF200S-1 |
|  CF104 | Baby Moon w/ Hubodometer Hole — 3/4" Uneven Lip — 6 Notches | — | — | — | CF200SH | — |
| | Baby Moon — 3/4" Uneven Lip & Extended Height — 6 Notches | — | CF250 | CF250-1 | CF250S | — |
| | Baby Moon w/ Hubodometer Hole — 3/4" Uneven Lip & Extended Height — 6 Notches | — | CF250H | — | — | — |
|  CF450 | Baby Moon — 3/4" Lip — No Notches | — | CF300 | CF300-1 | — | CF300S-1 |
| | Baby Moon — 5/8" Lip & Extended Height — 6 Notches | Steel | CF400 | CF400-1 | CF400S | CF400S-1 |
| | Baby Moon — 3/8" Lip — 6 Notches | Steel | CF450 | CF450-1 | — | CF450S-1 |
| | Baby Moon w/ Hubodometer Hole — 3/8" Lip — 6 Notches | — | CF450H | CF450H-1 | — | — |
| | Cone — 3/8" Lip — 6 Notches | — | CF450M | CF450M-1 | CF450SM | CF450SM-1 |
| | Baby Moon — 3/8" Uneven Lip & Extended Height — 6 Notches | — | CF500 | CF500-1 | — | — |

## REAR HUBCAPS

- All Power Products Hubcaps are made from heavy gauge steel and 304 stainless steel, designed to withstand all road conditions.

| | DESCRIPTION | STUDS | CHROME PN | CHROME 2-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 2-PACK PN |
|---|---|---|---|---|---|---|
| | Mack — 44K Axle CH Model — Cone | — | — | CR44M-1 | CR44MS | CR44MS-1 |
|  CR600 | 7-1/4" Axle — Baby Moon | 12 ea 1/2" Studs or 8 ea 9/16" Studs | CR500 | CR500-1 | — | — |
| | 7-1/4" Axle —Baby Moon w/ Hubometer Hole | 12 ea 1/2" Studs or 8 ea 9/16" Studs | CR500H | — | — | — |
| | 7-1/4" Axle —Cone | 12 ea 1/2" Studs or 8 ea 9/16" Studs | CR500M | CR500M-1 | — | — |
| | 8-1/4" Axle —Baby Moon | 8 ea 5/8" Studs | CR600 | CR600-1 | CR600S | CR600S-1 |
|  CR600H | 8-1/4" Axle —Baby Moon w/ Hubometer Hole | 8 ea 5/8" Studs | CR600H | CR600H-1 | CR600SH | CR600SH-1 |
| | 8-1/4" Axle —Cone | 8 ea 5/8" Studs | CR600M | — | CR600SM | CR600SM-1 |
| | 8-1/2" Axle —Baby Moon | 8 ea 3/4" Studs | CR700 | CR700-1 | CR700S | CR700S-1 |
| | 8-1/2" Axle —Baby Moon w/ Hubodometer Hole | 8 ea 3/4" Studs | CR700H | CR700H-1 | — | — |
|  CR600M | 8-1/2" Axle —Cone | 8 ea 3/4" Studs | CR700M | CR700M-1 | CR700SM | CR700SM-1 |
| | 8-1/8" Axle —Baby Moon | 8 ea 3/4" Studs | CR800 | CR800-1 | — | — |
| | 9-1/4" Axle —Baby Moon — Light Trailer | — | CR900 | CR900-1 | CR900S | — |
| | Rear Light Trailer Hubcap Clips — 3 Pack | — | CR900-3 | — | — | — |
| | 8-1/2" Axle —Baby Moon — Gold | 8 ea 5/8" Studs | CR600G | — | — | — |

## WHEEL SIMULATORS

| | PN | DESCRIPTION |
|---|---|---|
|  WS225X75R-2 | WS16EZ-8 | 8HH — Overlug — 8 Holes on 6.5 Bolt Circle Universal 16" × 6" — Front/Rear Set |
| | WS16S | 16" Universal Fit — Snap On Style Front/Rear Set |
| | WS225X75R-2 | 2HH — 10 Lug — 2 Piece Axle Cover 22.5" × 7.5" — Rear Set |

## FRONT WHEEL & AXLE COVERS & CAPS

- For 20"– 22.5" and 24.5" wheels

| | DESCRIPTION | CHROME PN | STAINLESS STEEL PN |
|---|---|---|---|
| | **FRONT WHEEL COVERS** | | |
|  CWF245-2 | 22-1/2" — 10 Lug Holes | CWF225 | CWF225S |
| | 22-1/2" — 10 Lug Holes — 2 Hand Holes | CWF225-2 | — |
| | 24-1/2" — 10 Lug Holes | — | CWF245 |
| | 24-1/2" — 10 Lug Holes — 2 Hand Holes | — | CWF245-2 |
| | **FRONT AXLE COVERS** | | |
|  CAF210 | 2 Piece for Stud Piloted Steel Wheels | CAF210 | — |
| | 2 Piece for 10-Lug Hub Piloted | CAF210U | — |
|  CAF210U | 3 Piece for Stud Piloted Steel Wheels | CAF310 | — |
| | Front Axle Cover Set | CPF4 | — |
| | Plastic Rim Protector | — | CD10 |

## REAR AXLE COVER — UNITIZED

| | PN | DESCRIPTION |
|---|---|---|
| | CAR12HS | Unitized Steel Wheels w/ Hubodometer Hole — 2 Piece |

## REPLACEMENT CAPS — UNITIZED

- For 20"– 22.5" and 24.5" wheels

| | PN | DESCRIPTION |
|---|---|---|
|  CAR1CH | CAR1C | Replacement Cap — Stainless Steel |
| | CAR1CH | Replacement Hubodometer Cap |

## 5TH WHEEL PULLER/WHEEL SPINNERS

| | PN | DESCRIPTION |
|---|---|---|
|  CX50 | CX30 | 30″ Chrome 5th Wheel Pin Puller |
| | CX50 | Aluminum Steering Wheel Spinner |
| | CX50-1 | Aluminum Steering Wheel Spinner — Retail Pack |

## REAR WHEEL & AXLE COVERS & CAPS

| | DESCRIPTION | HOLES | WHEEL TYPE | CHROME PN | STAINLESS STEEL PN |
|---|---|---|---|---|---|
|  CAR210 | Top Hat 2 Piece Stud Piloted — 1-1/2″ Studs | 10 | Aluminum | CAR20A | — |
| | Top Hat 2 Piece Stud Piloted — 1-1/2″ Studs | 10 | Steel | CAR20S | — |
| | Top Hat 2 Piece Hub Piloted — 33 mm Studs | 10 | Steel or Aluminum | CAR210 | — |
| | Top Hat 2 Piece 19-1/2″ Stud Piloted — 30-32 mm Studs | 8 | Steel or Aluminum | CAR219 | — |
|  CAR30S | Top Hat 3 Piece Stud Piloted — 1-1/2″ Studs w/ Removable Cap & Beauty Ring | 10 | Aluminum | CAR30A | — |
| | Top Hat 3 Piece Stud Piloted — 1-1/2″ Studs w/ Removable Cap & Beauty Ring | 10 | Steel | CAR30S | — |
| | Top Hat 2 Piece w/ Hubometer Hole Stud Piloted — 1-1/2″ Studs | 10 | Steel | CAR30SH | — |
| | Top Hat 3 Piece Hub Piloted — 33 mm Studs w/ Removable Cap & Beauty Ring | 10 | Steel or Aluminum | CAR310 | CAR310S |
| | Top Hat 3 Piece 19-1/2″ Hub Piloted — 33 mm Studs w/ Removable Cap & Beauty Ring | 8 | Steel or Aluminum | CAR319 | — |

## BEAUTY RINGS

| | PN | DESCRIPTION |
|---|---|---|
|  CAB10SS | CAB1033 | Chrome 10-Lug 33 mm Unimount |
| | CAB10A | Chrome — Aluminum Wheels |
| | CAB10SS | Stainless Steel for Steel Wheels |

## LUG NUT COVERS

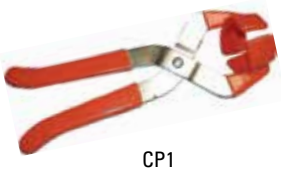
- For 20"– 22.5" and 24.5" wheels

| | DESCRIPTION | CHROME PN | CHROME 10-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 10-PACK PN |
|---|---|---|---|---|---|
|  CN12 | 7/16" | CN7 | CN7-10 | — | — |
| | 9/16" | CN9 | — | — | — |
| | 11/16" | CN11 | CN11-10 | — | — |
|  CN12F | 3/4" | CN12 | — | — | — |
| | 3/4" w/ Flange | CN12F | CN12F-10 | — | — |
|  CN15F | 7/8" | CN14 | CN14-10 | — | — |
| | 1" | CN16 | CN16-10 | — | — |
| | 1-1/16" | CN1116 | CN1116-10 | — | — |
|  CN15 | 1-1/8" | CN118 | CN118-10 | — | — |
| | 1-1/4" | CN114 | CN114-10 | — | CN114S-10 |
| | 1-1/4" w/ Flange | CN114F | — | — | — |
|  CN20B | 1-5/16" | CN1516 | CN1516-10 | — | — |
| | 1-5/16" | CN156 | — | — | — |
|  CN20F | 1-1/2" | CN15 | CN15-10 | CN15S | CN15S-10 |
| | 1-1/2" w/ Flange | CN15F | CN15F-10 | — | CN15FS-10 |
| | 1-1/2" Bullet | CN20 | CN20-10 | CN20S | CN20S-10 |
|  CN15-10 | 1-1/2" Bullet w/ Blue Reflector | CN20B | CN20B-10 | — | — |
| | 1-1/2" Bullet w/ Flange | CN20F | CN20F-10 | — | CN20FS-10 |

## LUG NUT COVERS

| | DESCRIPTION | CHROME PN | CHROME 10-PACK PN | STAINLESS STEEL PN | STAINLESS STEEL 10-PACK PN |
|---|---|---|---|---|---|
|  CN20FP | 1-1/2" Bullet w/ Flange — Plastic | CN20FP | CN20FP-10 | — | — |
| | 1-1/2" Bullet — Gold | — | CN20G-10 | — | — |
| | 1-1/2" Bullet — Plastic | CN20P | CN20P-10 | — | — |
|  CN20R | 1-1/2" Bullet w/ Red Reflector | CN20R | CN20R-10 | — | — |
| | 1-1/2" Bullet — Pointed | CN20X | — | — | — |
| | 1-1/2" Bullet w/ Yellow Reflector | CN20Y | CN20Y-10 | — | — |
|  CN20Y | 30 mm w/ Flange | CN30F | CN30F-10 | — | — |
| | 32 mm w/ Flange | CN32F | CN32F-10 | — | CN32FS-10 |
| | 33 mm w/ Flange | CN33F | CN33F-10 | CN33FS | CN33FS-10 |
| | 33 mm w/ Flange — Blue Reflector | CN33FB | CN33FB-10 | — | — |
|  CN33FP | 33 mm w/ Flange — Plastic | CN33FP | CN33FP-10 | — | — |
| | 33 mm w/ Flange — Purple Reflector | — | — | — | CN33FPU -10 |
| | 33 mm w/ Flange — Red Reflector | CN33FR | CN33FR-10 | — | — |
| | 33 mm w/ Flange — Tower | CN33FT | — | — | — |
|  CN33FPU | 33 mm w/ Flange — Yellow Reflector | — | CN33FY-10 | — | — |
| | 33 mm w/ Flange — Blue Reflector — Threaded | — | CN33PFLB-10 | — | — |
|  CN41F | 33 mm w/ Flange — Red Reflector — Threaded | — | CN33PFLR-10 | — | — |
| | 33 mm w/ Flange — Yellow Reflector — Threaded | — | CN33PFLY-10 | — | — |
|  CN33F-10 | 38 mm | — | — | CN38S | — |
| | 41 mm | — | CN41F-10 | — | — |

## LUG NUT COVER PULLERS

| | PN | DESCRIPTION |
|---|---|---|
|  CP1 | CP1 | 1-1/2" Lug Nut Cover Puller |
| | CP1-1 | 1-1/2" Lug Nut Cover Puller — Retail Pack |
|  CP2 | CP2 | 7/8"v to 1-1/2" Adjustable Lug Nut Cover Puller |

# 14 Body

## GRILLES

### RADIATOR GRILLES†

- Direct replacement for a proper fit every time
- Includes all hardware for a complete repair (where applicable)
- No special tools required

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  242-5107 | 242-5107 | 1990–2018 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 8500, 8500 SBA, RXT | |
| | 242-5108 | 2003–2018 | Freightliner | M2, M2 106, M2 112 | |
|  242-5202 | 242-5201 | 2008–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 | |
| | 242-5202 | 2000–2017 | Freightliner | Columbia, Columbia 112, Columbia 120 | 112 SubModel, 120 SubModel |
| | 242-5208 | 2003–2018 | Freightliner, Thomas | M2, M2 106, M2 112, SAF-T-LINER C2 | |
|  242-5502 | 242-5501A | 2004–2018 | Volvo | VNL, VNM | |
| | 242-5502 | 1999–2015 | Mack | CHU, CXN, CXP, CXU, Pinnacle, Vision | |
| | 242-5513 | 1996–2003 | Volvo | VN, VNL, VNM | |
|  FR030P | FR030P | | Freightliner | Cascadia | |
| | FR002P | | Freightliner | Columbia | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BUMPERS / BUMPER COVERS†

- Application-specific for a proper fit every time
- Easy to install, no special tools required for installation
- This part has undergone vehicle try-on testing to meet product standards and quality

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  242-5262 | 242-5262 | Bumper | 2004–2011 | Freightliner | Century Class |
| | 242-5263 | Bumper | 2004–2011 | Freightliner | Century Class |
| | 242-5287 | Bumper | 2006–2006 | Freightliner | Business Class M2, M2 106, M2 112 |
|  242-5264 | 242-5264 | Bumper Cover | 2001–2017 | Freightliner | Columbia |
| | 242-5268 | Bumper Cover | 2008–2017 | Freightliner | Cascadia |
| | 242-5269 | Bumper Cover | 2008–2017 | Freightliner | Cascadia |
| | 242-5270 | Bumper Cover | 2008–2017 | Freightliner | Cascadia |
| | 242-5271 | Bumper Cover | 2008–2017 | Freightliner | Cascadia |
| | 242-5278 | Bumper Cover | 2008–2017 | Freightliner | Cascadia, Cascadia 125 |
| | 242-5279 | Bumper Cover | 2008–2017 | Freightliner | Cascadia, Cascadia 125 |
| | 242-5550 | Bumper Cover | 2004–2017 | Volvo | VNL |
| | 242-5551 | Bumper Cover | 2004–2017 | Volvo | VNL |
| | 242-5552 | Bumper Cover | 2004–2018 | Volvo | VN, VNL |

## BUMPER COVER REINFORCEMENTS†

- Application-specific for a proper fit every time
- Replacement restores a cracked or missing bumper end
- Save time and money by replacing the damaged bumper end, instead of the entire bumper assembly

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  242-5272 | 242-5272 | Bumper Cover Reinforcement | 2008–2016 | Freightliner | Cascadia |
| | 242-5273 | Bumper Cover Reinforcement | 2008–2016 | Freightliner | Cascadia |
| | 242-5274 | Bumper Cover Reinforcement | 2008–2017 | Freightliner | Cascadia |
| | 242-5275 | Bumper Cover Reinforcement | 2008–2017 | Freightliner | Cascadia |
| | 242-5284 | Bumper Cover Reinforcement | 2008–2009 | Freightliner | Cascadia |

## BUMPER SUPPORT BRACKETS†

- Direct replacement for a proper fit every time
- Easy to install, no special tools required during installation
- Bracket is powder-coated for extra protection against corrosion

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  242-5230 | 242-5230 | Fender Support Bracket | 2001–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 242-5231 | Fender Support Bracket | 2001–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BUMPER ENDS†

- Direct replacement for a proper fit every time
- Easy to install, no special tools required for installation
- Save time and money by replacing the damaged bumper end, instead of the entire bumper assembly


242-5288

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 242-5288 | Bumper End | 2009–2013 | Freightliner | M2 112 |
| 242-5289 | Bumper End | 2009–2013 | Freightliner | M2 112 |
| 242-5554 | Bumper End | 2004–2014 | Volvo | VNL |
| 242-5555 | Bumper End | 2004–2014 | Volvo | VNL |
| 242-5556 | Bumper End | 2004–2014 | Volvo | VNL |
| 242-5557 | Bumper End | 2004–2014 | Volvo | VNL |

## BUMPER END CAPS†

- Comes with mounting hardware for a trouble-free replacement
- Easy to install
- Available for front and rear, left and right side bumpers on a wide range of applications


242-5110

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 242-5110 | Bumper End Cap | 2007–2016 | International | ProStar |
| 242-5111 | Bumper End Cap | 2007–2016 | International | ProStar |
| 242-5203 | Bumper End Cap | 2001–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 242-5254 | Bumper End Cap | 2001–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 242-5255 | Bumper End Cap | 2001–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 242-5258 | Bumper End Cap | 2005–2007 | Freightliner | Century Class |
| 242-5259 | Bumper End Cap | 2005–2007 | Freightliner | Century Class |

## BUMPER EXTENSION & TRIMS†

- Direct replacement for a proper fit every time
- Designed to match the aesthetics of the original
- Easy to install


242-5204


242-5205

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 242-5204 | Bumper Extension | 2000–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 242-5205 | Bumper Trim | 2008–2015 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| 242-5276 | Bumper Trim | 2008–2013 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HOOD HINGE SPRINGS†

- Color-coded to match the original for easy identification
- Easy to install
- Supports hood when it is open, prevents it from opening too much, and helps return it to original position when closing

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  938-5101 | 938-5101CD | 1989–2001 | IC, International | 3000, 3600, 3700, 3800, 3800 CE, 3900FC, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, S1654, S1654LP, S1753, S1754, S1800, S1853, S1853FC, S1854, S1954, S1955, S2155, S2554 |
| | 938-5102CD | 1986–2011 | International | 2554, 2574, 2654, 8000, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, 9600, 9700, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 938-5103CD | 1997–2009 | International | 9200, 9200 SBA, 9200i SBA, 9400 |
|  938-5201 | 938-5201CD | 1990–2010 | Freightliner | FLD 120, FLD 132, FLD120, FLD120 SD, FLD120SD, FLD132 |
| | 938-5401CD | 2003–2010 | Kenworth | W900 |
| | 938-5402CD | 1998–2010 | Kenworth | T2000, T300, T600A, T800, W900 |
| | 938-5403CD | 2003–2006 | Kenworth | C500, T800, W900 |
|  938-5406 | 938-5404CD | 2003–2006 | Kenworth | C500, W900 |
| | 938-5405CD | 2003–2010 | Kenworth | W900 |
| | 938-5406CD | 1987–2006 | Peterbilt | 357, 377, 379 |
| | 938-5407CD | 1987–2006 | Peterbilt | 357, 377, 378, 379 |
| | 938-5408CD | 2003–2006 | Kenworth | T600A, T800, W900 |
| | 938-5501CD | 1999–2007 | Mack | CXN, Vision |
| | 938-5502CD | 1999–2003 | Mack | CH |

## HOOD LATCH ASSEMBLIES†

- Brackets included (where applicable)
- Rust-resistant
- Hardened plastic housing enhances durability

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  315-5101 | 315-5101CD | 1980–2011 | International | 1452SC, 1552SC, 1652SC, 1652UPS, 1700, 1700 Loadstar, 1703, 1723, 1724, 1750, 1753, 1754, 1823, 1824, 1850B, 1853, 1854, 4600, 4600LP, 4600UH, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8000, 8500 TranStar, 8600 TranStar, M1400 Metro II, M1600 Metro II, S16 |
| | 315-5201CD | 2003–2008 | Freightliner | Classic |
| | 315-5202CD | 2003–2008 | Freightliner | Columbia |
| | 315-5203CD | 2003–2008 | Freightliner | Columbia |
| | 315-5204CD | 2003–2009 | Freightliner | Classic |
| | 315-5205CD | 2003–2008 | Freightliner | Classic |
|  315-5201 | 315-5206 | 1994–2005 | Freightliner | FL106, FL112, FL50, FL60, FL70, FL80 |
| | 315-5207 | 1996–2004 | Freightliner | Century Class |
| | 315-5401CD | 1987–2010 | Kenworth | T300, T600A, T800, W900 |
| | 315-5402CD | 1985–2005 | Kenworth | T600A, T800, W900 |
| | 315-5501CD | 1991–1997 | Volvo | WC, WG, WI |
| | 315-5502CD | 2001–2015 | Blue Bird, Mack | CH, Vision, Vision School Bus |
| | 315-5503CD | 2002–2015 | Blue Bird, Mack | CH, Vision, Vision School Bus |
| | 315-5507CD | 2005–2016 | Volvo | VN, VNL, VT |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# HOOD PARTS

## HOOD PINS†

- No special tools necessary
- Direct replacement for a proper fit every time
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5522 | 924-5522 | Hood Locator Pin | 2003–2019 | Kenworth | T2000, T600, T600A, T800, W900 |
| | 924-5410CD | Hood Pin | 2003–2010 | Kenworth | T2000, T600A, T800, W900 |

## HOOD RESTRAINT CABLES†

- Constructed from high-quality materials for long-lasting durability
- Easy-to-install
- Vehicle try-on testing conducted on this part ensures trouble-free performance

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5206 | 924-5206CD | Hood Cable | 1989–2007 | Freightliner, Thomas | Classic, FLC 112, FLD120, FLD120 SD, SAF-T-LINER FS-65 |
| | 924-5207CD | Hood Cable | 1989–2007 | Freightliner, Thomas | Classic, FLC 112, FLD120, FLD120 SD, SAF-T-LINER FS-65 |
|  924-5501 | 924-5402CD | Hood Cable | 1987–2010 | Peterbilt | 357, 375, 377, 378, 379 |
| | 924-5501CD | Hood Cable | 1990–1995 | Mack | CH |
| | 924-5502CD | Hood Cable | 1991–2008 | Mack | CV, DM, RD |
|  924-5503 | 924-5521 | Hood Cable | 1996–2007 | Mack | CX |
| | 924-5503 | Hood Release Cable | 2004–2018 | Volvo | VN, VNL, VNM |
| | 924-5240CD | Hood Strap | 2001–2017 | Freightliner | Columbia, Columbia 112, Columbia 120 |

## HOOD STOP BUFFERS†

- Direct replacement for a proper fit every time
- Easy to install
- No special tools necessary for installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
| 924-5202  | 924-5202 | Hood Stop Buffer | 2003–2009 | Freightliner | Columbia |
| | 924-5203 | Hood Stop Buffer | 2003–2009 | Freightliner | Columbia |
| | 924-5222 | Hood Stop Buffer | 1996–2011 | Freightliner | Century Class |
| | 924-5223 | Hood Stop Buffer | 1996–2011 | Freightliner | Century Class |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EXTERIOR DOOR HANDLES†

- Includes spring and clips (where applicable)
- Smooth or textured surface available
- Available for front and rear driver and passenger sides

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  760-5101 | 760-5101 | 1997–2006 | International | 2000, 3000, 3000RE, 3200, 3300, 4700, 4700LP, 4700LPX, 4800, 4900 |
| | 760-5107 | 2003–2014 | International | 4100, 4200, 4200LP, 4400, 4400LP, 7300, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8600, 8600 SBA, CXT, MXT, ProStar, RXT |
| | 760-5108 | 2003–2014 | International | 4100, 4200, 4200LP, 4400, 4400LP, 7300, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8600, 8600 SBA, CXT, MXT, ProStar, RXT |
| | 760-5110 | 1986–2015 | International | 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100 SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9800, 9800 SBA, 9800 SFA, 9900, 9900 SFA, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | 760-5201 | 2003–2010 | Freightliner | Columbia |
|  760-5201 | 760-5202 | 2003–2010 | Freightliner | Columbia |
| | 760-5203 | 2003–2005 | Freightliner | Condor |
| | 760-5204 | 2003–2005 | Freightliner | Condor |
| | 760-5205 | 1991–2009 | Freightliner | Classic, FLD120, FLD120 SD |
| | 760-5206 | 1991–2009 | Freightliner | Classic, FLD120, FLD120 SD |
| | 760-5209 | 1991–2005 | Freightliner | FL 106, FL106, FL112, FL50, FL60, FL70, FL80, FLC 112 |
| | 760-5210 | 1991–2005 | Freightliner | FL 106, FL106, FL112, FL50, FL60, FL70, FL80, FLC 112 |
| | 760-5211 | 1987–2005 | Mack | CH, CL, MR, Vision |
| | 760-5212 | 1987–2005 | Mack | CH, CL, MR, Vision |
| | 760-5213 | 1987–2010 | Sterling, Sterling Truck | 360, 825, 827, A9500, A9513, AT9500, AT9513, AT9522, Bullet 45, Bullet 55, Condor, Fire Truck, L7501, L8500, L8501, L9500, LT7500, LT7501, LT8500, LT8501, LT8511, LT9500, LT9501, M5500, M6500, M7500, M8500, SC7000 Cargo, SC8000 Cargo, ST9500 |
|  760-5214 | 760-5214 | 1987–2010 | Sterling, Sterling Truck | 360, 825, 827, A9500, A9513, AT9500, AT9513, AT9522, Bullet 45, Bullet 55, Condor, Fire Truck, L7501, L8500, L8501, L9500, LT7500, LT7501, LT8500, LT8501, LT8511, LT9500, LT9501, M5500, M6500, M7500, M8500, SC7000 Cargo, SC8000 Cargo, ST9500 |
| | 760-5215 | 2000–2009 | Sterling, Sterling Truck | Acterra, Acterra 5500, Acterra 6500, Acterra 7500, Acterra 8500 |
| | 760-5216 | 2000–2009 | Sterling, Sterling Truck | Acterra, Acterra 5500, Acterra 6500, Acterra 7500, Acterra 8500 |
| | 760-5401 | 1983–2005 | Peterbilt | 330, 357, 362, 375, 377, 378, 379 |
| | 760-5402 | 1983–2005 | Peterbilt | 330, 357, 362, 375, 377, 378, 379 |
| | 760-5403 | 2006–2016 | Kenworth, Peterbilt | 325, 330, 357, 386, 389, T270, T300, T370, T600, T600A, W900 |
| | 760-5404 | 1995–2002 | Kenworth | T300, T800 |
| | 760-5405 | 1995–2002 | Kenworth | T300, T800 |
| | 760-5408 | 2006–2016 | Kenworth, Peterbilt | 325, 330, 357, 386, 389, T270, T300, T370, T600, T600A, W900 |
| | 760-5409 | 2004–2015 | Kenworth | T600A, T800, W900 |
| | 760-5410 | 2004–2015 | Kenworth | T600A, T660, T800, W900 |
| | 760-5411 | 1981–2006 | Kenworth | T600, T600A, T800, W900 |
| | 760-5412 | 1981–2006 | Kenworth | T600, T600A, T800, W900 |
| | 760-5421 | 1975–2005 | Peterbilt | 330, 349, 353, 357, 359, 362, 377, 378, 379 |
| | 760-5422 | 1975–2005 | Peterbilt | 330, 349, 353, 357, 359, 362, 377, 378, 379 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## EXTERIOR DOOR HANDLES†, continued

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  760-5425 | 760-5425 | 1987–2005 | Peterbilt | 200, 200-33, 330, 357, 362, 375, 377, 378, 379 |
| | 760-5426 | 1987–2005 | Peterbilt | 200, 200-33, 330, 357, 362, 375, 377, 378, 379 |
| | 760-5501 | 1997–2007 | Mack | LE |
| | 760-5502 | 1990–2005 | Mack | CF, CH, CHN, CL, CL700, CM, CT, CV, CX, CXN |
| | 760-5509 | 1989–2004 | Volvo | WAH, WC, WG, WH, WI, WX |
| | 760-5510 | 1989–2004 | Volvo | WAH, WC, WG, WH, WI, WX |
| | 760-5513 | 1981–2016 | Mack | MR, MRU |
| | 760-5516 | 1990–2005 | Mack | CF, CH, CHN, CL, CL700, CM, CT, CV, CX, CXN |
|  760-5510 | 760-5523 | 2000–2015 | Mack | CX, CXN, CXP, CXU |
| | 760-5605 | 2003–2009 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, HTR, HVR, HXR, Kodiak C8500, Topkick C8500 |
| | 760-5606 | 2003–2009 | Chevrolet, GMC, Isuzu | C4500 Kodiak, C4500 Topkick, C5500 Kodiak, C5500 Topkick, C6500 Kodiak, C6500 Topkick, C7500 Kodiak, C7500 Topkick, C8500, C8500 Kodiak, C8500 Topkick, HTR, HVR, HXR, Kodiak C8500, Topkick C8500 |
| | 760-5607 | 2007–2017 | Chevrolet, GMC, Isuzu | LCF 3500, LCF 3500HD, LCF 4500, LCF 4500HD, LCF 4500XD, LCF 5500HD, LCF 5500XD, NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
|  760-5105 | 760-5608 | 2007–2017 | Chevrolet, GMC, Isuzu | LCF 3500, LCF 3500HD, LCF 4500, LCF 4500HD, LCF 4500XD, LCF 5500HD, LCF 5500XD, NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
| | 760-5750 | 2009–2014 | Hino | 238, 258ALP, 258LP, 268, 268A, 338 |
| | 761-5507 | 1981–2007 | Mack | DM, DMC, DMM, R, RB, RD, RD800, RW, RWL, RWS |
| | 760-5105 | 2007–2014 | International | ProStar |
| | 760-5106 | 2007–2014 | International | ProStar |
| | 760-5207 | 2008–2011 | Freightliner | Cascadia, M2, M2 106, M2 112 |
|  760-5601 | 760-5208 | 2008–2011 | Freightliner | Cascadia, M2, M2 106, M2 112 |
| | 760-5601 | 1995–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
| | 760-5602 | 1995–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
| | 760-5603 | 1990–2002 | Chevrolet, GMC | C3500HD, C4500 Kodiak, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick |
| | 760-5604 | 1990–2002 | Chevrolet, GMC | C3500HD, C4500 Kodiak, C5000 Topkick, C5500 Kodiak, C60 Kodiak, C6000 Topkick, C6500 Kodiak, C6500 Topkick, C70 Kodiak, C7000 Topkick, C7500 Kodiak, C7500 Topkick |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOOR PARTS†

- Coated for high-corrosion resistance
- Easy to install
- Resistant to harsh weather conditions, including water intrusion

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5103 | 924-5103CD | Cab Door Hinge | 2002–2016 | International | 4700LPX, 8000, 8500 TranStar, 8600 TranStar, CXT, MXT, ProStar, RXT, TerraStar |
| | 924-5603 | Cab Door Hinge | 1995–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |
| 924-5603  | 924-5603CD | Cab Door Hinge | 1995–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster |

- Application-specific for a proper fit every time
- Includes replacement door hinge for a complete repair
- Constructed of carbon, steel and plastic for long-lasting durability

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  242-5504 | 242-5504 | Driver Door Shell & Hinge | 1981–2013 | Mack | MR, MRU |

- 100% new, not remanufactured
- Plug-and-play for easy, economical installation — no programming required
- Quality tested to ensure complete restoration of the interior functions

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  599-5405 | 599-5405 | Door Control Module | 2006–2018 | Kenworth | T300, T600, T600A, T660, T800 |

- Direct replacement for a proper fit every time
- No special tools required
- Manufactured to strict engineering quality standards

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5215 | 924-5215 | Door Check | 2008–2012 | Freightliner | M2 106, M2 112 |

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## DOOR PARTS†, continued

- Steel design features protective plating to prevent rust from forming
- Direct replacement for a proper fit
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5401 | 924-5401CD | Door Check Strap | 1987–2005 | Peterbilt | 357, 377, 378, 379 |

- Direct replacement for a proper fit every time
- Save time, money and labor by replacement the failed original cable end, instead of the entire door handle assembly
- Durable aluminum construction and molded ends resist breakage

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5514 | 924-5514 | Door Latch Cable | 2005–2010 | Volvo | VNL |

## DOOR SEALS†

- Direct replacement helps to prevent water damage to vehicle
- Easy to install
- Complete kit, includes necessary components for a complete repair (where applicable)

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  750-5102 | 750-5102 | 1990–2014 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7700, 8500, 8500 SBA, 8600, 8600 SBA, CXT, LoneStar, MXT, ProStar, RXT, TerraStar, WorkStar 7600 |
| | 750-5103 | 1990–2014 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7700, 8500, 8500 SBA, 8600, CXT, LoneStar, MXT, ProStar, RXT, TerraStar, WorkStar 7600 |
| | 750-5104 | 1990–2014 | International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7700, 8500, 8500 SBA, 8600, 8600 SBA, CXT, LoneStar, MXT, ProStar, RXT, TerraStar, WorkStar 7600 |
| | 750-5203 | 2002–2015 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 750-5206 | 2002–2015 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 750-5207 | 2004–2015 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 750-5208 | 2002–2015 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 750-5209 | 2012–2016 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 750-5211 | 2008–2011 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 750-5213 | 2003–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 750-5214 | 2013–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 750-5215 | 2013–2015 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 750-5506 | 1996–2015 | Volvo | VN, VNL, VNM |
| | 750-5507 | 1998–2015 | Volvo | VN, VNL, VNM |
| | 750-5508 | 1996–2015 | Volvo | VN, VNL |
| | 750-5509 | 1998–2015 | Volvo | VN, VNL, VNM |

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## FAIRING HANDLES†

- Direct replacement for a proper fit every time
- Constructed of sturdy steel or plastic for years of use
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  761-5513 | 761-5513 | Truck Fairing Latch | 1996–2015 | Volvo | VN, VNL |
| | 761-5514 | Truck Fairing Latch | 1996–2015 | Volvo | VN, VNL |

## FOG LIGHT ASSEMBLIES†

- DOT compliant to ensure quality standards for safety
- Durable against the elements and against poor road conditions
- Replacement of worn or damaged fog light restores aesthetic appearance

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  888-5207 | 888-5207 | 2008–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 888-5208 | 2008–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| | 888-5414CD | 2008–2019 | Kenworth, Peterbilt | 579, 587, T660 |
| | 888-5509 | 2004–2015 | Volvo | VN, VNL |
| | 888-5510 | 2004–2015 | Volvo | VN, VNL |
|  888-5208 | 888-5511 | 2006–2009 | Volvo | VNL |
| | 888-5512 | 2006–2009 | Volvo | VNL |
| | 924-5201 | 2001–2010 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 924-5201CD | 2001–2010 | Freightliner | Columbia, Columbia 112, Columbia 120 |

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## HEADLIGHT ACCESSORIES†

- Replacement helps restore headlights to proper alignment
- A broad selection of assortments, sizes and styles available
- Direct replacement for a proper fit every time

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  924-5104 | 924-5104CD | Headlight Adjusting Screw | 1984–2009 | IC, International | 3800 CE, 9400, ProStar, S1723, S1724, S1753, S1754, S1800, S2100, S2155, S2276 |

- Direct replacement for a proper fit every time
- No special tools required for installation
- Easy to install

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  645-1001 | 645-1001 | Multi Purpose Electrical Pigtail | 1996–2003 | Ford | E-450 Econoline Super Duty, E-450 Super Duty, E-550 Econoline Super Duty, E-550 Super Duty, Econoline Super Duty, F Super Duty, F-450 Super Duty, F-550 Super Duty | V8 445CID 7.3L |

- Direct replacement ensures proper fit and function every time
- No special programming or tools required during installation
- An immediate, "must-fix" item — replacement is necessary for passing state inspections and helps to avoid ticket and fines

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  601-6000 | 601-6000 | High Intensity Discharge Lighting Ballast | 2008–2015 | Kenworth | T660 |
| | 601-6001 | High Intensity Discharge Lighting Ballast | 2013–2017 | Kenworth | T680 |

## CHROME HEADLIGHTS†

- Direct replacement for a proper fit every time
- Plug and play, no programing necessary
- Durable plastic protects against weather and road conditions

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  888-5525 | 888-5525 | Chrome Headlight RH | 2004–2018 | Volvo | VN, VNL, VNM |
| | 888-5526 | Chrome Headlight LH | 2004–2018 | Volvo | VN, VNL, VNM |

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## HEADLIGHT ASSEMBLIES†

- Direct replacement for a proper fit every time
- Plug and play, no programing necessary
- Durable plastic protects against weather and road conditions


888-5101


888-5105


888-5205

| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| 888-5101 | 2001–2018 | International | 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, CXT, WorkStar 7600 |
| 888-5102 | 2001–2018 | International | 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, WorkStar 7600 |
| 888-5103 | 1996–2017 | International | 5900, 5900i, 5900i SBA, 9200, 9200i SBA, 9400, 9400i SBA |
| 888-5104 | 1996–2017 | International | 5900, 5900i, 5900i SBA, 9200, 9200i SBA, 9400, 9400i SBA |
| 888-5105 | 2002–2017 | IC, IC Corporation, International | 4100, 4100 SBA, 4200, 4300, 4300LP, 4400, 4400LP, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CE Commercial, CE Integrated, CE School Bus, CE Series |
| 888-5106 | 2002–2017 | IC, IC Corporation, International | 4100, 4100 SBA, 4200, 4300, 4300LP, 4400, 4400LP, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CE Commercial, CE Integrated, CE School Bus, CE Series |
| 888-5107 | 2009–2017 | International | ProStar |
| 888-5108 | 2009–2017 | International | ProStar |
| 888-5109 | 2007–2011 | IC, IC Corporation, International | 3300, 3300 CE, 4400, 8600, 8600 SBA, BE Commercial Bus, BE School Bus, BE Series, CE Commercial, CE Integrated, CE School Bus, CE Series |
| 888-5110 | 2007–2011 | IC, IC Corporation, International | 3300, 3300 CE, 4400, 8600, 8600 SBA, BE Commercial Bus, BE School Bus, BE Series, CE Commercial, CE Integrated, CE School Bus, CE Series |
| 888-5201 | 2001–2017 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 888-5202 | 2001–2017 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 888-5203 | 2002–2018 | Freightliner, Thomas | M2, M2 100, M2 106, M2 112, Saf-T-Liner |
| 888-5204 | 2003–2018 | Freightliner, Thomas | M2, M2 106, M2 112, Saf-T-Liner |
| 888-5205 | 2008–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| 888-5206 | 2008–2017 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 |
| 888-5301 | 1997–2009 | Ford, Sterling Truck | A9500, A9513, A9522, AT9500, AT9513, AT9522 |
| 888-5302 | 1997–2009 | Ford, Sterling Truck | A9500, A9513, A9522, AT9500, AT9513, AT9522 |
| 888-5403 | 2006–2015 | Peterbilt | 386, 387 |
| 888-5404 | 2006–2015 | Peterbilt | 386, 387 |
| 888-5501 | 1991–2007 | Mack | CH, CL |
| 888-5502 | 1991–2007 | Mack | CH, CL |
| 888-5503 | 1998–2018 | Mack | CX, CXN, CXU, GU4, GU5, GU7, GU8 |
| 888-5504 | 1998–2018 | Mack | CX, CXN, CXU, GU4, GU5, GU7, GU8 |
| 888-5505 | 2004–2018 | Volvo | VN, VNL, VNM |
| 888-5506 | 2004–2018 | Volvo | VN, VNL, VNM |
| 888-5507 | 1998–2014 | Blue Bird, Volvo | Vision, Vision School Bus, VN, VNL, VNM |
| 888-5508 | 1998–2014 | Blue Bird, Volvo | Vision, Vision School Bus, VN, VNL, VNM |
| 888-5515 | 1990–2006 | Mack | CH |
| 888-5759 | 2006–2014 | Hino | 145, 165, 185, 258ALP, 258LP, 268, 268A, 338, 338CT |
| 888-5760 | 2006–2014 | Hino | 145, 165, 185, 258ALP, 258LP, 268, 268A, 338, 338CT |

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## HEADLIGHT BEZELS†

- Available in black, chrome and paint-to-match
- Easy to install
- No special tools required

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  889-5101 | 889-5101 | 1990–2004 | IC, IC Corporation, International | 1452SC, 1652SC, 1652UPS, 3400, 3600, 3700, 3800, 3800 CE, 3900, 4600, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8100, 8200, 8300, FE Commercial, FE School Bus, RE Commercial, RE School Bus |
| | 889-5102 | 1990–2004 | IC, IC Corporation, International | 1452SC, 1652SC, 1652UPS, 3400, 3600, 3700, 3800, 3800 CE, 3900, 4600, 4700, 4700LP, 4700LPX, 4800, 4900, 7100, 8100, 8200, 8300, FE Commercial, FE School Bus, RE Commercial, RE School Bus |
| | 889-5201 | 2004–2018 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| | 889-5202 | 2004–2018 | Freightliner | Columbia, Columbia 112, Columbia 120 |
|  889-5201 | 889-5203 | 2002–2019 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 889-5204 | 2002–2019 | Freightliner | Business Class M2, M2, M2 100, M2 106, M2 112 |
| | 889-5207 | 1990–2001 | Freightliner | FLD 120, FLD120, FLD120 SD |
| | 889-5208 | 1990–2001 | Freightliner | FLD 120, FLD120, FLD120 SD |
| | 889-5209 | 1996–2004 | Freightliner | Century Class |
| | 889-5210 | 1996–2004 | Freightliner | Century Class |
| | 889-5211 | 1996–2004 | Freightliner | Century Class |
| | 889-5212 | 1996–2004 | Freightliner | Century Class |
|  889-5405 | 889-5405 | 2004–2008 | Kenworth | T300 |
| | 889-5406 | 2004–2008 | Kenworth | T300 |
| | 889-5409 | 1995–2014 | Peterbilt | 385 |
| | 889-5410 | 1995–2014 | Peterbilt | 385 |
| | 889-5501 | 1995–2002 | Mack | CH, CL |
| | 889-5502 | 1995–2002 | Mack | CH, CL |
| | 889-5503 | 1995–2000 | Mack | RB, RD |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TRUCK SIDE STEPS†

- Easy to install
- No special tools required
- Manufactured to strict engineering quality standards



157-5404



157-5501



157-5106

| PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|
| 157-5404 | Truck Bed Side Step | 1990–2019 | Kenworth | T800 |
| 157-5405 | Truck Bed Side Step | 1981–2019 | Kenworth | T600, T800, T880, W900 |
| 157-5501 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5502 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5113 | Truck Cab Side Step | 1990–2015 | International | 8600, 8600 SBA, 8600 TranStar |
| 157-5101 | Truck Cab Side Step | 1966–2015 | Ford, International | |
| 157-5505 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5506 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5106 | Truck Cab Side Step | 1997–2014 | IC, International | 1300, 3200, 3800, 3800 CE, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, WorkStar 7600 |
| 157-5507 | Truck Cab Side Step | 2005–2011 | Mack | CHU, CV, CXN, CXP, CXU, GU7, GU8, LEU, MRU, Pinnacle, TD700, Vision |
| 157-5102 | Truck Cab Side Step | 2001–2013 | International | 3200, 4300, 4400, 7300, 7300 SBA, 7400, 7500, 7600, 7700, 8500, 8600, RXT, TerraStar, WorkStar 7600 |
| 157-5504 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5114 | Truck Cab Side Step | 2002–2010 | International | 1300, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, CXT |
| 157-5104 | Truck Cab Side Step | 1997–2017 | IC, International | 1300, 3200, 3800, 3800 CE, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, CXT, ProStar, WorkStar 7600 |
| 157-5402 | Truck Cab Side Step | 1996–2012 | Kenworth | C500, K100, K300, T170, T2000, T270, T300, T370, T400, T440, T450, T600A, T660, T800, W900 |
| 157-5103 | Truck Cab Side Step | 2007–2017 | International | ProStar |
| 157-5508 | Truck Cab Side Step | 2005–2011 | Mack | CHU, CV, CXN, CXP, CXU, GU7, GU8, LEU, MRU, Pinnacle, TD700, Vision |
| 157-5503 | Truck Cab Side Step | 2005–2015 | Volvo | VAH, VHD, VN, VNL, VNM, VT |
| 157-5403 | Truck Cab Side Step | 1996–2012 | Kenworth, Peterbilt | |
| 157-5510 | Truck Cab Side Step | 2005–2011 | Mack | CHU, CV, CXN, CXP, CXU, GU7, GU8, LEU, MRU, Pinnacle, TD700, Vision |
| 157-5203 | Truck Cab Side Step | 2010–2018 | Freightliner | Business Class M2, Cascadia, Cascadia 113, Cascadia 125, M2, M2 106, M2 112 |
| 157-5509 | Truck Cab Side Step | 2005–2011 | Mack | CH, CHN, CHU, CL, CT, CTP, CV, CX, CXN, CXP, CXU, DM, GU7, GU8, LE, LEU, MR, MRU, RB, RD, TD700, Vision |
| 157-5201 | Truck Cab Side Step | 2001–2010 | Freightliner | Columbia, Columbia 112, Columbia 120 |
| 157-5202 | Truck Cab Side Step | 2010–2018 | Freightliner | Business Class M2, Cascadia, Cascadia 113, Cascadia 125, M2, M2 106, M2 112 |
| 157-5111 | Truck Cab Side Step | 2001–2014 | International | 3200, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 8500, 8500 SBA, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, ProStar, WorkStar 7600 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TRUCK SIDE STEP BRACKETS†

- Direct replacement ensures a proper fit every time
- All necessary hardware is included for a complete repair
- Easy to install, no special tools necessary during installation

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  157-5412 | 157-5412 | Truck Side Step Bracket | 1995–2017 | Peterbilt | 320 |
| | 157-5413 | Truck Side Step Bracket | 1995–2017 | Peterbilt | 320 |

## CLASS 8 DOOR & HOOD MIRROR ASSEMBLIES†

- Direct replacement for a proper fit every time
- Available for the left and right sides of the vehicle
- A necessary item for passing state inspection

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  955-5216  955-5204  955-5206 | 955-5216 | 2008–2013 | Freightliner | Cascadia | |
| | 955-5217 | 2008–2013 | Freightliner | Cascadia | |
| | 955-5218 | 2008–2013 | Freightliner | Cascadia | |
| | 955-5219 | 2008–2013 | Freightliner | Cascadia | |
| | 955-5204 | 2008–2015 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 | |
| | 955-5205 | 2008–2015 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 | |
| | 955-5206 | 2008–2015 | Freightliner | Cascadia, Cascadia 113, Cascadia 125 | 113 SubModel, 125 SubModel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STEP VAN MIRRORS

- Fits most step, delivery, and package vans — fits right or left sides

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9406  PTM9410 | PTM9406 | 6.5″ × 6″ Convex Mirror — Stainless |
| | PTM9406W | 6.5″ × 6″ Convex Mirror — White Painted |
| | PTM9410 | 6.5″ × 10″ Flat Glass Mirror — Stainless |

## STEP VAN MIRRORS COMPLETE ASSEMBLIES

- Fits most step, delivery, and package vans
- Fits right or left sides
- Bracket span adjusts from 18″– 33″ and extends out 9″

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9420 | PTM9420 | Stainless Steel with (1) 6.5″ × 6″ and (1) 6.5″ × 10″ Mirror |

## FENDER MOUNT MIRRORS

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9800  PTM9830  PTM9840 | PTM9800 | Standard Tripod Only |
| | PTM9809 | Standard Tripod w/ 8.5″ Stainless Steel Convex Mirror |
| | PTM9830 | Pad Mount Kit — Stainless Steel — Includes both Straight & Bent Arms |
| | PTM9840 | 15″ Bell Mount Stainless Steel Fender Bracket |

## CROSS-OVER VIEW MIRROR ASSEMBLIES

- Includes 10-1/2″ convex mirror

| | PN | DESCRIPTION |
|---|---|---|
| PTM9810W  | PTM9810 | Stainless Steel |
| | PTM9810W | White Painted |

## CONVEX MIRRORS

- Glass mounted in ozone resistant vinyl gasket
- Female 5/16" adjustable ball, stud, and bolt


PTM9205K


PTM9205B


PTM9206B


PTM9206


PTM9207B


PTM9207


PTM9209


PTM9209H


PTM9210

| PN | DESCRIPTION |
|---|---|
| **5" CONVEX MIRRORS** | |
| PTM9205 | Mirror w/ L Bracket — Stainless |
| PTM9205B | Mirror w/ L Bracket — Black |
| PTM9205BK | With SS Universal Mounting — Black |
| PTM9205FB | Flat Glass w/ L Bracket — Black |
| PTM9205K | With SS Universal Mounting Kit — Stainless |
| PTM9205WK | With SS Universal Mounting Kit — White |
| **6" CONVEX MIRRORS** | |
| PTM9206 | Mirror w/ L Bracket — Stainless |
| PTM9206B | Mirror w/ L Bracket — Black |
| PTM9206BK | With SS Universal Mounting — Black |
| PTM9206K | With SS Universal Mounting Kit — Stainless |
| PTM9206WK | With SS Universal Mounting Kit — White |
| **7-1/2" CONVEX MIRRORS** | |
| PTM9207 | Mirror w/ L Bracket — Stainless |
| PTM9207B | Mirror w/ L Bracket — Black |
| PTM9207K | With SS Universal Mounting Kit — Stainless |
| **8-1/2" CONVEX MIRRORS** | |
| PTM9209 | Mirror w/ Mounted L Bracket — Stainless |
| PTM9209B | Mirror w/ Mounted L Bracket — Black |
| PTM9209H | Heated w/ Mounted L Bracket — Stainless |
| **10-1/2" CONVEX MIRRORS** | |
| PTM9210 | Stainless Steel Housing |

## OFFSET CONVEX MIRRORS

- Glass mounted in ozone resistant vinyl gasket
- Female 5/16" adjustable ball, stud, and bolt

| | PN | DESCRIPTION |
|---|---|---|
| | **7-1/2" OFFSET CONVEX MIRRORS** | |
|  PTM9217 | PTM9217 | Mirror w/ Mounted L Bracket — Stainless |
| | PTM9217B | Mirror w/ Mounted L Bracket — Black |
|  PTM9217H | PTM9217H | Heated w/ Mounted L Bracket — Stainless |
| | **8-1/2" OFFSET CONVEX MIRRORS** | |
|  PTM9219 | PTM9219 | Mirror w/ Mounted L Bracket — Stainless |
| | PTM9219B | Mirror w/ Mounted L Bracket — Black |
|  PTM9219H | PTM9219H | Heated w/ Mounted L Bracket — Stainless |
| | **8-1/2" OFFSET CONVEX MIRRORS W/ LED ARROWS** | |
|  PTM9219LED-L | PTM9219LED-L | Mirror, Left Arrow, 12V Stainless Steel |
|  PTM9219LED-R | PTM9219LED-R | Mirror, Right Arrow, 12V Stainless Steel |

## OVER DOOR CONVEX MIRROR

- Wide angle convex increases visibility in blind spots

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9248 | PTM9248 | 4" × 8" Stainless Steel Housing & Bracket |

## WEST COAST MIRRORS

PRIMA TRONICS

| | FEATURES | PN | DESCRIPTION |
|---|---|---|---|
|  PTM9300A  PTM9310  PTM9310HL | **6" × 16" WEST COAST BOX TYPE MIRRORS**<br>• Gasket insulated glass<br>• Rod through construction<br>• Heated/lighted wired for 12V w/ 60" leads | PTM9300A | Economy Aluminum |
| | | PTM9310 | Stainless |
| | | PTM9310H† | Stainless — Heated |
| | | PTM9310HL† | Stainless — Heated w/ Light |
|  PTM9320  PTM9320CV  PTM9320H | **7" × 16" WEST COAST OEM STYLE MIRRORS**<br>• Mirror-bright stainless steel 12V<br>• Heavy duty two channel construction<br>• Can be disassembled for glass or heater element replacement | PTM9320 | Stainless |
| | | PTM9320CV | Stainless — Combination |
| | | PTM9320H-L† | Stainless — Heated & Lighted |
|  PTM9320LED-L/R | **7" × 16" WEST COAST OEM STYLE MIRRORS W/ LED ARROWS**<br>• 12V mirror bright stainless steel | PTM9320LED-L† | Mirror — Left Arrow |
| | | PTM9320LED-R† | Mirror — Right Arrow |
|  PTM9330  PTM9330B  PTM9330W | **7" × 16" WEST COAST PYRAMID BACK MIRRORS**<br>• Gasket insulated mirror glass<br>• Standard OEM replacement mirrors | PTM9330 | Pyramid Back — Stainless |
| | | PTM9330B | Pyramid Back — Black Pointed |
| | | PTM9330W | Pyramid Back — White Painted |
|  PTM9340  PTM9340HL | **7" × 16" WEST COAST BOX TYPE MIRRORS**<br>• Mirror-bright stainless steel<br>• Heavy duty two channel construction<br>• Can be disassembled for glass or heater element replacement<br>• For 12V system | PTM9340 | Stainless |
| | | PTM9340H† | Stainless — Heated |
| | | PTM9340HL† | Stainless — Heated w/ Light |
|  PTM9350  PTM9350B  PTM9350W | **7" × 16" WEST COAST RIBBED BACK MIRRORS**<br>• Gasket insulated mirror glass<br>• Standard OEM replacement mirrors | PTM9350 | Ribbed Back — Stainless |
| | | PTM9350B | Ribbed Back — Black Painted |
| | | PTM9350W | Ribbed Back — White Painted |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## WEST COAST MIRRORS, continued

| | FEATURES | PN | DESCRIPTION |
|---|---|---|---|
| | **7" × 16" WEST COAST BUBBLE BACK MIRRORS** | | |
|  PTM9360  PTM9360B | • Gasket insulated mirror glass<br>• Can be disassembled for glass repair<br>• Standard OEM replacement mirrors | PTM9360 | Bubble Back — Stainless |
| | | PTM9360B | Bubble Back — Black Painted |
| | | PTM9360W | Bubble Back — White Painted |
| | **7" × 16" WEST COAST FLANGE MOUNT MIRRORS** | | |
|  PTM9370  PTM9370H | • Popular replacement for IHC S service truck mirrors<br>• Aluminum back w/ black poly end caps<br>• Heated mirror has a blunt-cut harness — universal left or right use | PTM9370 | Unheated — Aluminum |
| | | PTM9370H | Heated — Aluminum |

## SPOT MIRRORS

- Extends driver's view and eliminates blind spots
- Bonds instantly and delivers extended durability
- Corrosion resistant aluminum housing

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9102  PTM9104  PTM9105  PTM9109 | PTM9102 | 2" Round Stick-On |
| | PTM9103 | 3" Round Stick-On |
| | PTM9104 | 3-3/4" Round Stick-On |
| | PTM9105 | 4"× 5-1/2" Rectangle Stick-On |
| | PTM9109 | 3-1/2"× 3-1/2" Wedge Stick-On |

## TRIPOD MIRRORS & ASSEMBLIES

- For 6" × 16" or 7" × 16" west coast mirror heads
- Mounting hardware included — adjustable brackets
- Fits most conventional style trucks

| | PN | DESCRIPTION |
|---|---|---|
|  PTM9460  PTM9706  PTM9710S | PTM9460 | 7.5" × 10.5" Stainless w/ Mounting Hardware |
| | PTM9706 | 7.5" × 10.5" Stainless Complete Assembly |
| | PTM9710B | Mounting Bracket — Black Painted |
| | PTM9710S | Mounting Bracket — Stainless Steel |

## DOOR MIRROR COVERS†

- Available in black, chrome and paint-to-color
- Easy snap-in replacements
- No special tools necessary

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  955-5401 | 955-5401 | 1990–2015 | Kenworth | T600, T600A, T660 |
| | 955-5402 | 1990–2015 | Kenworth | T600, T600A, T660 |
|  955-5402 | 955-5403 | 1990–2015 | Kenworth | T600, T600A, T660 |
| | 955-5404 | 1990–2015 | Kenworth | T600, T600A, T660 |
| | 955-5405 | 1997–2011 | Kenworth | T2000 |
|  955-5403 | 955-5406 | 1997–2011 | Kenworth | T2000 |
| | 955-5407 | 1997–2011 | Kenworth | T2000 |
| | 955-5408 | 1997–2011 | Kenworth | T2000 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOOR MIRROR BRACKETS†

- High-quality construction for long-lasting durability
- Direct replacement for a proper fit
- Bolts easily onto the door

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5105 | 924-5105CD | 2002–2018 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 TranStar, 8600, 8600 SBA, CXT, LoneStar, ProStar, RXT, TerraStar |
| | 924-5106CD | 2002–2018 | IC Corporation, International | 3200, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 7600, 7700, 8500, 8500 TranStar, 8600, 8600 SBA, CXT, LoneStar, ProStar, RXT, TerraStar |

## DOOR MIRROR DRIVE MOTOR†

- Direct replacement for a proper fit
- Comes with all necessary hardware
- Easy to install

| | PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  924-5204 | 924-5204CD | 2006–2018 | Freightliner | Columbia, Columbia 112, Columbia 120 |

## DOOR MIRROR GLASS†

- Direct replacement for a proper fit every time
- Available for left and right sides of vehicle
- Package includes step-by-step installation instructions

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  955-5201 | 955-5201 | 2002–2011 | Freightliner | Columbia, Columbia 112, Columbia 120, M2 106, M2 112 | 112 SubModel, 120 SubModel |
| | 955-5208 | 2004–2011 | Freightliner | Argosy, Century Class, Columbia, Columbia 112, Columbia 120, Coronado 132 | 112 SubModel, 120 SubModel |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## AUTOTEX M5 CONVENTIONAL WINDSHIELD WIPERS

- All-steel frame
- All-natural compression-molded rubber
- Aerodynamic vented frame




| PN | SIZE (IN) | SIZE (MM) | ANCO® CROSS | TRICO® CROSS | RAINX® CROSS |
|---|---|---|---|---|---|
| M5-10 | 10″ | 254 | — | — | — |
| M5-11 | 11″ | 280 | 31-11 | 11-1, 11-6 | RX30212 |
| M5-13 | 13″ | 330 | 31-13 | 13-1 | RX30213 |
| M5-14 | 14″ | 350 | 31-14 | 14-1, 14-2 | RX30214 |
| M5-15 | 15″ | 380 | 31-15 | 15-1 | RX30215 |
| M5-16 | 16″ | 400 | 31-16 | 16-1, 16-2 | RX30216 |
| M5-17 | 17″ | 430 | 31-17 | 17-1, 17-3 | RX30217 |
| M5-18 | 18″ | 450 | 31-18 | 18-1, 18-2 | RX30218 |
| M5-19 | 19″ | 480 | 31-19 | 19-1, 19-2 | RX30219 |
| M5-20 | 20″ | 500 | 31-20 | 20-2 | RX30220 |
| M5-21 | 21″ | 530 | 31-21 | 21-1, 21-11 | RX30221 |
| M5-22 | 22″ | 550 | 31-22 | 22-1, 22-4 | RX30222 |
| M5-24 | 24″ | 610 | 31-24 | 24-1, 24-2 | RX30224 |
| M5-26 | 26″ | 650 | 31-26 | 26-1 | RX30226 |
| M5-28 | 28″ | 700 | 31-28 | 28-9 | RX30228 |
| **AUTOTEX M5 BULK WINDSHIELD WIPERS (BOX INCLUDES 10 WIPER BLADES)** | | | | | |
| M5-16B-10 | 16" | 400 | | | |
| M5-18B-10 | 18" | 450 | | | |
| M5-20B-10 | 20" | 500 | | | |
| M5-22B-10 | 22" | 550 | | | |
| M5-24B-10 | 24" | 610 | | | |

Arm Types: 9×3 Hook (Pre-Installed), 9×4 Hook, 1/4″ Pin, 3/16″, and Bayonet

## AUTOTEX M6PRO PREMIUM CONVENTIONAL WINDSHIELD WIPERS

- Tested to last 1.5 Million cycles
- Heavy gauged all-steel frame
- Galvanized aerodynamic frame

| | PN | SIZE (IN) | SIZE (MM) | ANCO® CROSS | TRICO® CROSS | RAINX® CROSS |
|---|---|---|---|---|---|---|
|  | M6-12 | 12″ | 300 | 31-11 | 11-1, 11-6 | RX30212 |
| | M6-13 | 13″ | 330 | 31-13 | 13-1 | RX30213 |
| | M6-14 | 14″ | 350 | 31-14 | 14-1, 14-2 | RX30214 |
| | M6-15 | 15″ | 380 | 31-15 | 15-1 | RX30215 |
| | M6-16 | 16″ | 400 | 31-16 | 16-1, 16-2 | RX30216 |
| | M6-17 | 17″ | 430 | 31-17 | 17-1, 17-3 | RX30217 |
| | M6-18 | 18″ | 450 | 31-18 | 18-1, 18-2 | RX30218 |
| | M6-19 | 19″ | 480 | 31-19 | 19-1, 19-2 | RX30219 |
| | M6-20 | 20″ | 500 | 31-20 | 20-2 | RX30220 |
| | M6-21 | 21″ | 530 | 31-21 | 21-1, 21-11 | RX30221 |
| | M6-22 | 22″ | 550 | 31-22 | 22-1, 22-4 | RX30222 |
| | M6-24 | 24″ | 610 | 31-24 | 24-1, 24-2 | RX30224 |
| | M6-26 | 26″ | 650 | 31-26 | 26-1 | RX30226 |
| | M6-28 | 28″ | 700 | 31-28 | 28-9 | RX30228 |

Arm Types: 9x3 Hook (Pre-Installed), 9x4 Hook, 1/4″ Pin, 3/16″, and Bayonet

## AUTOTEX F8 FLEX WINDSHIELD WIPERS

- All-season rubber frame
- All-natural compression-molded rubber
- Multiple pressure points

| | PN | SIZE (IN) | SIZE (MM) | ANCO® CONTOUR® | ANCO® PROFILE® | TRICO® NEOFORM® | TRICO® FORCE® | BOSCH® ICON™ |
|---|---|---|---|---|---|---|---|---|
|  | F8-14 | 14″ | 350 | — | — | — | — | — |
| | F8-15 | 15″ | 380 | C-15-UB | A-15-M | — | — | — |
| | F8-16 | 16″ | 400 | C-16-UB | A-16-M | 16-160 | 25-160 | 416A |
| | F8-17 | 17″ | 430 | C-17-UB | A-17-M | 16-170 | 25-170 | 417A, 417B |
| | F8-18 | 18″ | 450 | C-18-UB | A-18-M | 16-180 | 25-180 | 418A, 418B |
| | F8-19 | 19″ | 480 | C-19-UB | A-19-M | 16-190 | 25-190 | 419A, 419B |
| | F8-20 | 20″ | 500 | C-20-UB | A-20-M | 16-200 | 25-200 | 420A, 420B |
| | F8-21 | 21″ | 530 | C-21-UB | A-21-M | 16-210 | 25-210 | 421A, 421B |
| | F8-22 | 22″ | 550 | C-22-UB | A-22-M | 16-220 | 25-220 | 422A, 422B |
| | F8-24 | 24″ | 610 | C-24-UB | A-24-M | 16-240 | 25-240 | 424A |
| | F8-26 | 26″ | 650 | C-26-UB | A-26-M | 16-260 | 25-260 | 426A |
| | F8-28 | 28″ | 700 | C-28-UB | A-28-M | 16-280 | 25-280 | 428A |

Arm Types: 9X3 Hook (Pre-Installed), 9X4 Hook, Side Pin, Top Button, and Pinch Tab

## AUTOTEX 71 SERIES NARROW FLAT WINDSHIELD WIPERS

AUTOTEX BE VISIONARY

- Designed for flat windshields
- Common on many different heavy duty applications




| PN | SIZE (IN) | SIZE (MM) | ANCO® CROSS | TRICO® CROSS | TRUVISION® CROSS |
|---|---|---|---|---|---|
| 71-12 | 12″ | 300 | 51-12 | 61-120 | — |
| 71-13 | 13″ | 330 | 51-13 | 61-130 | — |
| 71-14 | 14″ | 350 | 51-14 | 61-140 | — |
| 71-15 | 15″ | 380 | 51-15 | 61-150 | — |
| 71-16 | 16″ | 400 | 51-16 | 61-160 | TV3-16 |
| 71-18 | 18″ | 450 | 51-18 | 61-180 | TV3-18 |
| 71-20 | 20″ | 500 | 51-20 | 61-200 | TV3-20 |
| 71-22 | 22″ | 550 | 51-22 | 61-220 | TV3-22 |

Arm Types: 5mm and 6mm Saddle

## AUTOTEX 72 SERIES NARROW FLEX WINDSHIELD WIPERS

AUTOTEX BE VISIONARY

- Designed for curved windshields




| PN | SIZE (IN) | SIZE (MM) | ANCO® CROSS B | ANCO® CROSS S | TRICO® CROSS B | TRICO® CROSS S | TRUVISION® CROSS |
|---|---|---|---|---|---|---|---|
| 72-15 | 15″ | 380 | 52-15 | — | 63-150 | 63-151 | — |
| 72-16 | 16″ | 400 | 52-16 | 57-08 | 63-160 | 63-161 | TV5-16 |
| 72-18 | 18″ | 450 | 52-18 | 57-09 | 63-180 | 63-181 | TV5-18 |
| 72-18H* | 18″ | 450 | 57-18 | — | — | — | — |
| 72-20 | 20″ | 500 | 52-20 | 57-10 | 63-200 | 63-201 | TV5-20 |
| 13226SS* | 26″ | 650 | 52-26 | 52-27 | — | — | — |

Arm Types: 5mm and 6mm Saddle

* 72-18H is hy-bridge wiper and 13226SS is .500″ saddle coach bus wiper

## AUTOTEX 31 SERIES KWIKCONNECT® WINDSHIELD WIPERS

- KwikConnect® installation
- Exclusive Duraklear® rubber compound provides a consistent, streak-free wipe
- Vented bridge ensures OE fit and function

| | PN | SIZE (IN) | SIZE (MM) |
|---|---|---|---|
|  | 31-18 | 18" | 450 |
| | 31-20 | 20" | 500 |
| | 31-22 | 22" | 550 |
| | 31-24 | 24" | 610 |
| | 31-26 | 26" | 650 |
| | 31-28 | 28" | 700 |

## AUTOTEX 78 SERIES 13.6MM SADDLE WINDSHIELD WIPERS

- Designed for commercial vehicle applications like truck, bus, RV, construction/agricultural, and more

| | PN | SIZE (IN) | SIZE (MM) | ANCO® CROSS | TRICO® CROSS | | TRUVISION® CROSS |
|---|---|---|---|---|---|---|---|
|  | 78-22 | 22″ | 550 | 50-22 | — | — | TV6-22 |
| | 78-24 | 24″ | 610 | 50-24 | 67-241 | 68-241 | TV6-24 |
| | 78-26 | 26″ | 650 | 50-26 | 67-261 | 68-261 | TV6-26 |
| | 78-28 | 28″ | 700 | 50-28 | 67-281 | 68-281 | TV6-28 |
| | 78-30 | 30″ | 750 | — | — | — | — |
| | 78-32 | 32″ | 800 | — | 67-321 | — | TV6-32 |
| | 78-36 | 36″ | 900 | — | — | — | — |

Arm Types: 13.6mm Saddle

## ANCO HD CURVED "CLEAR FLEX" WINDSHIELD WIPERS

- Heavy guages steel frame
- Multi- applications: trucks, bus, RV, agriculture, etc.



| PN | SIZE (IN) | SIZE (MM) |
|---|---|---|
| 52-12 | 12" | 300 |
| 52-14 | 14" | 350 |
| 52-15 | 15" | 380 |
| 52-16 | 16" | 400 |
| 52-18 | 18" | 450 |
| 52-20 | 20" | 500 |
| 52-24 | 24" | 610 |
| 52-26 | 26" | 650 |
| 52-28 | 28" | 700 |

## ANCO AEROVANTAGE WINDSHIELD WIPERS

- KwikConnect® installation
- Aerodynamic vented bridge maingtains streak-free wipe at highway speeds



| PN | SIZE (IN) | SIZE (MM) |
|---|---|---|
| 91-14 | 14" | 350 |
| 91-15 | 15" | 380 |
| 91-16 | 16" | 400 |
| 91-18 | 18" | 450 |
| 91-20 | 20" | 500 |
| 91-22 | 22" | 550 |
| 91-24 | 24" | 610 |
| 91-26 | 26" | 700 |

## ANCO® WINTER WIPER BLADES

- Rubber cover over heavy duty frame
- KwikConnect® installation system
- Duraklear® exclusive rubber compound provides streak-free wipe while remaining flexible in the coldest temperatures



| PN | SIZE (IN) | SIZE (MM) | AUTOTEX CROSS |
|---|---|---|---|
| 30-16 | 16″ | 400 | WI-16 |
| 30-18 | 18″ | 450 | WI-18 |
| 30-20 | 20″ | 500 | WI-20 |
| 30-22 | 22″ | 550 | WI-22 |
| 30-24 | 24″ | 610 | WI-24 |

## ANCO® HEAVY DUTY WINTER WIPER BLADES

- Heavy duty for extreme weather conditions
- KwikConnect® installation system
- Duraklear® exclusive rubber compound



| PN | SIZE (IN) | SIZE (MM) |
|---|---|---|
| 59-15 | 15″ | 380 |
| 59-16 | 16″ | 400 |
| 59-18 | 18″ | 450 |
| 59-20 | 20″ | 500 |
| 59-22 | 22″ | 550 |
| 59-24 | 24″ | 610 |

## 1/2″ DRUM ADJUSTABLE LENGTH WIPER ARMS



| PN | DESCRIPTION | SIZE (IN) |
|---|---|---|
| **RADIAL WIPER ARMS*** | | |
| 200714D | Dry | 11″–14″ |
| 200717W<br>200717D | Wet<br>Dry | 14″–18″ |
| 200718W<br>200718D | Wet<br>Dry | 20″–24″ |
| **PANTOGRAPH WIPER ARMS**** | | |
| 200715W<br>200715D | Wet<br>Dry | 14″–18″ |
| 200716W<br>200716D | Wet<br>Dry | 20″–24″ |

* Universal 9x3 hook wiper blade needed. Wet kit included.

** 13.6mm saddle mount wiper blade needed. Wet kit included.

## WINDSHIELD WIPER ARMS†

- Direct fit ensures trouble-free installation
- High-tensile strength spring rate maintains proper wiper blade to glass contact
- No adapters or adjustments needed for installation


602-5403

| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| 602-5403 | 2006–2012 | Kenworth | T600, T600A, T660, T800 |
| 602-5404 | 2006–2012 | Kenworth | T600, T600A, T660, T800 |
| 602-5405 | 1985–2015 | Kenworth | T600, T600A, T800, W900 |
| 602-5411 | 1990–2007 | Peterbilt | 379 |
| 602-5412 | 1981–2017 | Mack | MR, MRU |

## WINDSHIELD WASHER NOZZLES†

- Universal and direct replacement nozzles available (where applicable) for a proper fit on many different vehicles
- Easy to install
- Ideal for repairing damage incurred during automated car washes and snow and ice removal



| PN | YEAR | MAKE | MODEL |
|---|---|---|---|
| 924-5101CD | 2001–2015 | IC, IC Corporation, International | 3000, 3000RE, 3200, 3300, 3300 CE, 3400, 3600, 3700, 3800, 3800 CE, 3900, 4100, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 4700, 4700LP, 4700LPX, 4800, 4900, 7300, 7400, 7500, 7600, 7700, 8000, 8500, 8500 TranStar, 8600, 8600 SBA, 8600 TranStar, 9200, 9200 |
| 924-5224CD | 2000–2012 | Freightliner | Columbia |
| 924-5225CD | 2009–2012 | Freightliner | Cascadia |
| 924-5226CD | 1999–2010 | Freightliner | FLD112, FLD120, FLD120 SD, FLD120SD, FLD132 |
| 924-5403CD | 1987–2011 | Peterbilt | 330, 335, 357, 367, 375, 377, 378, 379, 388, 389 |
| 924-5504CD | 2005–2012 | Volvo | VNL |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## WASHER FLUID RESERVOIRS†

- Comes with reservoir cap
- Level sensor included (where applicable)
- Quality tested to ensure trouble-free installation and performance

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  603-5102 | 603-5102 | 1997–2007 | International | 3000, 3000RE, 3200, 3300, 4700, 4700LP, 4700LPX, 4800, 4900 | |
| | 603-5204 | 2008–2012 | Freightliner | Cascadia | |
| | 603-5214 | 2004–2010 | Freightliner | M2, M2 100, M2 106, M2 112 | |
| | 603-5401 | 1999–2002 | Kenworth | T300 | |
| | 603-5402 | 2006–2016 | Kenworth, Peterbilt | 320, 330, 335, 340, 357, 362, 365, 367, 378, 379, 382, 384, 385, 386, 387, 388, 389, T680 | Caterpillar, |
| | 603-5404 | 1989–2007 | Peterbilt | 357, 375, 377, 379 | |
| | 603-5503 | 1991–2003 | Mack | MR | MR600K SubModel, MR600P SubModel |
| | 603-5506 | 1997–2015 | Volvo | VN, VNL | |
| | 603-5508 | 2004–2012 | Volvo | VHD | |
| | 603-5512 | 1987–2002 | Mack | RD | |
| | 603-5602 | 1995–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | Gas |
| | 603-5752 | 2005–2010 | Hino | 145, 165, 185, 238, 258ALP, 258LP, 268, 268A, 308, 338, 338CT, 358, Dutro, FD | |

## WASHER FLUID CAPS†

- Constructed from high-quality plastic for long-lasting durability
- Many different sizes available
- Protects windshield washer system by providing a tight seal against the elements

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  902-5401 | 902-5401CD | Washer Tank Cap / Washer Fluid Reservoir Cap | 2008–2010 | Peterbilt | 335, 362, 365, 367, 384, 386, 387, 388, 389 |
| | 902-5404CD | Reservoir Cap / Washer Fluid Reservoir Cap | 1989–2007 | Peterbilt | 357, 375, 377, 379 |

## WASHER FLUID PIPE†

- Prevents loss of windshield wiper fluid
- Direct replacement for a proper fit every time
- A quality inspection has been undertaken to ensure product standards

| | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|
|  902-5507 | 902-5507 | Washer Fluid Reservoir Filler Pipe | 2005–2018 | Volvo | VNL |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## WIPER SYSTEM KIT

- Kit includes wiper motor, adjustable radial wiper arm, and 11" wiper blade
- 10"–14" stainless steel adjustable wiper arm

| | PN | VOLTAGE | ADJ. WIPER ARM | WIPE ANGLE |
|---|---|---|---|---|
| SQ112110SSK  | SQ112080SSK | 12V | 10"–13" | 80° |
| | SQ124080SSK | 24V | 11"–14" | 80° |
| | SQ112110SSK | 12V | 10"–13" | 110° |
| | SQ124110SSK | 24V | 11"–14" | 110° |

## WIPER TRANSMISSIONS†

- Replacement restores the windshield wiper system to proper performance
- Easy to install
- A rigorous quality inspection has been undertaken to ensure that this part conforms to product standards

| | PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  602-5601 | 602-5601 | 1987–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | Gas |

## WWF MARINE SEALED WIPER MOTORS

### Sealed 1/2" Drum Wiper Motors

- CE Certified
- Adjustable wipe angle (40, 50, 60, 70, 80, 90, 100, and 110 degrees)

| | PN | VOLTAGE | SHAFT LENGTH |
|---|---|---|---|
|  4A1.12.R110DCE | 4A1.12.R110CE | 12V | 1" threaded shaft (1.5" when measured with drum head) |
| | 4A1.24.R110CE | 24V | |
| | 4A2.12.R110.CE | 12V | 2" threaded shaft (2.5" when measured with drum head) |
| | 4A2.24.R110.CE | 24V | |
| | 4A3.12.R110.CE | 12V | 3" threaded shaft (3.5" when measured with drum head) |
| | 4A3.24.R110.CE | 24V | |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## WIPER MOTORS

AUTOTEX BE VISIONARY

- Popular on school buses and more

| | PN | WEXCO PN | DESCRIPTION | CROSS |
|---|---|---|---|---|
|  H130 | H130 | 411.02000.2512 | 12V, 25NM Torque Coast-to-Park | • Blue Bird Bus #04304440, #PPWPM8003, #WPM8003 |
|  H131 | H131 | 411.02000.3212 | 12V, 32NM Torque Dynamic Park | — |
|  H132 | H132 | 411.02000.3224 | 24V, 32NM Torque Coast-to-Park | • Johnson Electric #65661 |
|  H134 | H134 | 411.01301.2812 | 12V, 28NM Torque Dynamic Park | • AM Equipment #230-1002<br>• Blue Bird Bus #00076586, #PPWPM8001, #WPM8001<br>• AmTran Bus #433854001 |
|  H137 | H137 | 411.01301.2824 | 24V, 32NM Torque Coast-to-Park | — |

## TRUCK & BUS WIPER MOTORS

AUTOTEX BE VISIONARY

| | PN | DESCRIPTION/APPLICATION | CROSS |
|---|---|---|---|
|  AX9103  AX9111 | AX9112 | Bus Wiper for Blue Bird Bus<br>Includes wiper motor and wiring connector | Blue Bird Bus (Post-2006) #10102238 |
| | AX9111 | Bus Wiper for Blue Bird/Thomas Bus<br>Includes wiper motor, wiring connector, 2 cranks, nut, and screws | Blue Bird Bus (Pre-2006) #4304440<br>Thomas Bus (1973–Present) #85650481 |
|  AX9310  AX9112 | AX9310 | Wiper Motor for All Freightliner Business Class<br>Includes wiper motor, wiring connector, bracket, crank, nuts, and washers | Freightliner #APR/FL80 |
| | AX9204 | Wiper Motor for Freightliner FLD/ Western Star<br>Includes wiper motor, wiring connector, crank, nut, and screws | FLD #199903110010<br>Western Star (Post-2000) #9397236037 |
|  AX9208  AX9204 | AX9208 | Wiper Motor for Western Star<br>Includes wiper motor, wiring connector, crank, nut, and screws | Western Star (Pre-2000) #628163404 |
| | AX9103 | Wiper Motor for Mack CH<br>Includes wiper motor, wiring connector, and screws | Mack CH #6307521 |

## WWF WIPER MOTORS

| | PN | DESCRIPTION/APPLICATION | CROSS |
|---|---|---|---|
|  AX9202 | AX9202 | For International 5000 Series<br>Includes wiper motor, wiring connector, crank, nut, and screws | • International/Navistar #2015299C1 |
|  AX9301 | AX9301 | For International 4000 Series<br>Includes wiper motor, wiring connector, bracket, crank, nut, and screws | • International/Navistar #3539699C91 |
|  AX9207 | AX9207 | For Kenworth/Peterbilt<br>Includes wiper motor, wiring connector, crank, nut, and screws | • Kenworth T2000, T800, W900 and<br>• Peterbilt 387 Series #E005-554 |
|  AX9109 | AX9109 | For Kenworth T300 & T600<br>Includes wiper motor, wiring connector, nut, and screws | • Kenworth T300, T600 #V3CD1 |

## WWF 1/2" DRUM WIPER MOTORS

- Oscillating, self-contained wiper motor

| | PN | VOLTAGE | DESCRIPTION | SHAFT LENGTH |
|---|---|---|---|---|
|  4R1.12.R110D | 4R1.12.R110D | 12V | 110° Wipe Angle | 1" Threaded Shaft<br>(1.5" when measured with drum head) |
| | 4R1.24.R110D | 24V | 110° Wipe Angle | |
|  4R2.12.R110D | 4R2.12.R110D | 12V | 110° Wipe Angle | 2" Threaded Shaft<br>(2.5" when measured with drum head) |
| | 4R2.24.R110D | 24V | 110° Wipe Angle | |
|  4R3.12.R110D | 4R3.12.R110D | 12V | 110° Wipe Angle | 3" Threaded Shaft<br>(3.5" when measured with drum head) |
| | 4R3.24.R110D | 24V | 110° Wipe Angle | |

## WIPER MOTORS

| | PN | DESCRIPTION |
|---|---|---|
| | 63QT520 | 12V Mack Wiper Motor |
| | AX9109 | Kenworth T300 & T600 Trucks |
| | AX9204 | Freightliner FLD & Western Star Post 2000 |
| | AX9207 | Kenworth T2000, W900, T800 & Peterbilt 387 |
| | AX9310 | Freightliner Business Class |

## WINDSHIELD WIPER SWITCHES†

- Direct replacement for a proper fit every time
- Easy to install
- Manufactured to strict engineering quality standards

| | | PN | DESCRIPTION | YEAR | MAKE | MODEL |
|---|---|---|---|---|---|---|
|  901-5102 |  901-5210 | 901-5102 | Windshield Wiper Switch | 2000–2010 | International | 5000, 5500i, 5600, 5600i, 5900, 5900i, 5900i SBA, 9100i SBA, 9200, 9200 SBA, 9200i SBA, 9400, 9400i SBA, 9800, 9900, 9900i, 9900i SFA, 9900ix, 9900ix SFA |
| | | 901-5210 | Windshield Wiper Switch | 2000–2017 | Freightliner | Columbia, Columbia 112, Columbia 120, Coronado, Coronado 122, Coronado 132 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

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- Power Products lighting undergoes a minimum of eight test procedures including vibration, moisture, salt spray, high/low temperature, durability, and photometrics, verified with independent laboratories
- Power Products LED has 79% less energy consumption than standard incandescent lighting, increasing battery and alternator life
- Power Products LED has 15 times the life expectancy of regular incandescent bulbs
- Drop-in replacement, same connector and mounting footprint



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# Lighting

15

## UNIVERSAL LIGHTING

**LED cross-references are for form, fit and function. LED count may vary between brands.**

### POWER PRODUCTS CSA KIT†

- 25-piece repair kit includes the most common lights, grommets, pigtails, butt connectors, terminal crimper, tie wraps, electrical tape, 9007 halogen bulb and an LED flashlight
- Complete kit weighs 10 pounds and fits easily behind the seat

| | POWER PRODUCTS PN | DESCRIPTION |
|---|---|---|
|  | PPCSAKIT | 25-Piece Repair Kit |

### 4" ROUND LED STOP/TURN/TAIL LIGHTS†

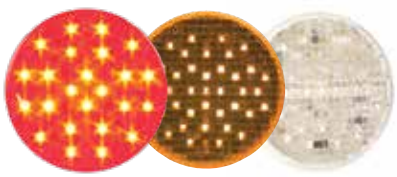
- Polycarbonate or acrylic lens (diamond shell), housing and flange
- PVC grommet
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  53292 | 53462 | Red, 6 LED, 10 Diode | 44030R |
|  53272 | 53272 & 67002 | Red, 6 LED, 10 Diode | 44032R |
| | 53292 & 67002 | Red, 6 LED, 10 Diode | 44036R |
| | 53252 | Red, 6 LED, 10 Diode | 44302R |
|  53252 | 53312 | Red, 42 LED, 10 Diode | 44202R |
| | 53292 | Red, 6 LED, 10 Diode | 44322R |
| | 53292 | Red, 6 LED, 10 Diode | 44326R |
|  53312 | 53292 & 92512 | Red, 6 LED, Diamond Shell, 10 Diode | 44986R |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 4" ROUND LED STOP/TURN/TAIL & FRONT/PARK/TURN LIGHTS†

- Polycarbonate lens and housing
- Grommets/Pigtails PT4926P / PT4993P



G4002 G4003 G4022

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G4002 | Red Lamp 24 LED | 4050 |
| G4003 | Yellow Lamp 24 LED | 4050A |
| G4022 | Red Lamp w/ Clear Lens 24 LED | 4051 |
| 64023 | Yellow Lamp w/ Clear Lens 24 LED | 4051A |
| G4002 | 4" S/T/T Red 40 LED | — |
| G4003 | 4" S/T/T Amber 40 LED | — |
| 53182 | 4" S/T/T Red w/ Black Flange 40 LED | — |
| — | 4" S/T/T Amber w/ Black Flange 40 LED | — |

## 4" ROUND LED STOP/TURN/TAIL w/ INTEGRATED BACK-UP†

- Innovative patented design combines all stop tail turn and back-up functions into one industry standard size lamp
- Provides high level electrical protection for: reverse voltage, over voltage, electrical transients, and overheating
- Designed to meet electrical specifications of all major Class 8 truck manufacturers
- Standard 4-pin hard shell connector

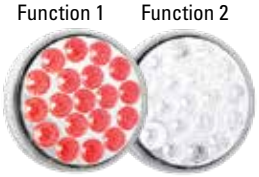


55182

| GROTE PN | LENS | POLYCARBONATE HOUSING | VOLTAGE AMP |
|---|---|---|---|
| 55162 | Red/Clear | Black Polycarbonate/ABS Blend | 12V |

- 2 Functions in 1 light: (1) red stop, turn & tail and (2) white back-up
- DOT approved (DOT SAE HL-09)
- IP67 water proof
- Hard coated polycarbonate lens
- Grommet mount
- To be paired with TLED-419CR
- Warranty: 3 years

Function 1 Function 2



TLED-4X40



TLED-419CR

| TRUX PN | DESCRIPTION |
|---|---|
| TLED-4X40 | 4" Dual Red/White S/T/T w/ Back-up 19 LED |
| TLED-419CR | 4" Clear Red Stop, Turn & Tail 19 LED |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HD VALUE SIGNAL LIGHTING & UTILITY LICENSE LAMPS†

- SMD LED's (Surface-Mount Device Light-Emitting Diode) is a type of LED module that uses surface-mount technology (SMT) to mount LED chips on printed circuit boards (PCB)
- Operation temperature –40°C to +65°C
- Self-contained surface-mount LED device designed either to function on its own or to plug into a compatible unit
- IP67 / 12VDC
- DOT compliant


HDV4002R


HDV4002Y


HDV4003W

HDV6002R




HDV6005Y

HDV6003W




HDV2006W


HDV1506W

| HD VALUE PN | DESCRIPTION |
|---|---|
| **HD VALUE SIGNAL LIGHTING** | |
| HDV4002R | 4" Round S/T/T Red 18 LED; 3 Core Connector |
| HDV4002Y | 4" Round F/P/T Amber 18 LED; 3 Core Connector |
| HDV4002FR | 4" Round S/T/T Red 18 LED w/ Flange; 3 Core Connector |
| HDV4003W | 4" Round White Backup 10 LED; 3 Core Connector |
| HDV6002R | 6" Oval S/T/T Red 20 LED; 3 Core Connector |
| HDV6005Y | 6" Oval F/P/T Amber 20 LED; 3 Core Connector |
| HDV6003W | 6" Oval White Backup 10 LED; 3 Core Connector |
| **HD VALUE UTILITY LICENSE LAMPS** | |
| HDV2006W | 2.5" Chrome Mini Utility License Lamp 2 LED; 2 Core Connector |
| HDV1506W | 2.5" Rectangular Mini Utility License Lamp 2 LED; 2 Core Connector |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HD VALUE MARKER/CLEARANCE LIGHTS†

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
|  HDV3001R / HDV3001Y | HDV3001R | 2" Round Red M/C 4 LED; Gray Housing, 2 Core Connector |
| | HDV3001Y | 2" Round Amber M/C 4 LED; Gray Housing, 2 Core Connector |
|  HDV1001R / HDV1001Y | HDV1001R | 2.5" Round Red M/C 4 LED; 2 Core Connector |
| | HDV1001Y | 2.5" Round Amber M/C 4 LED; 2 Core Connector |
|  HDV1101R / HDV1101Y | HDV1101R | 2.5" Round Red M/C Reflex 1 LED; Gray Housing, 2 Core Connector |
| | HDV1101Y | 2.5" Round Amber M/C Reflex 1 LED; 2 Core Connector |
|  HDV5001R / HDV5001Y | HDV5001R | 4" Double Bullseye Red 2 LED; 2 Core Connector |
| | HDV5001Y | 4" Double Bullseye Amber 2 LED; 2 Core Connector |
|  HDV3001BR / HDV3001BY | HDV3001BR | 2" Beehive Red M/C 4 LED; 2 Core Connector |
| | HDV3001BY | 2" Beehive Amber M/C 4 LED; 2 Core Connector |
|  HDV1901R / HDV1901Y | HDV1901R | 3.75" Rectangular Slim Line Red M/C 2 LED; 2 Core Connector |
| | HDV1901Y | 3.75" Rectangular Slim Line Amber M/C 2 LED; 2 Core Connector |
|  HDV2101R / HDV2101Y | HDV2101R | 6" Rectangular Red M/C Reflex 4 LED; 2 Core Connector |
| | HDV2101Y | 6" Rectangular Amber M/C Reflex 4 LED; 2 Core Connector |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 4" ROUND STOP/TURN/TAIL & FRONT/PARK/TURN LIGHTS†, SEALED

- Polycarbonate lens and housing
- ABS flange
- PVC grommet
- 16 gauge wire
- Incandescent


52782

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 52782 | Grommet Kit Red | 40002R |
| 52922 | Model 40 Lamp Red | 40202R/40282R |
| 52773 | Model 40 Lamp Yellow | 40202Y/40282Y |
| 52672 | Model 40 Lamp Red, Reflectorized | 40215R* |
| 52772 | Super 40® Red | 40242R |
| 52672 | Super 40® Red, Reflectorized | 40248R* |
| 52773 | Super 40® Yellow | 40242Y |

*8 sq. in. (illuminating) stop/turn lens area for vehicles under 80" wide. Meets reflex, tail or clearance function for vehicles over 80" wide.

## 4" ROUND MALE PIN STOP/TURN/TAIL LIGHTS†, SEALED

- Shock mount absorbs road shock and vibration
- Polycarbonate lens and housing
- 16 gauge wire
- Heavy duty dual filament cartridge bulb

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 53102 | Red Lamp | 49202R |

- Hermetic lens-to-housing seal
- Advanced pin connection system uses tin-plated, solid brass pin terminals


53302

| GROTE PN | DESCRIPTION |
|---|---|
| 53302 | Stainless Steel Theft-Resistant Flange 10 LED |

## LED STOP/TURN & REAR TURN LIGHTS†

- Polycarbonate lens and housing
- ABS flange
- PVC grommet
- 16 gauge wire


G4502

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G4502 | Red Lamp 24 LED | 4550 |
| G4503 | Yellow Lamp 24 LED | 4550A |
| — | Clear Lamp, back-up 24 LED | 4560C |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR STOP/TURN/TAIL & FRONT/PARK/TURN LIGHTS†, SEALED

- Polycarbonate lens and housing
- PVC grommet
- 16 gauge wire
- Dual filament bulb


52202

| GROTE PN | DESCRIPTION | TRUCK-LITE® PN |
|---|---|---|
| 52202 | Red Lamp S/T/T | 45202R |
| 52203 | Yellow Lamp F/P/T | 45202Y |
| 62381 | Clear (Back-up) | 45204 |

## OVAL LED STOP/TURN/TAIL & FRONT/PARK/TURN LIGHTS†

- Polycarbonate lens and housing


G6002 G6003


G6012 G6013

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G6002 | Red Lamp 24 LED S/T/T | 6050 |
| G6003 | Yellow Lamp 24 LED F/P/T | 6050A |
| G6012 | Red Lamp w/clear lens 24 LED | 6051 |
| G6013 | Yellow Lamp w/clear lens 24 LED | 6051A |
| G6002 | Red Lamp 69 LED S/T/T | — |

## 6" OVAL LED STOP/TURN/TAIL & FRONT/PARK/TURN LIGHTS†, SEALED

- Faster illumination offers significant safety benefit for following drivers to react quicker, resulting in average 3' reaction time advantage for every 10 mph
- Polycarbonate lens and housing
- ABS flange
- PVC grommet
- 16 gauge wire


53962
53122

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 53122 | Red Grommet Kit 26 LED | 60050R |
| 53962 | Red LED Lamp 26 LED | 60250R |
| 54143 | Yellow LED Lamp 44 LED | 60290Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 6" OVAL LED STOP/TURN/TAIL w/ INTEGRATED BACK-UP†

- Innovative patent-pending design combines all stop/tail/turn and back-up functions into one industry standard size lamp
- Symmetrical design meets legal requirements at any mounting angle
- Industry-standard design fits existing mounting grommets, brackets, and flanges
- 12V
- Red high impact acrylic, clear polycarbonate

| | GROTE PN | DESCRIPTION |
|---|---|---|
| 54702  | 54702 | 6" Red/Clear S/T/T w/ Backup |

| | TRUX PN | DESCRIPTION |
|---|---|---|
| TLED-OX60R  Function 1 Function 2 | TLED-OX60R | 6" Dual Red/White S/T/T w/ Back-up 12 LED |

## MINI BUTTON LED STOP/TURN/TAIL w/ INTEGRATED BACK-UP†

- 2 functions in 1 light: (1) red stop, turn & tail and (2) white back-up
- 4 wire
- Amperage: 30 mA
- DOT approved (DOT SAE HL-09)
- IP67 water proof
- 3-year warranty
- Fits into any existing 3/4" hole

| | TRUX PN | DESCRIPTION |
|---|---|---|
| TLED-BX40  Function 1 Function 2 | TLED-BX40 | Mini Button Dual Red/White S/T/T w/ Back-up 2 LED |

## 6" OVAL STOP/TURN/TAIL† & FRONT/PARK/TURN LIGHTS†, SEALED

- Polycarbonate lens and housing
- PVC grommet
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 52892  | 52892 | Red Lamp | 60202R |
| | 52893 | Yellow Lamp | 60202Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED MULTI-FUNCTION LIGHTS, 16 LED† (S/T/T), 5 LED† (LICENSE) & 18 LED† (B/U)

- Polycarbonate lens and housing
- Acrylic S/T/T and B/U lens
- 18 gauge 3 wire
- 3 stud mounting design w/ ground function

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  G5092 | G5092 | Roadside w/ License | 5070 |
| | G5082 | Curbside | 5071 |

## THREE STUD MULTI-FUNCTION LIGHT, BULB REPLACEABLE†

- Combination stop/turn/tail, back-up and reflex reflector
- Three bolt on 2" triangle
- Acrylic lens
- Polycarbonate housing
- 18 gauge wire
- Bulb: #1157 S/T/T
- Bulb: #1156 B/U

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  50972 | 50972 | Universal | 4027 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## METAL S/T/T MODULE WITH SIDE MARKER†

- Features universal mount designed to retrofit a wide variety of vehicles
- Optional mounting gasket available to provide extra seal between module and body
- Polycarbonate lamps
- Metal module box
- PVC grommet
- 14 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  51022 | 51022 | RH Model 40 kit w/ Side Marker | 40757 |
| | 51023 | LH Model 40 kit w/ Side Marker | 40756 |

## 6" OVAL LED SIDE TURN INDICATOR LIGHT†

- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION |
|---|---|---|
|  54183 | 54183 | 6" Oval Mid-Turn Amb 9 LED |

## 6" OVAL SIDE TURN & MARKER†, SEALED

- Features side indicator, marker/clearance and reflector functions
- Narrow width facilitates horizontal mounting
- Meets SAE J2039, side turn signal
- Polycarbonate lens and housing
- 16 gauge wire
- Dual filament baseless bulb

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  52253 | 52253 | Yellow, Grommet Kit | 60015Y |
| | 52512 | Red Lamp | 60215R |
| | 52193 | Yellow Lamp | 60215Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SIDE TURN LAMP†, SEALED

- Dual contact marker/clearance and side/auxiliary turn functions
- Yellow version exceeds SAE J2039 side turn and marker standards
- Polycarbonate lens and housing
- 16 gauge wire
- Dual filament baseless bulb



51022

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 52193 & 66843 | Yellow, Kit | 22002Y |
| 53063 & 66905 | Yellow, Kit w/ Gasket | 22004Y |
| 53062 & 66905 | Red Lamp | 22202R |
| 64063 | Yellow Lamp | 22202Y |
| — | Yellow Lamp w/ Gasket | 22006Y |

## LED DOUBLE FACE PEDESTAL LIGHT†

- Ideal for show trucks, highway mowing, municipal and farm equipment
- Chrome plated housing
- Polycarbonate lens
- Die cast housing



G5300

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G5300 | Red / Yellow Double Face 24 LED | 2750 |

## 5800® SERIES UNIVERSAL COMBINATION DOUBLE FACE FRONT TURN SIGNAL LAMP, SIDE MARKER & REFLEX REFLECTOR†

- Polycarbonate lens and housing
- #1157 Bulb, 16 gauge wire



5800AAK

| TRUCK-LITE PN | DESCRIPTION |
|---|---|
| 5800AA | Yellow/Yellow, Vertical Mount |
| 5800AAK | Yellow/Yellow, Vertical Mount w/ 9465 Harness* |

* Special Packard Metri-Pack connector GM #15565531

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOUBLE-FACE LED STOP TAIL TURN LIGHT w/ SIDE MARKER†

- 2-stud mounting bolts
- Includes reflex reflector
- Attached three-wire harness
- 25 diodes on either front or back with two diodes in the sidemarker
- Finish: Chrome
- Voltage Amp: 12V / .775A (I)/ .038A (P, P2, T)

| | GROTE PN | DESCRIPTION |
|---|---|---|
|  G5530 G5540 | G5530 | Red/Yellow LH |
| | G5540 | Red/Yellow RH |

## SIDE MARKER LIGHT ASSEMBLIES†

- Durable against the elements and against poor road conditions
- Direct replacement for a proper fit
- Replacement of worn or damaged lights restores vehicle's aesthetic appearance

| | DORMAN PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  888-5112 | 888-5112 | 1990–2002 | International | 3000, 3000FE, 3000IC, 3000RE, 3600, 3800, 4700, 4700LP, 4700LPX, 4800, 4900, 8100 |
| | 888-5113 | 1990–2002 | International | 3000, 3000FE, 3000IC, 3000RE, 3600, 3800, 4700, 4700LP, 4700LPX, 4800, 4900, 8100 |
| | 888-5121 | 1994–2008 | International | 5900, 5900i, 5900i SBA, 9200, 9200 SBA, 9200i SBA |
| | 888-5122 | 2001–2014 | International | 3200, 3300, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 8500, Durastar, RXT |
|  888-5121 | 888-5123 | 2001–2014 | International | 3200, 3300, 4100, 4100 SBA, 4200, 4200LP, 4300, 4300LP, 4400, 4400LP, 7300, 7300 SBA, 7300 SFA, 7400, 7500, 8500, Durastar, RXT |
| | 888-5420 | 2007–2010 | Kenworth | T170, T270, T370, T660 |
| | 888-5420CD | 2007 - 2010 | Kenworth | T170, T270, T370, T660 |
| | 888-5421 | 2007–2010 | Kenworth | T170, T270, T370, T660 |
| | 888-5421CD | 2007–2010 | Kenworth | T170, T270, T370, T660 |

- Replacement helps you pass state inspection-and avoid tickets and fines
- Wiring harness included (where applicable)
- No special tools required

| | DORMAN PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  888-5303 | 888-5303 | 1998–2009 | Ford, Sterling | A9500, A9513, A9522, AT9500, AT9513, AT9522, L8000, L8501, L8511, L8513, L9000, L9501, L9511, L9513, L9522, LA8000, LT8500, LT8501, LT8511, LT8513, LT9500, LT9501, LT9511, LT9513, LT9522 |
| | 888-5304 | 1998–2009 | Ford, Sterling | A9500, A9513, A9522, AT9500, AT9513, AT9522, L8000, L8501, L8511, L8513, L9000, L9500, L9501, L9511, L9513, L9522, LA8000, LT8500, LT8501, LT8511, LT8513, LT9500, LT9501, LT9511, LT9513, LT9522 |
|  888-5411 | 888-5411 | 2006–2014 | Peterbilt | 386 |
| | 888-5411CD | 2006–2014 | Peterbilt | 386 |
| | 888-5422 | 2011–2017 | Kenworth | T680, T700, T880 |
| | 888-5423 | 2011–2017 | Kenworth | T680, T700, T880 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURN SIGNAL LIGHT ASSEMBLIES†

- Replacement helps you pass state inspection-and avoid tickets and fines
- Wiring harness included (where applicable)
- No special tools required

| | DORMAN PN | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|
|  888-5516 | 888-5200CD | 2008–2014 | Freightliner | Cascadia | |
| | 888-5405 | 2007–2013 | Kenworth | T170, T270, T370, T440 | |
| | 888-5516 | 1990–2006 | Mack | CH | |
|  888-5605 | 888-5605 | 2006–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | Gas |
| | 888-5606 | 2006–2007 | Chevrolet, GMC, Isuzu | NPR, NPR-HD, NQR, NRR, W3500 Forward, W3500 Tiltmaster, W4500 Forward, W4500 Tiltmaster, W5500 Forward, W5500 Tiltmaster, W5500HD Forward, W5500HD Tiltmaster | Gas |

## PARKING / SIDE MARKER LIGHT LENS†

- Replacement helps you pass state inspection-and avoid tickets and fines
- Wiring harness included (where applicable)
- No special tools required

| | DORMAN PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  888-5517 | 888-5517 | 1998–2015 | Volvo | VN, VNL, VNM |
| | 888-5518 | 1998–2015 | Volvo | VN, VNL, VNM |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## ROOF MARKER LIGHTS†

- Direct replacement for a proper fit every time
- Trouble-free replacement
- Comes with pre-attached gasket, one lamp assembly, and two screws

| | DORMAN PN | YEAR | MAKE | MODEL |
|---|---|---|---|---|
|  888-5125 | 888-5125 | 1986–2019 | IC, IC Corporation, International | |
|  888-5527 | 888-5406 | 1997 - 2014 | Peterbilt | 377, 379, 382, 384, 385, 386, 387, 567, 587 |
| | 888-5527 | 2008 - 2017 | Volvo | VN, VNL, VNM |

## 36® SERIES LED FLEX-LITE MARKER LIGHTS†

- Winged housing provides option for mounting around radius corners
- Provides solution that requires no mounting brackets or screws
- Lamps adhere directly to application surface through use of heavy-duty adhesive backing, with an easy-to-install, peel-off liner
- Polycarbonate lens
- Over-molded hot-melt housing/substrate with 20 gauge wire

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  36115R | 36115R | Red Lamp, Rear Exit Wires, 3 Led |
|  36115Y | 36115Y | Yellow Lamp, Rear Exit Wires, 3 Led |
| | 36100R | Red Lamp, Side Exit Wires, 3 Led |
| | 36100Y | Yellow Lamp, Side Exit Wires, 3 Led |
| | 36110R | Red Lamp, Rear Exit Wires, 3 Led |
| | 36110Y | Yellow Lamp, Rear Exit Wires, 3 Led |

## 36® SERIES DUAL-FUNCTION LED FLEX-LITE MARKER LIGHTS†

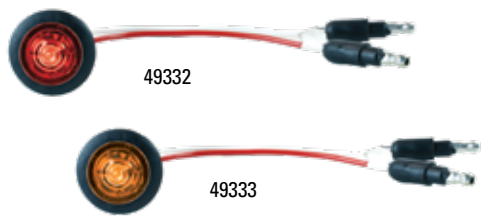
- Lamps operate in minor and major output levels; major function activated by the brake function or turn signal
- Yellow Major function is 3 times brighter than minor function
- Red Major function is 7 times brighter than minor function

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  36203Y 36203R | 36203R | Red Lamp, 3 LED |
| | 36203Y | Yellow Lamp, 3 LED |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOT LED CLEARANCE MARKER LIGHTS†

- No fasteners required
- Outperforms all legal requirements
- Standard .180 male bullet termination
- Voltage Amp: 12V / .05A




| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 49342 | Red PC Rated Lamp, 1 LED | 33275R |
| 49343 | Yellow PC Rated Lamp, 1 LED | 33275Y |
| 49322 | Red P2 Rated Lamp, 1 LED | 33250R |
| 49323 | Yellow P2 Rated Lamp, 1 LED | 33250Y |
| 49332 | Red PC Rated Grommet Kit, 1 LED | 33075R |
| 49333 | Yellow PC Rated Grommet Kit, 1 LED | 33075Y |

## LED CLEARANCE MARKER LIGHTS†

- No exposed fasteners
- Hermetic lens-to-housing seal
- Housing Material: Polycarbonate/PVC
- Voltage Amp: 12V / .05A




| GROTE PN | DESCRIPTION |
|---|---|
| 47962 | Red w/ Grommet |
| 47963 | Yellow w/ Grommet |

## 2-1/2" ROUND LED LOW PROFILE MARKER LIGHTS†

- Polycarbonate lens, housing and flange
- PVC grommet
- 16 gauge wire




| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 47232 | Red Lamps, 8 LED | 10385R |
| 47233 | Yellow Lamps, 8 LED | 10385Y |
| 47232 | Red Lamps, 8 LED | 10286R |
| 47233 | Yellow Lamps, 8 LED | 10286Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 2-1/2" ROUND LED HIGH PROFILE MARKER LIGHTS†

- Polycarbonate lens, housing and flange
- PVC grommet
- 16 gauge wire


47372

47373

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| | 47232 | Red LED Lamps, 8 LED | 10375R |
| | 47233 | Yellow LED Lamps, 8 LED | 10375Y |
| | 47372 | Red Lamp & Gray Flange, 8 LED | 10379R |
| | 47273 | Yellow Lamp & Gray Flange, 8 LED | 10379Y |
| | 47232 | Red LED Lamp, 8 LED | 10275R |
| | 47233 | Yellow LED Lamp, 8 LED | 10275Y |
| | 47372 | Red LED Lamps & Gray Flange, 8 LED | 10279R |
| | 47373 | Yellow LED Lamps & Gray Flange, 8 LED | 10279Y |

## 2-1/2" ROUND LED MARKER LIGHTS†

- Standard lamp has 2 diodes, Omni-Volt lamp has 3 diodes
- Polycarbonate lens, housing and flange
- PVC grommet
- 16 gauge wire


G1033 G1032 47123 47122


47472


47473

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| | 47472 | Red LED Grommet Kits | 10050R |
| | 47473 | Yellow LED Grommet Kits | 10050Y |
| | 47122 | Red Lamp | 10250R |
| | 47123 | Yellow Lamp | 10250Y |
| | 43372 | Red LED Lamp & Gray Flange | 10251R |
| | 43373 | Yellow LED Lamp & Gray Flange | 10251Y |
| | G1032 | Red 13 LED | 1050 |
| | G1033 | Yellow 13 LED | 1050A |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 2-1/2" ROUND MARKER LIGHTS†, SEALED

- Shock-mount extends bulb life
- Meets PC requirements on a 45° angle using all mounting devices
- Standard PL-10 connection
- Polycarbonate lens and housing
- 16 gauge wire




| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 45832 | Red Lamp | 10208R |
| 45833 | Yellow Lamp | 10208Y |
| 78343 | Yellow Lamp, "ABS" Horizontal Logo | 10212Y |

## 2-1/2" ROUND & BEEHIVE MARKER LIGHTS†, SEALED

- Replaces Signal-Stat 1010 and 1011 series
- Standard PL-10 connection
- Polycarbonate lens and housing
- Meets PC requirements on a 45° angle in mounting devices #10708, #10720, #00803 or #00804
- 16 gauge wire




| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| — | 2.5" M/C Lamp & Grommet Kit Amb | — |
| — | 2.5" M/C Lamp & Grommet Kit Red | — |
| 45812 | Red, 12V | 10202R |
| 45813 | Yellow, 12V | 10202Y |
| 45811 | Clear, 12V | 10202C |
| 45832 | Red reflectorized Lamp | 10205R |
| 45833 | Yellow reflectorized Lamp | 10205Y |
| — | 2.5" Beehive M/C Lamp Amb | — |
| — | 2.5" Beehive M/C Lamp Red | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 2" ROUND LED SERIES HIGH PROFILE MARKER LIGHTS†

- Polycarbonate lens, housing and flange
- PVC grommet
- 16 gauge wire
- 8 light emitting diodes (LEDs)


G1092 46133

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G1092 | Red LED Lamp | 30275R |
| G1093 | Yellow LED Lamp | 30275Y |
| 46132 | Red LED Lamp | 30375R |
| 46133 | Yellow LED Lamp | 30375Y |
| 46142 & 67050 | Red LED Lamp and Gray Flange | 30279R |

## 2" ROUND LED LOW PROFILE MARKER LIGHTS†

- Polycarbonate lens, housing and flange
- PVC grommet
- 16 gauge wire

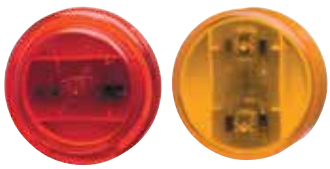

47112

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G3022 | Red Lamp, 6 LED | 30285R |
| G3023 | Yellow Lamp, 6 LED | 30285Y |
| 47112 | Red Lamp, 6 LED | 30385R |
| 47113 | Yellow Lamp, 6 LED | 30385Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 2" ROUND LED MARKER LIGHTS†

- OmniVolt® products operate equally in electrical systems that range from 10 to 30 volts
- Polycarbonate lens, housing and flange
- 16 gauge wire



47112 47113

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 47112 | Red, 12V Lamp, 2 LED | 30250R |
| 47113 | Yellow, 12V Lamp, 2 LED | 30250Y |
| 47112 & 43150 | Red, 12V Lamp & Gray Flange, 2 LED | 30251R |
| 47113 & 43150 | Yellow, 12V Lamp & Gray Flange, 2 LED | 30251Y |

- Unique combination of colored LEDs w/ clear lens draws attention to lamp only when lit
- Electronics completely sealed in epoxy to resist corrosion and moisture
- Standard PL-10 connection
- Not suitable for PC requirements
- Polycarbonate lens and housing



G3003 G3002

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G3002 | Red Lamp, 10 LED | 3050 |
| G3003 | Yellow Lamp, 10 LED | 3050A |
| — | Red Lamp w/ Clear Lens, 10 LED | 3051 |
| — | Yellow Lamp w/ Clear Lens, 10 LED | 3051A |

## 2" ROUND M/C LIGHTS†, SEALED

- "ABS" version complies with FMVSS 108 requirement for ABS malfunction indicator lamp on trailer and ABS braking systems
- Lamp designed for PC requirements on a 45° angle in mounting devices #30720, #00801, #00803, #00804 or surface mount flange
- Standard PL-10 connections
- Replaces Signal-Stat 1030 series
- Polycarbonate lens and housing
- 15,000 hr rated 12V bulb life



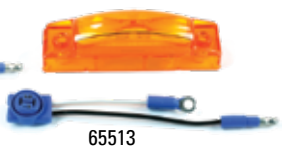
45062

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 45062 | Red, Grommet Kit | 30503R |
| 45822 | Red 12V Lamp | 30200R |
| 45823 | Yellow 12V Lamp | 30200Y |
| G1093 | Yellow, Vertical 12V Lamp w/ ABS Logo | 30257Y |
| 78333 | Yellow, Horizontal 12V Lamp w/ ABS Logo | 30230Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED MARKER LIGHTS†, SEALED

- Must be mounted horizontally
- Optional gaskets to improve seal between lamp and body
- Requires Fit 'N Forget connection
- Not suitable for PC requirements
- Polycarbonate or acrylic lens and housing
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  47242  47243  65512  65513 | 65512 | Red Kit, 1 LED | 35001R |
| | 65513 | Yellow Kit, 1 LED | 35001Y |
| | 47242 | Red Lamp, 1 LED | 35200R |
| | 47243 | Yellow Lamp, 1 LED | 35200Y |

## LED MARKER LIGHTS†, SEALED

- Slim 3/4" wide design makes lamp perfect solution for narrow rail designs
- SAE PC rated for combination clearance/marker applications
- Requires Fit 'N Forget connection
- Must be mounted horizontally
- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  47462 | 47462 | Red Lamp, 5 LED | 35375R |
| | 47463 | Yellow Lamp, 5 LED | 35375Y |

## RECTANGULAR MARKER LIGHTS†, SEALED

- Fits in most narrow header rails
- Mount vertically or horizontally
- Uses standard PL-10 connection
- Snap-lock tabs allow quick and easy installation
- Polycarbonate lens and housing
- 16 gauge wire
- 15,000 hr rated bulb life

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  46412  46413 | 46412 | Red Lamp | 15200R |
| | 46413 | Yellow Lamp | 15200Y |
| | — | Yellow, w/ "ABS" Logo | 15203Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR LED MARKER LIGHTS†

- PC rated lamps meet requirements when mounted on a 45˚ angle
- Must be mounted horizontally
- Polycarbonate lens and housing



G1902 G1903

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G1902 | Red LED P2 male pin Lamp | 19250R |
| G1903 | Yellow LED P2 male pin Lamp | 19250Y |
| — | Red LED P2 Lamp w/ Fit 'N Forget Connection | 19350R |
| — | Yellow LED P2 Lamp w/ Fit 'N Forget Connection | 19350Y |
| — | Red LED PC Lamp w/ Fit 'N Forget Connection | 19375R |
| — | Yellow LED PC Lamp w/ Fit 'N Forget Connection | 19375Y |

- Standard male pin connection
- Not recommended for PC applications
- Encapsulated electronics
- Polycarbonate lens and housing



G1902 G1903

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G1902 | Red Lamp, 4 LED | 1960 |
| G1903 | Yellow Lamp, 4 LED | 1960A |

## RECTANGULAR†, SEALED

- Designed to fit in limited mounting areas such as narrow header rails
- Can be mounted vertically or horizontally, suitable for PC requirements on 45˚ angle
- Standard male pin connection
- Snap-lock tab installation
- Polycarbonate lens and housing
- 16 gauge wire
- Two-bulb design




78393

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 45473 | Red Lamp | 19200R |
| 45473 | Yellow Lamp | 19200Y |
| 78393 | Yellow Lamp, w/ "ABS" Logo | 19205Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR LED MARKER LIGHTS†

- PC rated lamps have 8 diode pattern
- Reflex lamps have 1 diode (red) and 2 diode (yellow) pattern
- Polycarbonate or acrylic lens and housing
- 16 gauge wire


47162


47163


47073


47072

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| G2102-5 | Red LED PC Rated Kit | 21075R |
| G2103-5 | Yellow LED PC Rated Kit | 21075Y |
| 47162 | Red LED PC Rated Lamp | 21275R |
| 47163 | Yellow LED PC Rated Lamp | 21275Y |
| 47072 | Red LED P2 Kits w/ Reflex | 21051R |
| 47073 | Yellow LED P2 Kits w/ Reflex | 21051Y |
| 47072 | Red LED P2 Lamps w/ Reflex | 21251R |
| 47073 | Yellow LED P2 Lamps w/ Reflex | 21251Y |

## RECTANGULAR M/C LAMP†

- Suitable for PC requirements on a 45˚ angle with additional reflectors
- Kits available for Utility Trailer #03-5100-0-097/8 replacement
- Acrylic lens
- 16 gauge wire


46083


46082


46833


46832

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 46832 | Red Lamp Kit | 21001R |
| 46833 | Yellow Lamp Kit | 21001Y |
| 46082 | Red Reflectorized Kit | 21002R |
| 46083 | Yellow Reflectorized Kit | 21002Y |
| 46832 | Red Lamp | 21200R |
| 46833 | Yellow Lamp | 21200Y |
| 46072 | Red Reflectorized Lamp | 21201R |
| 46073 | Yellow Reflectorized Lamp | 21201Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR MARKER LIGHTS†, SEALED

- Suitable for PC requirements on a 45° angle with additional reflectors
- Polycarbonate lens and housing



46872



PT2100A

PT2100R

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 46872 | Red Lamp w/ Reflex | 29203R |
| 46873 | Yellow Lamp w/ Reflex | 29203Y |
| — | Rect M/C Kit Reflex Amb | — |
| — | Rect M/C Kit Reflex Red | — |
| — | RectM/C, Sealed, Red | — |
| — | RectM/C, Sealed, Amber | — |

## SHOCK/MOUNT TWO BULBS†, BULB REPLACEABLE

- Two #194 1213 shock-mount bulbs
- Lamp meets requirements with only one bulb, and if one burns out, the other remains lit
- Hardwired design w/ blunt cut ends
- Acrylic snap-on lens
- Permastat housing



*46792*



*46793*

| GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|
| 46792 | Red Lamp | 1211 |
| 46793 | Yellow Lamp | 1211A |

## LED DOUBLE BULLSEYE MARKER LIGHTS†

- 1″ × 4″
- 12V w/ potted circuit board
- Hardwired design w/ blunt cut ends
- Polycarbonate lens and housing



*G4603*



*G4602*

| GROTE PN | DESCRIPTION |
|---|---|
| G4602 | Double Bullseye M/C Amb 2 LED |
| G4603 | Double Bullseye M/C Red 2 LED |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## OVAL SHOCK-MOUNT TWO BULB MARKER LIGHTS†, BULB REPLACEABLE

- Two #193 bulbs
- Acrylic snap-on lens
- ABS housing

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  1259  1259A | 1259 | Red Lamp |
| | 1259A | Yellow Lamp |

## RECTANGULAR MARKER LIGHTS†, SEALED

- Features snap-in lamp with reflector
- Not suitable for PC requirements
- Uses standard PL-10 connection
- Polycarbonate reflectorized lens and housing, PVC grommet
- Incandescent

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  45232 | 45232 | Red Lamp | 14200R |
| | 45233 | Yellow Lamp | 14200Y |

## ALUMINUM MARKER ID BAR ASSEMBLY†

- Designed to fit applications requiring minimal space
- Draws less current, allowing more power for other vehicle requirements
- Slim 1" width is perfect for upper rail mounting
- Polycarbonate lens and housing
- Extruded aluminum bar
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  49122 | 49122 | Red Kit ID Bars — 6" Centers/17" Length | 35740R |
| | — | Yellow Kit ID Bars — 6" Centers/17" Length | 35740Y |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 3/4" ROUND LED LICENSE†

- US Patent #5,943,798
- Hardwired lamp design easily retrofitted, with only a 1-3/16 mounting hole required for grommet installation (33705 grommet)
- When mounted into a module, all wires are hidden inside module, protecting against damage from corrosion
- Top and side plate mounting options, no bracket required
- Polycarbonate lens, housing and flange, EPDM grommet and 18 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60651  60721 | 60651 | Clear Lamp, 1 LED | 33210C |
| | 60721 | Clear, Grommet Kit, 1 LED | 33010C |

## RECTANGULAR LED LICENSE LIGHT†

- US Patent #5,943,798
- Meets SAE J587 and European ECE Regulations 4
- Hardwired design w/adapter plug for quick changeover
- Product designed to fit in bracket #00820, #15729, #15730, #15732 or #15736
- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60421 | 60421 | Clear Lamp | 15205 |

## RECTANGULAR LICENSE LIGHT KITS† & BRACKETS

- Features snap-fit mount for quick installation and easy replacement
- Bracket may be surface mounted or used with bracket, #42722
- Polycarbonate bracket

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  *60460* *60681* *60691* | 60691 | LED Lamp and Black Bracket Kit | 15041 |
| | 60681 | LED Lamp and Gray Bracket Kit | 15040 |
| | 60460 | Incandescent Lamp and Gray Bracket Kit | 15011 |
| | — | Black Bracket | 15730 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR LICENSE & UTILITY LIGHT†, SEALED

- 1-1/4"W × 2-1/2"L
- Replaces Signal-Stat 1502W
- High impact polycarbonate sonically sealed lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60261 | 60261 | Clear Lamp | 15208 |
|  60271 | 60271 | Clear Lamp | 15200C |

- Long life 15,000 hour bulbs
- License or utility applications
- Replaces Signal-Stat 1901W
- Polycarbonate lens and housing
- Two bulbs design

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60691 | 60291 | Clear Lamp | 19206 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LICENSE LIGHT†, BULB REPLACEABLE

- Ideal for license, instrument or step lighting
- Surface mounts, grounds through screw
- Replaces Signal-Stat 431W
- Steel housing with bulb #67

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60151 | 60151 | Clear Lamp | 26330 |

- Similar to lamp used on GM vehicles
- Two lamps required for license plate illumination
- Rubberized electrical plug
- Replaces Signal-Stat 436W
- Steel housing with bulb #67
- Hardwired

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60251 | 60251 | Clear Lamp | 26336 |

- Snap-fit design uses 1-1/4” diameter hole
- Commonly used to illuminate license plate on step bumpers, also ideal for courtesy map and instrument lighting
- Two units required for license illumination
- Replaces signal-Stat 430W
- Hardwired

| | GROTE | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60101-5 | 60101-5 | Clear Lamp | 26331 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 4" ROUND LED BACK-UP LIGHTS†

- Surpasses back-up specifications with 1 lamp, eliminating 2 lamp systems
- Not recommended for dome lamp use
- Polycarbonate lens, housing and flange
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  62101  62401 | 62101 & 92511 & 66862 | Clear, Gray Flange | 44344C |
| | 62401 & 67013 | Clear | 44350C |

## 4" ROUND LED BACK-UP LIGHTS†

- Uses standard right angle PL-2 connection
- Two lamps required for back-up
- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  62691  PTL4019W | 62691 | Clear Lamp, 24 LED | 4060C |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 4" ROUND BACK-UP LIGHTS†, SEALED

- Vibration sealed
- Shock mounted bulb extends life
- Not recommended for dome use
- Replaces Signal-Stat 4041W and 4047W
- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  62271  PT4000W | 62271 | Clear Lamp | 40204 |

## 6" OVAL LED BACK-UP LIGHTS†

- Uses standard right angle PL-2 connection
- Two lamps required for back-up
- Polycarbonate lens and housing

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  62751 | 62751 | Clear Lamp LED | 6060C |

## 6" OVAL BACK-UP LIGHTS†, SEALED

- High impact polycarbonate lens and housing are vibration welded
- Heavy duty shock mounted bulb
- Not recommended for dome use
- Replaces Signal-Stat 4071W

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  62251  62231 | 62251 | Clear Lamp | 60204C |
| | 62231 | Clear Grommet Kit | 60004C |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED DOME LIGHTS†

- Lower profile than competitive lamps, mounts in 1" deep pocket
- Flicker free lighting in all temperatures
- Movement is determined by changes in heat, up to 10' away
- Nearly flush mount, .1" protrusion
- Polycarbonate lens
- White powder coat die cast aluminum housing
- 6" harness, blunt cut 14 AWG SXL wire
- Designed at 7V-16V, 2A, 950 lumens

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  61261  61F61 | 61261 | Clear Lamp, 10 LED | 80251C |
| | 61F61 | Clear Lamp w/ Motion Sensor, 10 LED | 80255C |

## UTILITY LAMPS†, SEALED

- Lens and housing are sonically sealed
- Replaces Signal-Stat 1010W
- High impact polycarbonate construction

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  45811 | 45811 | 2-1/2" Clear Lamp | 10202C |

- High impact polycarbonate construction
- Lens and housing are sonically sealed
- 15,000 hour rated bulb life
- Replaces Signal-Stat 1030W

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  45821 | 45821 | 2" Clear Lamp | 30200C |

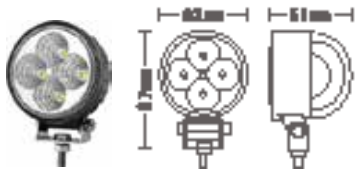
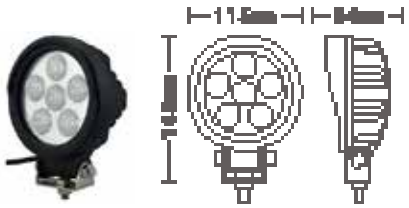
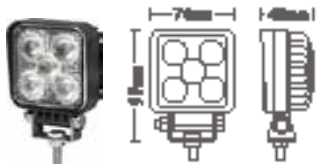
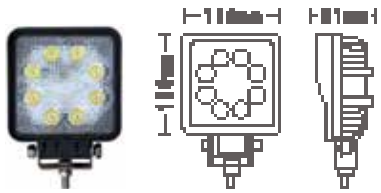
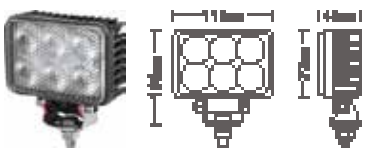
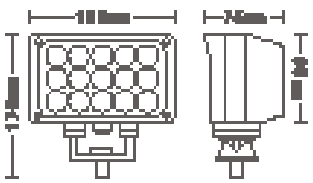
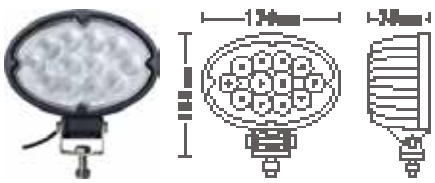
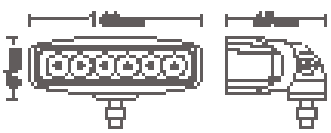
- High impact polycarbonate sonically sealed lens and housing
- Features 15,000 hour long life bulb
- Two bulb design

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  60301 | 60301 | Clear Lamp | 19200C |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED FLOOD WORK LAMPS† — HD VALUE

- IP67
- 12-30VDC
- Color Temperature: 6000K

| | HD VALUE PN | DESCRIPTION |
|---|---|---|
|  HDV080103 | HDV080103 | • 3" LED Small Round Work Lamp 4 LED<br>• 12W; Size: 83*76*109 mm; 840 Lumens Flux; Working Life: 30,000 Hours |
| HDV080105  | HDV080105 | • 5" LED Large Round Work Lamp 6 LED<br>• 18W Size: 115*115*64 mm; 920 Operating Lumens; Working Life: 30,000 Hours |
|  HDV080203 | HDV080203 | • 3" LED Small Square Work Lamp 5 LED<br>• 15W; Size: 99*74*48 mm; 5 LEDs; 800 Operating Lumens; Working Life: 30,000 Hours; Working Temperature: -40~ 85 |
| HDV080204  | HDV080204 | • 5" LED Large Square Work Lamp 8 LED<br>• 24W; Size: 110*110*51 mm; 8 LEDs; 1250 Operating Lumens; Working Life: 30,000 Hours; Working Temperature: -40~ 85 |
|  HDV080334 | HDV080334 | • 3" LED Small Rectangle Work Lamp 6 LED<br>• 18W; Size: 111*106*49 mm; 6 LEDs; 920 Operating Lumens; Working Life: 30,000 Hours |
| HDV080346  | HDV080346 | • 7" LED Large Rectangle Work Lamp 15 LED<br>• 45W; Size: 158*95*75 mm; 15 LEDs; 2300 Operating Lumens; Working Life: 30,000 Hours |
|  HDV080447 | HDV080447 | • 7" LED Large Oval Work Lamp 12 LED<br>• 36W; Size: 176*159*76 mm; 12 LED; 2500 Operating Lumens; Working Life: 50,000 Hours |
|  HDV080506  | HDV080506 | • 6" LED Slim Bar Work Lamp 6 LED<br>• 18W; Size: 160*68.5*51 mm; 1200 Operating Lumens; Working Life: 30,000 Hours |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED ROUND FLOOD LAMPS†

- 4.57"× 4.57"× 1.89" (5.04" high including bracket)
- 12-24VDC / 1.1A
- CE, R10 / 2-year warranty
- Aluminum heatsink housing
- Acrylic lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  E92004 | E92004 | Six 3W LEDs — Flood Light | 800 Raw, 700 Effective Lumens |

- 4.96"× 4.96"× 2.91"× 2.2" (6.18" high including bracket)
- 12-24VDC / 0.9A
- IP67 / 1-year warranty
- Rubber PAR36 housing
- Polycarbonate lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  E92013 | E92013 | Six 3W LEDs — Flood Light | 650 Raw, 600 Effective Lumens |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# WORK LAMPS

## LED WORK LAMPS†

- 12V lamp operates at full brightness between 8.5V and 16V, over-voltage protection at 17V-18V
- Mounts on one 5/16" stud
- Die cast aluminum housing, polycarbonate lens and stainless steel hardware
- 18 gauge wire

| | TRUCK-LITE PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  81360 | 81360 | Lamp, 12V Work Lamp w/ Black Finish, 6 LED | 500 Lumens |

## MULTI-PURPOSE LED FLOOD LAMP w/ RUBBER HOUSING†

- U.S. Patent #D572856, #000795034, #122406, trademark #3483147
- Durable synthetic rubber housing resists corrosion
- Polycarbonate lens
- Designed to operate in extremely cold temperatures
- 16 gauge wire
- 16 watts

| | TRUCK-LITE PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  81260 | 81260 | Multi-Purpose Flood Lamp, 6 LED | 250 Lumens |

## LED FLOOD LAMPS†

- 2.6"× 2.6"× 4.3"× 2.6" (3.9" high including bracket)
- 12-24VDC / 0.9A
- IP67, CE / 2-year warranty
- Can be connected vertically or horizontally
- Magnesium alloy housing and polycarbonate lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  | EW2401 | Four 3-watt LEDs, Flood Light | 600 Raw, 550 Effective Lumens |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED FLOOD LAMPS†, continued

- 4.33"× 4.33"× 4.33"× 2.2" (5.04" high including bracket)
- 12-24VDC / 1.6A
- CE / 2-year warranty
- Aluminum heatsink housing
- Acrylic lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  E92006 | E92006 | Nine 3W LEDs, Flood Light | 1350 Raw, 1250 Effective Lumens |

- 4.33"× 4.33"× 3.3"× 1.81" (5.04" high including bracket)
- 12-24VDC / 1.1A
- CE / 2-year warranty
- Aluminum heatsink housing
- Acrylic lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  E92007 E92007-MG | E92007 | Five 3W LEDs, Flood Light, Permanent Mount | 750 Raw, 700 Effective Lumens |
| | E92007MG | Five 3W LEDs, Flood Light, Magnet Mount | 750 Raw, 700 Effective Lumens |

- 4.9"× 4.33"× 4.3"× 2.2" (5.4" high including bracket)
- Aluminum heatsink housing
- 12-24VDC / 1.8A
- IP67 / 3-year warranty
- Polycarbonate lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  EW2101 2101A | EW2101 | Nine 3W LEDs, Flood Light, Clear | 1750 Raw, 1650 Effective Lumens |
| | EW2101A | Nine 3W LEDs, Flood Light, Amber | 1750 Raw, 1650 Effective Lumens |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED FLOOD LAMPS†, continued

- Die cast aluminum w/ cooling fins
- Variable voltage 12-36V — potted circuit board
- Advanced technology diodes are most vibration resistant
- IP69K

| | GROTE PN | DESCRIPTION | LUMENS | TRUCK-LITE PN |
|---|---|---|---|---|
|  63611 | 63611 | 9 Surface Mount Diodes, Flood Pattern | 1400 Effective Lumens | 8160 |
| | — | 9 Surface Mount Diodes, Flood Pattern | 2160 Effective Lumens | — |

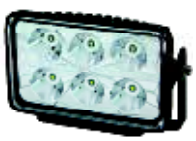
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## RECTANGULAR LED FLOOD† & SPOT LAMPS†

- 2.4"× 4.4"× 2.2" (3.5" high including bracket)
- 12-24VDC / 1.3A
- IP67, CE, R10 / 2-year warranty
- Aluminum heatsink housing
- Polycarbonate lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  | EW2411 | Six 3W LEDs, Flood Light | 1000 Raw, 900 Effective Lumens |

- 4.2"× 6.6"× 2.5" (4.9" high including bracket)
- 12-24VDC / 2.8A
- CE / 3-year warranty
- Aluminum heatsink housing
- Toughened glass lens

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  EW2300  EW2301 | EW2300 | Six 10W LEDs, Spot Light | 3100 Raw, 2700 Effective Lumens |
| | EW2301 | Six 10W LEDs, Flood Light | 3050 Raw, 2650 Effective Lumens |

## MAGNETIC RECHARGEABLE LED WORK LAMP†

- 12-24VDC
- IP67, CE
- Rechargeable lithium battery
- Aluminum heatsink housing
- Polycarbonate lens
- Also available in Camo (EW2461-CAMO)

| | ECCO PN | DESCRIPTION |
|---|---|---|
| EW2461  | EW2461-NA | Five 3-watt LEDs, Flood Light |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SQUARE LED FLOOD SPOT LAMPS†

- 5.2"× 4.3"× 3.3"× 2.6" (8.1" high including bracket)
- 12-24VDC / 2.2A
- 3-year warranty
- On/Off switch
- 360° stainless steel rotation axis
- Removable handle (reinforced nylon)
- Aluminum heatsink housing
- Polycarbonate lens
- Available in magnet mount (supplied with cigarette cord)

| | ECCO PN | DESCRIPTION | LUMENS |
|---|---|---|---|
|  EW  V2451 | EW2450 | Nine 3-watt LEDs, Spot Light | 1400 Raw, 1200 Effective Lumens |
| | EW2451 | Nine 3-watt LEDs, Flood Light | 1350 Raw, 1100 Effective Lumens |

## PAR 36 HALOGEN WORK LAMPS†

- Sealed lamp with glass lens
- Hardwired wiring design
- Polyvinyl chloride housing
- Incandescent
- 2.73A / 12V

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 64  | 64931 | 5" Multi Purpose Lamp | 80360 |

- Includes mounting hardware
- Mounts on one 5/16"-18 stud
- TPE housing
- Glass lens
- 18 gauge wire
- 12V @ 8.3A
- 100W, 110,000 cp

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
| 80374  | 80374 | Spot Lamp |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 4"× 6" HALOGEN FLOOD LAMPS†

- Polycarbonate housing
- 12V, 4.5A

| | GROTE PN | DESCRIPTION |
|---|---|---|
|  64891 | 64891 | 4"× 6" Flood Lamp |
| | 63231-5 | 4"×6" Trapezoid Lamp |

## UNIVERSAL MOUNTS†

- Durable synthetic rubber housing resists corrosion
- Includes mounting hardware
- Universal mount uses one 5/16"-18 stud
- Contains one glass rectangular sealed halogen beam with two right angle terminals
- TPR housing, glass lens and 18 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  63181-5  63201-5 | 63181-5 | Work Lamp / Bulb: #H9411/80206 4.2A, 50W, 5,400 cp | 80394 |
| | 63201-5 | Wide Flood Lamp / Bulb: #H9406/80205 4.2A, 50W, 1,350 cp | 80396 |

## SEALED BEAM LAMP SPECIFICATIONS†

| | PN | PRIMARY APPLICATION | VOLTS | WATTS | BASE | FILAMENT | LUMENS | MAXIMUM OVERALL LENGTH IN/MM | MAXIMUM OVERALL DIAM. IN/MM | AVERAGE LIFE HOURS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **LED SEALED BEAM** | | | | | | | | | |
|  LED Sealed Beam 4411 LED | 4411LED | Long Life LED Tractor Lamp | 9-32 | 6 | 2 MP (Blade and Screw) | LED | 400 | 2.75/70 | 4.5/114.3 | 15,000 |
| | **A-19 ROUGH SERVICE LIGHTING** | | | | | | | | | |
|  A-19 Rough Service Lighting 75A/RS | 75A/RS | Work Lamp | 130 | 75 | E26 | C-9 | 700 | 4.44/112.8 | 2.38/60.3 | 5,000 |

Continued on following page

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SEALED BEAM LAMP SPECIFICATIONS†, continued

| ITEM | PRIMARY APPLICATION | VOLTS | WATTS | BASE | FILAMENT | MAXIMUM OVERALL LENGTH IN/MM | MAXIMUM OVERALL DIAM. IN/MM | AVERAGE LIFE HOURS |
|---|---|---|---|---|---|---|---|---|
| **ROUND SEALED BEAM PAR36** | | | | | | | | |
| 4411 | Floodlamp, 5th Wheel | 12.8 | 35 | 2 MP (Blade and Screw) | C-6 | 2.75/70 | 4.5/114.3 | 300 |
| 4416R | Spotlamp, Signal, Red | 12.8 | 30 | 2 MP (Blade and Screw) | C-6 | 2.75/70 | 4.5/114.3 | 300 |
| 4466 | Tractor, Floodlamp | 12.8 | 60 | 2 MP (Blade and Screw) | C-6 | 2.75/70 | 4.5/114.3 | 300 |
| 4509 | Aircraft Landing Spotlight | 13 | 100 | 2 MP (Blade and Screw) | C-6 | 2.75/70 | 4.5/114.3 | 25 |
| 7400 | Signal, Rotating Beacon | 12.8 | 35 | 2 MP (Blade and Screw) | C-6 | 2.75/70 | 4.5/114.3 | 300 |
| **ROUND SEALED BEAM PAR46** | | | | | | | | |
| 4537 | Aircraft Landing | 13 | 100 | 2 MP (Blade and Screw) | C-6 | 3.75/95 | 5.75/146 | 25 |
| H5006 | Headlamp, Type 2C1 | 12.8 | 35/35 | 3 Contact Lugs | C-6/C-6 | 4.0/102 | 5.75/146 | 200/320 |
| H7635 | Spotlamp | 12.8 | 50 | 2 MP (Blade and Screw) | C-6 | 3.75/95 | 5.75/146 | 100 |
| **ROUND SEALED BEAM PAR56** | | | | | | | | |
| H5024 | Heavy Duty Headlamp, Type 2D1 | 12.8 | 65/42 | 3 Contact Lugs | C-6 | | | 400/2000 |
| H6024 | Headlamp, Type 2D1 | 12.8 | 65/35 | 3 Contact Lugs | C-6/C-6 | 5.0/127 | 7.0/178 | 150/450 |
| **RECTANGULAR SEALED BEAM 100×165** | | | | | | | | |
| H4651 | Headlamp, Type 1A1 | 12.8 | 50 | 2 Contact Lugs | C-6 | 4.8/121 | 6.50/165 | 200 |
| H4656 | Headlamp, Type 2A1 | 12.8 | 35/35 | 3 Contact Lugs | C-6/C-6 | 4.8/121 | 6.50/165 | 200/320 |
| H4666 | Headlamp, Type 2E1 | 12.8 | 65/45 | 3 Contact Lugs | C-8/C-8 | 4.8/121 | 6.50/165 | 150/320 |
| H5062 | Heavy Duty Headlamp, Type 2A1 | 12.8 | 40/55 | 3 Contact Lugs | C-6 | | | 400/2000 |
| **RECTANGULAR SEALED BEAM 142×200** | | | | | | | | |
| H5054 | Heavy Duty Headlamp, Type 2B1 | 12.8 | 65/42 | 3 Contact Lugs | C-6 | | | 400/2000 |
| H6054 | Headlamp, Type 2B1 | 12.8 | 65/35 | 3 Contact Lugs | C-6/C-6 | 5.44/138 | 7.87/200 | 150/320 |
| H6054HO/ H6554 | Headlamp, Type 2B1, High Output | 12.8 | 65/55 | 3 Contact Lugs | C-8/C-8 | 5.44/138 | 7.87/200 | 150/700 |
| **RECTANGULAR SEALED BEAM 92×150** | | | | | | | | |
| H9411 | Tractor | 12.8 | 50 2 | Rt Angle Lugs | C-6 | 3.0/76 | 5.91/150 | 400 |
| H9415 | Foglamp | 12.8 | 37.5 | 2 Rt Angle Lugs | C-6 | 3.0/76 | 5.91/150 | 200 |
| H9421 | Foglamp | 12.8 | 50 | 2 Rt Angle Lugs | C-6 | 3.0/76 | 5.91/150 | 200 |



Round Sealed Beam PAR36
4411



Round Sealed Beam PAR46
H5001 or H5006



Round Sealed Beam PAR56
H6024



Rectangular Sealed Beam 100×165
H4656 or H4666



Rectangular Sealed Beam 142×200
H6054

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## HALOGEN CAPSULES†

| | PN | BASE | FILAMENT | AVG. LIFE | VOLTS |
|---|---|---|---|---|---|
| | 896 | Right Angle Prefocus, PGJ13 | C-6 | 500 | 12.8 |
| 9003 | 9003 | Headlamp, HB2 | C-8/C-8 | 250/800 | 12.8 |
| 9004LL | 9004 | Axial Prefocus, HB1, P29t | C-6/C-6 | 250/500 | 12.8/12.8 |
| | 9004LL | Long Life Axial Prefocus, HB1, P29t | C-6/C-6 | 150/850 | 12.8/12.8 |
| | 9005 | Right Angle Prefocus, HB3, P20d | C-8 | 320 | 12.8 |
| 9005 | 9005XSLL | Long Life Axial Prefocus, HB3A, P20d | C-8 | 320 | 12.8 |
| 9006 | 9006 | Axial Prefocus, HB4, P22d | C-8 | 1000 | 12.8 |
| | 9006LL | Axial Prefocus, HB4, P22d | C-8 | 1500 | 12.8 |
| | 9006XSLL | Long Life Axial Prefocus, HB4, P22d | C-8 | 1500 | 12.8 |
| 9007 | 9007 | Axial Prefocus, HB5, PX29t | C-8/C-8 | 250/500 | 12.8/12.8 |
| | 9007LL | Axial Prefocus, HB5, PX29t | C-8/C-8 | 250/1500 | 12.8/12.8 |
| 9008 | 9008 | Axial Prefocus, H13, P26.4t | C-8/C-8 | 250/1500 | 12.8/12.8 |
| | H3-55 | Mogul Screw, E39 , H3, PK22-S | Single Filament C-6 | 320 | 12 |
| H7-55LL | H7-55 | Axial Prefocus, H7, Px26d | C-8 | 550 | 12.8 |
| | H7-55LL | Long Life Axial Prefocus, H7, Px26d | C-8 | 1100 | 12.8 |
| H11-55LL | H11-55LL | Long Life Right Angle Prefocus, HB3, H11, PGJ19-2 | CC-8 | 1200 | 12.8 |

## LED AUXILIARY LIGHT†

- Provides a clean, streamlined look when installed along with Truck-Lite 27270C LED Headlamp
- LEDs are bulb-free, and offer a solid-state design, encapsulated in hardened epoxy, to resist damage caused by shock and vibration, offering as much as 50 times longer life than comparable incandescent lamps
- Die-cast aluminum housing is corrosion and impact-resistant
- Non-yellowing, impact-resistant polycarbonate lens stays clear and protects against damage from deflecting rocks and roadside debris
- Equipped with Truck-Lite 3-year limited warranty
- Plug Side One: Hardwired
- Plug Side Two: Packard Connector 12048159
- Mount Type: Grommet Mount
- Lumens: 130

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
| 80275 | 80275 | 4" LED Round Auxiliary Light, 1 LED, 12V |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED HEADLIGHTS†

- Military grade, die-cast aluminum housing and non-yellowing, polycarbonate lens offer optimum protection against damage from impact, roadside debris and other hazards
- Electronics are sealed in epoxy to resist damage from corrosion
- Hard-coated polycarbonate lens and E-coat aluminum housing
- Metalized reflector w/ encapsulated circuitry and 16-gauge wire
- 2 LED arrays operating at 9V–33V in both 12V and 24V systems

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  90941-5  90951-5 | 27270C | 7" Round LED Headlight, Multi-Volt | 27270C |
| | 27450C | 5"× 7" Rectangular LED Headlight, Multi-Volt | 27450C |

- Excellent option for light, medium and heavy-duty trucks, off-road and agricultural vehicles, classic cars, and more
- When properly mounted, exceeds FMVSS-108 and CMVSS-108 DOT requirements for high or low beam
- Durability of LEDs provide a solid-state, bulb-free headlight design that's impervious to damage from shock and vibration
- Durable housing and non-yellowing, hard-coated polycarbonate lens offer optimum protection against damage from impact, roadside debris and other hazards
- Uses standard, H4, 3-blade wiring connector
- Equipped with Truck-Lite's 3-year limited warranty
- Up to 50 times longer life than halogen technology

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  94421-5  94411-5 | 94421-5 | 4"× 6" Rectangular LED Headlight, Low Beam, 12-24V | 27640C |
| | 94411-5 | 4"× 6" Rectangular LED Headlight, High Beam, 12-24V | 27645C |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PLASTIC WEDGE BASE†


3156


3157

| | PN | BULB | BASE | FILAMENT | AVG. LIFE | VOLTS |
|---|---|---|---|---|---|---|
| | 3156 | S-8 | Single Filament — W2.5 × 16q | C-6 | 1200 | 12.8 |
| | 3057 | S-8 | Double Filament — W2.5 × 16q | C-6/C-6 | 1200/5000 | 12.8/14 |
| | 3057A | S-8 Amber | Double Filament — W2.5 × 16q | C-6/C-6 | 1200/5000 | 12.8/14 |
| | 3157 | S-8 | Double Filament — W2.5 × 16d | C-6/C-6 | 1200/5000 | 12.8/14 |
| | 3157A | S-8 Amber | Double Filament — W2.5 × 16q | C-6/C-6 | 1200/5000 | 12.8/14 |
| | 3157NA | S-8 Amber | Double Filament — W2.5 × 16q | C-6/C-6 | 1200/5000 | 12.8/14 |
| | 3357 | S-8 | Double Filament — W2.5 × 16q | C-6/C-6 | 400/5000 | 12.8/14 |
| | 3357NA | S-8 Amber | Double Filament — W2.5 × 16q | C-6/C-6 | 400/5000 | 12.8/14 |
| | 3457 | S-8 | Double Filament — W2.5 × 16q | C-6/C-6 | 400/5000 | 12.8/14 |
| | 3457NA | S-8 Amber | Double Filament — W2.5 × 16q | C-6/C-6 | 400/5000 | 12.8/14 |

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# MINI BULBS

## ASSORTED†

| | PN | BULB | BASE | FILAMENT | AVG. LIFE | VOLTS |
|---|---|---|---|---|---|---|
|  211-2 | 211-2 | T-3 | Double End Cap | C-8 | 1000 | 12.8 |
| 561  | 561 | T-3 | Rigid loop — RGLP | C-8 | 1000 | 12.8 |

## BAYONETS†

| | PN | BULB | BASE | FILAMENT | AVG. LIFE | VOLTS |
|---|---|---|---|---|---|---|
| | **MINIATURE BAYONETS** | | | | | |
|  53  1895  1816 | 53 | G-3.5 | Miniature Bayonet BA9s | C-2V | 1000 | 14.4 |
| | 57 | G-4.5 | Miniature Bayonet BA9s | C-2V | 500 | 14 |
| | 1895 | G-4.5 | Miniature Bayonet BA9s | C-2F | 2000 | 14 |
| | 1816 | T-3.25 | Miniature Bayonet BA9s | C-2V | 1000 | 13 |
| | 1889 | T-3.25 | Miniature Bayonet BA9s | C-2F | 2000 | 14 |
| | 1891 | T-3.25 | Miniature Bayonet BA9s | C-2F | 500 | 14 |
| | 1893 | T-3.25 | Miniature Bayonet BA9s | C-2F | 7500 | 14 |
| | **SINGLE CONTACT SC BAYONETS** | | | | | |
| | 1003 | B-6 | SC Bayonet BA15s | C-6 | 100 | 12.8 |
|  67  1141 | 67 | G-6 | SC Bayonet BA15s | C-6 | 5000 | 13.5 |
| | 89 | G-6 | SC Bayonet BA15s | C-6 | 750 | 13 |
| | 97 | G-6 | SC Bayonet BA15s | C-6 | 5000 | 13.5 |
| | 1141 | S-8 | SC Bayonet BA15s | C-6 | 1500 | 12.8 |
| | 1156 | S-8 | SC Bayonet BA15s | C-6 | 1200 | 12.8 |
| | 1156NA | S-8 Amber | SC Bayonet BA15s | C-6 | 1200 | 12.8 |
| | **DOUBLE CONTACT DC BAYONETS** | | | | | |
|  1142  1157 | 1004 | B-6 | DC Index Bayonet BA15d | C-6 | 200 | 12.8 |
| | 1142 | S-8 | DC Bayonet BA15d | C-6 | 1000 | 12.8 |
| | 198 | S-8 | DC Index Bayonet BA15d | C-6/ C-6 | 1200/5000 | 12.8/14 |
| | 1157 | S-8 | DC Index Bayonet BA15d | C-6/ C-6 | 1200/5000 | 12.8/14 |
| | 1157A | S-8 Amber | DC Index Bayonet BA15d | C-6/ C-6 | 1200/5000 | 12.8/14 |
| | 2057 | S-8 | DC Index Bayonet BA15d | C-6/ C-6 | 1200/5000 | 12.8/14 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GLASS WEDGE BASE†


194


904


37

| | PN | BULB | BASE | FILAMENT | AVG. LIFE | VOLTS |
|---|---|---|---|---|---|---|
| | **MINIATURE WEDGE** | | | | | |
| | 168 | T-3.25 | Wedge — W2.l × 9.5d | C-2F | 1500 | 14 |
| | 193 | T-3.25 | Wedge — W2.l × 9.5d | C-2F | 15000 | 14 |
| | 194 | T-3.25 | Wedge — W2.l × 9.5d | C-2F | 2500 | 14 |
| | 194A | T-3.25 Amber | Wedge — W2.l × 9.5d | C-2F | 2500 | 14 |
| | 904 | T-5 | Wedge — W2.l × 9.5d | C-2F | 5000 | 13.5 |
| | 906 | T-5 | Wedge — W2.l × 9.5d | C-2F | 1000 | 13 |
| | 912 | T-5 | Wedge — W2.l × 9.5d | C-2R | 1000 | 12.8 |
| | 921 | T-5 | Wedge — W2.l × 9.5d | C-2R | 1000 | 12.8 |
| | 922 | T-5 | Wedge — W2.l × 9.5d | C-2R | 200 | 12.8 |
| | **SUB-MINIATURE WEDGE** | | | | | |
| | 37 | T-1.75 | Sub. Min — W2.l × 4.9d | C-2F | 2500 | 14 |
| | 85 | T-1.75 | Sub. Min — W2.l × 4.9d | C-2F | 7000 | 28 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SNOW PLOW† & ATL LIGHT KITS†

- High impact polycarbonate and steel construction
- Features high/low beam halogen headlamps and integrated park/turn lamps
- Mounts on one 1/2"-13 stud
- Lamp functions as a snow plow, all terrain, or an off road/auxiliary light
- Kit also includes a switch
- Two vehicle harnesses run from lamps and attach with twist-type connectors
- 16-gauge wire
- Bulb: #H6545, glass sealed beam
- Bulb: #1157, S-8 DC bayonet

| | GROTE PN | DESCRIPTION |
|---|---|---|
|  63451-4 | 63451-4 | Economy, Universal, 4"× 6" Rectangular, 12V Kit |
| | 64291-4 | Universal, 4"× 6" Rectangular, 12V Kit |

- World's first heated lens LED headlight heats constantly under 10 C/50 F that prevents snow, ice, and slush build-up
- Provides a robust, LED, solid-state solution to plowing applications in need of durable lighting that can withstand shock and vibration, replacing headlights and turn signal lights blocked by the plow assembly
- Popular for utility/municipality use and more, as LED design draws less current, allowing more power for other vehicle requirements
- Advanced white LED technology reduces concerns with EMI and offers substantially longer life than comparable incandescent lights
- Pedestal light (front/park/turn) features a unique LED diode array with a full pattern appearance
- Lights are hard wired, with fully encapsulated electronics to protect from damage caused by corrosive elements and moisture
- Corrosion resistant, powder-coated aluminum housing dissipates heat efficiently
- Impact resistant polycarbonate lenses protects against damage caused by debris and other hazards.
- Headlight component is backed with Truck-Lite's 3-year limited warranty, front/park/turn light component is covered by Truck-Lite's 2-year limited warranty, and bracketry is covered by Truck-Lite's standard 1-year limited warranty

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  | 80990 | Heated Lens, Universal, LED, 7 in. Round, Snow Plow Light, 23 Diode, Polycarbonate, 12-24V, Kit |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BEACONS — LOW INTENSITY STROBE (6200 & 6410 SERIES)†

- Industrial applications
- Single flash
- Ideal for material handling equipment
- Rugged glass filled nylon base and polycarbonate lens
- Reverse polarity, voltage spike and surge protected
- 12-80VDC
- 6200 Series: CE, R10, UL, IP66/67
- 6410 Series: CE, R10; UL
- Warranty: 2 years strobe, 6 months flashtube




| ECCO PN* | DIMENSIONS | AMPS /JOULES / FPM | MOUNT |
|---|---|---|---|
| 6220X | 5.5″ H × 3.9″ W × 2.8″ D | 0.6 / 1.5 / 85 | 2 Bolt |
| 6225X | 5.5″ H × 3.9″ W × 2.8″ D | 0.7 / 2 / 85 | 2 Bolt |
| 6226X | 5.5″ H × 2.83″ D | 0.7 / 2 / 85 | 1/2″ Pipe |
| 6410X | 3.9″ H × 5.1″ D | 0.3 / 1.5 / 70 | 3 Bolt |
| 6410X-MG | 3.9″ H × 5.1″ D | 0.3 / 1.5 / 70 | Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## BEACONS — SAE CLASS I ROTATOR (5800® SERIES)†

- Twist-on lens secures with a locking screw
- Polycarbonate base
- 55W halogen bulb
- 12V
- SAE J845 Class I
- CE, R10, R65 (5810, 5813, 5816 only)
- Warranty: 1 year rotator, 90 days bulb


5813A

| ECCO PN* | DIMENSIONS | AMPS /JOULES / FPM | MOUNT |
|---|---|---|---|
| 5810X | 8.2″ H × 5.3″ D | 4.9 / 195 | DIN Pole |
| 5813X | 5.7″ H × 6.0″ D | 4.9 / 195 | 3 Bolt |
| 5813X-MG | 5.7″ H × 6.6″ D | 4.9 / 195 | Magnet |
| 5816X | — | 4.9 / 195 | 1 Bolt Flexi |
| 5840A | 7.0″ H × 6.0″ D | 6.7 / 160 | 3 Bolt (high profile) |
| 5850A | 9.4″ H × 6.0″ D | 6.7 / 160 | DIN Pole (high profile) |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, R = Red (5840 & 5850 Amber only)

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BEACONS — SAE CLASS II STROBE (6500 SERIES)†

- Double or quad flash
- Basic multi-purpose strobe
- Robust reinforced polypropylene base
- Thread-on polycarbonate lens and snap-fit flashtube
- Shock-resistant circuit board mounting incorporates 5 support points
- 12-48V / 2.4A
- SAE J1318 Class II (A, B, C & R only)
- CE, R10
- Warranty: 2 years strobe, 6 months flashtube
- Flashtube: R6501FT



6550A



6570A

| ECCO PN* | PROFILE | DIMENSIONS | FPM | MOUNT |
|---|---|---|---|---|
| 6550X | Low | 4.8" H × 6.5" D | 80 Double or 65 Quad | 3 Bolt / 1" Pipe |
| 6570X | Medium | 6.7" H × 6.5" D | 80 Double or 65 Quad | 3 Bolt / 1" Pipe |
| 6550X-VM | Low | 4.8" H × 6.5" D | 80 Double | Vacuum-Magnet |
| 6570X-VM | Medium | 6.7" H × 6.5" D | 80 Double | Vacuum-Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## BEACONS — SAE CLASS II STROBE (6600 SERIES)†

- Die-cast aluminum base is coated against corrosion and designed for vibration resistance and heat dissipation
- Shock resistant circuit board housing incorporates 7 support points
- Thread-on polycarbonate lens and snap-fit flashtube
- 12-24V / 2.2A
- 65 FPM
- SAE J1318 Class II (A, B, C & R only)
- CE, R10
- Warranty: 2 years strobe, 6 months flashtube



6650A-VM

6650A



6670A

| ECCO PN* | PROFILE | DIMENSIONS | MOUNT |
|---|---|---|---|
| 6650X | Low | 4.8" H × 6.5" D | 3 Bolt / 1" Pipe |
| 6670X | Medium | 6.7" H × 6.5" D | 3 Bolt / 1" Pipe |
| 6690X | High | 7.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| 6650X-VM | Low | 4.8" H × 6.5" D | Vacuum-Magnet |
| 6670X-VM | Medium | 6.7" H × 6.5" D | Vacuum-Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BEACONS — SAE CLASS II STROBE (6700 SERIES)†

- Double or quad flash
- Encapsulated electronics for severe vibration applications
- 6710/20 = Reinforced polypropylene base
- 6750/70 = Aluminum base/diagnostic indicator
- Thread-on polycarbonate lens and snap-fit flashtube
- 75/65 FPM
- SAE J1318 Class II (A & C only)
- CE, R10, IP66 (6750/6770 only)
- Warranty: 2 years strobe, 6 months flashtube


6710A


6750A 6750C

| ECCO PN* | PROFILE | DIMENSIONS | FPM | MOUNT |
|---|---|---|---|---|
| 6750X** | Low | 4.8″ H × 6.5″ D | 12-24 / 2.6 | 3 Bolt / 1″ Pipe |
| 6770X** | Medium | 6.7″ H × 6.5″ D | 12-24 / 2.6 | 3 Bolt / 1″ Pipe |
| 6710X | Low | 7.9″ H × 6.5″ D | 12-48 / 1.3 | 3 Bolt / 1″ Pipe |
| 6720X | Medium | 4.8″ H × 6.5″ D | 12-48 / 1.3 | 3 Bolt / 1″ Pipe |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

** Features i.beam® flash technology to monitor circuit board and flashtube operation

## SAE CLASS III STROBE† — GENERAL PURPOSE

- 5″ base diameter × 3-5/8″ high
- Flash rate 60 per minute


PT5001A

| ECCO PN | DESCRIPTION | REPLACEMENT LENS |
|---|---|---|
| — | Permanent Mount — 2 Joule | PT5001A-LN |
| — | Replacement Flash Tube | — |
| 6410A-MG | Magnetic Mount w/Lighter Cord | PT5001A-LN |
| 6465A | LED Permanent Mount Light | PT5001A-LN |

## SAE CLASS III STROBE — MATERIAL HANDLING†

- Polycarbonate base
- Flash rate 60 per minute


PT5005A

| ECCO PN | DESCRIPTION | REPLACEMENT LENS |
|---|---|---|
| 6220A | Permanent Mount — 2 Joule | PT5005A-LN |
| — | Replacement Flash Tube | — |
| 6262A | LED Permanent Mount Light | PT5005A-LN |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SAE CLASS I — ROTATOR MINI BARS†

- 15-1/4"H × 8-1/4"W × 5-1/2"D
- Two 12V / 55W halogen bulbs
- SAE Class I
- Gear driven parabolic reflectors w/ center diamond reflector

| | ECCO PN | DESCRIPTION | REPLACEMENT LENS |
|---|---|---|---|
| PT5215A  | 5315A | Permanent Mount | PT5215A-LN |
| | — | Magnetic Mount w/ Lighter Cord | PT5215A-LN |

## MINIBARS — SAE CLASS I, 15" ROTATOR (5135 SERIES)†

- Low profile lightbar
- Vacuum-magnet version features 17' straight cigarette cord w/ plug
- Polycarbonate low profile lens
- Two 55W halogen bulbs
- 12V / 11A
- 480 FPM
- SAE J845 Class I (A, B & R only)
- CE, R10, IP54
- Warranty: 2 years minibar, ECCOLIFE Belt, 90 days bulb

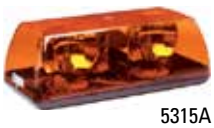
| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
|  5135A | 5135X | 4.5" H × 15.75" W × 8.27" D | 3 Bolt / 1" Pipe |
|  5135A-VM | 5135X-VM | 5.1" H × 15.75" W × 8.27" D | Vacuum-Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## MINIBARS — SAE CLASS I, 15" ROTATOR (5315 SERIES)†

- Polycarbonate base and dome
- Self-lubricating heavy-duty motor and gear assemblies
- Magnet version features 4 factory fitted magnets and 17' straight cigarette cord with plug
- Vacuum magnet version features 2 factory fitted vacuum magnets and 17' straight cigarette cord w/ plug
- 12V / 8.6A
- 24V / 8.6A (5325A only)
- 300 FPM
- SAE J845 Class I (12V only)
- 5315, A/B/R certified to California Title 13
- Warranty: 2 years minibar, 90 days bulb



5315A



5315A-VM

| ECCO PN | DOME* | FILTER | DIMENSIONS | MOUNT |
|---|---|---|---|---|
| 5315A | Amber | Clear/Clear | 5.8" H × 15.7" W × 8.3" D | Permanent |
| 5325A | Amber | Clear/Clear | 5.8" H × 15.7" W × 8.3" D | Permanent |
| 5315CAA | Clear | Amber/Amber | 5.8" H × 15.7" W × 8.3" D | Permanent |
| 5315A-MG | Amber | Clear/Clear | 5.8" H × 15.7" W × 8.3" D | Magnet |
| 5315A-VM | Amber | Clear/Clear | 6.2" H × 15.7" W × 8.3" D | Vacuum-Magnet |
| 5315CAA-VM | Clear | Amber/Amber | 6.2" H × 15.7" W × 8.3" D | Vacuum-Magnet |

* Clear dome with amber, clear and red filters
** Amber, blue, clear and red domes with clear filters

## BEACONS — SAE CLASS I LED (7160 SERIES)†

- Reflective LED modules, 15 flash patterns
- Hi/Lo intensity and synchronization capable
- Aluminum base
- 12-24VDC / 2.0A
- SAE J845 Class I
- California Title 13, CE, e IP66 (7160/7160CA only)
- 5-year warranty



7160A-VM

7160A

7160CA-VM

7160CA

| ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|
| 7160X* | 3.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| 7160X-VM* | 3.9" H × 6.5" D | Vacuum-Magnet |
| 7160CA** | 3.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| 7160CA-VM** | 3.9" H × 6.5" D | Vacuum-Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red
** CA models = Clear lens / Amber illumination

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BEACONS — SAE CLASS I LED (7460 SERIES)†

- Eight 3W LEDs and a parabolic reflector
- Pulse8 (eight flash per cycle) flash pattern
- Overhead heatsink design allows for unobtrusive pipe mounting with flange removed
- SAE J845 Class I (A, B, CC & R only); SAE J845 Class II (CA only)
- CE, IP67
- 5-year warranty

| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
| 7460A  | 7460X | 3.1" H × 6.4" D | Bolt Flange / 1" Pipe |
| | 7460CX** | 3.1" H × 6.4" D | Bolt Flange / 1" Pipe |
| | 7460X-VM | 3.1" H × 6.4" D | Vacuum Magnet |
| | 7460CX-VM** | 3.1" H × 6.4" D | Vacuum Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red
** CX models = Clear lens / Specify color

## BEACONS — SAE CLASS I LED (7900 SERIES)†

- Encapsulated electronics for severe vibration applications (7975/7980 only)
- Aluminum base
- 11 flash patterns
- 12-24VDC / 2.8A
- SAE J845 Class I
- 2-year warranty

| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
| 7965A  '965A-VM  | 7965X | 4.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| | 7965X-VM | 4.9" H × 6.5" D | Vacuum-Magnet |
| 7970  970A-VM  | 7970X | 6.7" H × 6.5" D | 3 Bolt / 1" Pipe |
| | 7970X-VM | 6.7" H × 6.5" D | Vacuum-Magnet |
| 7975A  7980A  | 7975X** | 4.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| | 7980X** | 6.7" H × 6.5" D | 3 Bolt / 1" Pipe |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red
** Severe vibration

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BEACONS — SAE CLASS II LED (7900 SERIES)†

- Encapsulated electronics for severe vibration applications (EB7930/EB7935 only)
- Reinforced polypropylene base
- 11 flash patterns
- 12-48VDC / 2.5A
- SAE J845 Class II
- 2-year warranty

| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
|  7945A  945A-VM | 7945X | 4.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| | 7945X-VM | 4.9" H × 6.5" D | Vacuum-Magnet |
| 7950A   7950A-VM | 7950X | 6.7" H × 6.5" D | 3 Bolt / 1" Pipe |
| | 7950X-VM | 6.7" H × 6.5" D | Vacuum-Magnet |
|  EB7930A EB793  | EB7930X** | 4.9" H × 6.5" D | 3 Bolt / 1" Pipe |
| | EB7935X** | 6.7" H × 6.5" D | 3 Bolt / 1" Pipe |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

** Severe vibration

## BEACONS — SAE CLASS III LED (6465 SERIES)†

- Industrial applications
- Pulse8 (8 flashes per cycle) flash pattern
- Reinforced nylon base
- Ideal for material handling equipment
- 12-80VDC / 2.7A / 70 FPMx8
- SAE J845 Class III
- CE, R10, UL (6465 only)
- 3-year warranty

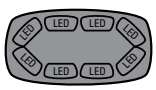
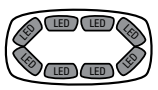
| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
| 6465  6465X | 6465X | 3.9" H × 5.6" D | 3 Bolt |
| | 6465X-MG | 3.9" H × 5.6" D | Magnet |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## MINIBARS — SAE CLASS II LED, 15" (5580 REFLEX® SERIES)†

- 2.5" H × 15.0" W × 9.0" D
- 3.1" H w/ vacuum-magnet
- 18 flash patterns
- 3-year warranty
- 12-24VDC
- Cigarette plug adapter w/ on/off and flash pattern switches

| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
|  5580A  5580A-VM | 5580A | Amber, CE, R10, IP65 (5580A/CA) | 4 Bolt |
| | 5580CA | Clear Lens, Illuminates Amber, CE, R10, IP65 (5580A/CA) | 4 Bolt |
|  Amber  Illuminates Amber | 5580A-VM | Amber, CE, R10 (5580A-VM/CA-VM) | Vacuum-Magnet |
| | 5580CA-VM | Clear Lens, Illuminates Amber, CE, R10 (5580A-VM/CA-VM) | Vacuum-Magnet |

## MINIBARS — SAE CLASS I LED, 15" (5585 & 5590 REFLEX® SERIES)†

- Reflective and TIR Optic (5590 only) LED modules to optimize focused front / rear warning and wide-angle side warning
- Synchronization capable

| | ECCO PN* | DIMENSIONS | MOUNT |
|---|---|---|---|
|  5590A | 5585A | Amber, CE, R10, IP65, 5.1A | 4 Bolt |
| | 5585CA | Illuminates Amber, CE, R10, IP65, 5.1A | 4 Bolt |
| | 5585A-VM | Amber, CE, R10, 5.1A | Vacuum-Magnet |
| | 5585CA-VM | Illuminates Amber, CE, R10, 5.1A | Vacuum-Magnet |
|  5590A-VM | 5590A | Amber, CE, R10, IP65, 6.0A | 4 Bolt |
| | 5590CA | Illuminates Amber, CE, R10, 6.0A | 4 Bolt |
|  5590CA | 5590A-VM | Amber, CE, R10, IP65, 6.0A | Vacuum-Magnet |
| | 5590CA-VM | Illuminates Amber, CE, R10, 6.0A | Vacuum-Magnet |

## DIRECTIONAL LEDS — SAE CLASS I SURFACE MOUNT†

- Compact high-intensity LED warning signal
- Synchronization capable
- In-line waterproof driver module
- SAE J595 Class I
- 5-year warranty

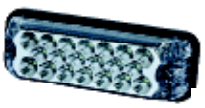
| | ECCO PN* | DIMENSIONS | DESCRIPTION | MOUNT |
|---|---|---|---|---|
|  3510 | 3510X | 1.45" H× 3.67" W × 0.46" D | • 16 Flash Patterns<br>• 12-24VDC / 0.75A<br>• California Title 13, CE, e | 2 Bolt |
|  3715 | 3715X | 1.5" H × 5.1" W × 1.48" D | • 9 Flash Patterns<br>• 12VDC / 0.3A<br>• CE, e, R10, IP67 | 2 Bolt |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DIRECTIONAL LEDS — SAE CLASS I SURFACE / GROMMET MOUNT†

- 7 flash patterns, synchronization capable
- Encapsulated electronics extend product life
- 12-24VDC / 0.4A
- CE, R10
- 3-year warranty

| | BOLT MOUNT ECCO PN* | GROMMET MOUNT ECCO PN* | DIMENSIONS |
|---|---|---|---|
|  3811  3861 | 3811X | 3861X | 2.1″ H × 5.9″ W × 1.2″ D |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## DIRECTIONAL LEDS — SAE CLASS I GROMMET MOUNT†

- Fits standard rear lighting grommet
- 8 flash patterns
- 12VDC / 0.5A
- 1-year warranty

| | ECCO PN* | GROMMET | DIMENSIONS |
|---|---|---|---|
|  3945 | 3945X | Round | 5.19″× 1.25″ |
| 3965  | 3965X | Oval | 5.19″× 7.44″× 1.5″ |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## DIRECTIONAL LEDS — SAE CLASS II SURFACE MOUNT†

- 3730: 14 flash patterns / 5-year warranty / 12-24VDC / 0.3 amps / synchronization capable
- 3735: 11 flash patterns / 1-year warranty / 12VDC / 0.3 amps
- Encapsulated electronics extend product life
- 2-bolt mount
- CE, R10, IP67

| | 14 FLASH ECCO PN* | 11 FLASH ECCO PN* | DIMENSIONS |
|---|---|---|---|
| 3730  | 3730X | 3735X | 1.3″ H × 3.7″ W × 1.5″ D |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DIRECTIONAL LEDS — SAE CLASS I DUAL COLOR SURFACE MOUNT†

- Dual color warning
- 12 high-intensity LEDs, six of each color
- 11 flash patterns synchronization capable
- 12-24VDC / 0.9A
- 2-bolt mount
- SAE J595 Class I
- California Title 13, R65, R10
- 3-year warranty

| | ECCO PN | DESCRIPTION | DIMENSIONS |
|---|---|---|---|
|  | ED3766AX* | Amber | 1.07" H × 6.38" W × 1.48" D |
| | ED3766RB | Red/Blue | 1.07" H × 6.38" W × 1.48" D |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## DIRECTIONAL LEDS — HIDE-A-LED™ — CONCEALED WARNING LEDS†

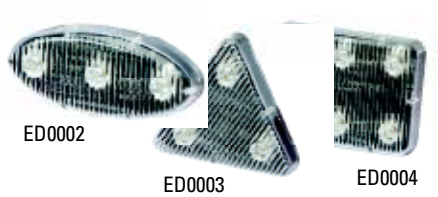
- Head / tail light applications
- 16 flash patterns, synchronization capable
- In-line waterproof driver module with 9' cable
- 2-bolt mount
- 9021: 5-year warranty
  9014: 2-year warranty

| | ECCO PN* | DESCRIPTION | DIMENSIONS |
|---|---|---|---|
|  9021  9014 | 9021X | • 4 LED / 2 Heads / CE, R10<br>• 12-24VDC / 1.0A | 1.06" H × 1.5" D |
| | 9014X | • 6 LED / 1 Head / CE, R10, IP67<br>• 12-24VDC / 0.9A<br>• In-headlight or Surface Mountable | 0.9" H × 1.5" D<br>Bezel: 1.65" H × 2.3" D |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

## DIRECTIONAL LEDS — STICK-A-LED™ — SELF-ADHESIVE MOUNT†

- Quad flash
- Single hole installation
- Tough polycarbonate base and lens
- Self-adhesive peel and stick backing
- CE, R10, IP66
- 1-year warranty

| | ECCO PN* | DESCRIPTION | DIMENSIONS |
|---|---|---|---|
|  ED0002 ED0003 ED0004 | ED0002X | Oval / 12-24VDC / 0.6A, 3 LED | 1.0" H × 2.4" W × 0.4" D |
| | ED0003X | Triangle / 12-24 VDC / 0.6A, 3 LED | 1.7"H × 1.9"W × 0.4"D |
| | ED0004X | Rectangle / 12-24VDC / 0.75A, 6 LED | 1.6" H × 2.1" W × 0.4" D |

* NOTE: Replace X in part number with desired color: A = Amber, B = Blue, C = Clear, G= Green, R = Red

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SAFETY DIRECTOR — SAE CLASS I LED (3410 SERIES)†

- 1.9" H × 48.1" W × 2.5" D
- Unobtrusive interior or exterior mounting
- Soft touch controller with flash pattern display and auxiliary switch
- Includes signal bar, controller and cable
- Nine flash patterns
- 20A auxiliary relay included
- 12VDC / 1.6A
- SAE J595 Class I
- CE, R10
- 3-year warranty

| | ECCO PN | SYSTEM COMPONENTS |
|---|---|---|
|  3410  3410CB | 3410A | Amber 15' Cable |

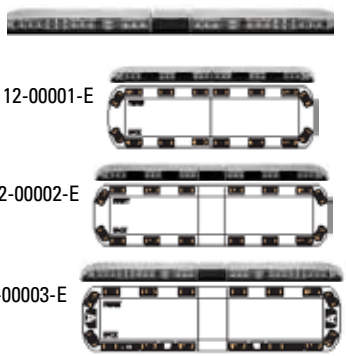
## SAFETY DIRECTOR — SAE CLASS I LED (ED3300 SERIES)†

- 12" H × 48.5" W × 2" D
- 3.6" H × 5.9" W × 0.7" D (Controller)
- Soft touch controller with flash pattern display and auxiliary switch
- Nine flash patterns
- Interior or exterior mounting
- Includes signal bar, controller and cable
- 20A auxiliary relay included
- 12-24VDC / 2.4A
- SAE J595 Class I
- California Title 13, R10
- 3-year warranty

| | ECCO PN | SYSTEM COMPONENTS |
|---|---|---|
| ED3300   3410CB | ED3315A | Amber 15' Cable |
| | ED3335A | Amber 35' Cable |
| | ED3355A | Amber 55' Cable |

## LIGHTBAR — SAE CLASS I LED LIGHTBAR (12 SERIES)†

- 24 flash patterns
- Aluminum chassis, polycarbonate base and lens
- SAE J845 Class I
- California Title 13, CE, R10

| | ECCO PN | DESCRIPTION | |
|---|---|---|---|
|  EZ0006*  12-00001-E 12-00002-E 12-00003-E | 12-00001-E | 12-24VDC / 7.2A | 48" / 16 LEDs |
| | 12-00002-E | 12-24VDC / 7.2A | 54" / 16 LEDs |
| | 12-00003-E | 12-24VDC / 7.2A | 60" / 16 LEDs |
| | 12-00005-E | 12-24VDC / 11.0A | 54" / 16 LEDs, 2 WL, 2 AL, 2 STT |
| | 12-00006-E | 12-24VDC / 11.0A | 60" / 16 LEDs, 2 WL, 2 AL, 2 STT |

* OPTIONAL CONTROLLER (EZ0006): Provides convenient and easy control of the 24 built-in flash patterns and auxiliary LED modules (where applicable). Each lightbar is shipped with "controller ready" wiring for fast, easy installation.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## 6" OVAL LED STROBE LIGHTS†

- Metalized reflector version offers more intense focused light
- Non-metalized version offers wider viewing angle
- Dual or quad flashing patterns
- Meets recommended SAE J1318 and J845 photometric specifications
- Mounts horizontally or vertically
- Lamp life rated at 100,000 hours
- Resistance to shock and vibration
- Fit 'N Forget® adapter plug provides corrosion and moisture resistance
- Polycarbonate lens, housing and PVC grommet
- 16 gauge wire

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  60120 | 60120Y | Yellow 36 LED Grommet Kits w/ Metalized Reflector |
| | 60122Y | Yellow 36 LED Grommet Kits w/ Non-Metalized Reflector |

## OVAL LED FLASH STROBE — CLASS II†

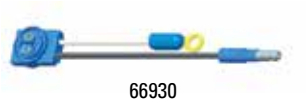
- Lamps mount in any orientation
- Lamps fit oval standard mounting holes
- Functions as either a dual flash strobe or a quad flash strobe

| | GROTE PN | DESCRIPTION |
|---|---|---|
| | 77361 | Clear |
|  77363 | 77362 | Red |
| | 77363 | Yellow |
| | 77365 | Blue |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED MARKER CLEARANCE PLUGS†

- Keeps water, salt and other corrosives from LED lamps
- 16 gauge GPT wire
- Tin plated brass bullets/ receptacles

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  66930 | 66930 | 1 Ground — 4.5"<br>2 M/C — 5" | #6 Ring Terminal, White<br>.180 Molded Bullet, Black | 94862 |
| | 66930 | 1 Ground — 4.5"<br>2 M/C — 5" | #6 Ring Terminal, White<br>.180 Molded Bullet, Black | 94718 |
|  66931 | 66931 | 1 Ground — 5"<br>2 M/C — 5" | .180 Molded (Slim) Bullet, White<br>.180 Molded (Slim) Bullet, Black | 97005 |

## MARKER CLEARANCE SOCKET ASSEMBLY†

- For use with 18300R/Y and 25760 bulb replaceable lamps
- Bulb not included
- 18 gauge wires

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
| 68380  | 68380 | 1 Ground — 12"<br>2 M/C — 12" | #10 Ring Terminal, White<br>12/32" Wire Strip, Black | 94940<br>(Cream) |

## PLUG†

- For use with Super 21 incandescent lamps
- 16 gauge GPT wire, tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  66360 | 66360 | 1 M/C — 12" | 6/32" Wire Strip, Black | 96930 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## MARKER CLEARANCE PLUGS†

- For use in space limited areas
- 16 gauge GPT wire; tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  66850 | 66850 | 1 Ground — 7″<br>2 M/C — 6.5″ | White / #6 Ground Terminal<br>Black / 6/32″ Wire Strip | 94902 |

## RIGHT ANGLE MARKER CLEARANCE PLUG†

- Right angle design for use in space limited areas
- 16 gauge GPT wire; tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  67050 | 67050 | 1 Ground — 6.5″<br>2 M/C — 6.5″ | White / #10 Ring Terminal<br>Black / 6/32″ Wire Strip | 94924 |

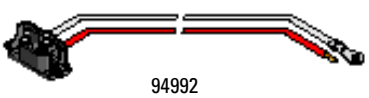
## STRAIGHT STOP/TURN PLUG†

- For use with single function sealed incandescent stop/turn lamps
- 16 gauge GPT wire; tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  67010 | 67010 | 1 Ground — 11″<br>2 Tail — 11″ | White / #10 Ring Terminal<br>Red / 6/32″ Wire Strip | 94925 |

## RIGHT ANGLE STOP/TURN PLUG†

- For use with single function sealed incandescent stop/turn lamps
- 16 gauge GPT wire; tin plated brass terminals

| | TRUCK-LITE PN | DESCRIPTION | |
|---|---|---|---|
|  94992 | 94992 | 1 Ground — 10-1/2″<br>2 Tail — 10-1/4″ | White / #10 Ring Terminal<br>Red / 6/32″ Wire Strip |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## LED STOP/TURN/TAIL PLUG†

- Keeps water, salt and other corrosives from LED lamps
- 16 gauge GPT wire; tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  66861 | 66861 | 1 Ground — 8″<br>2 Tail — 8″<br>3 Stop/Turn — 8″ | White / #10 Ring Terminal<br>Black / 6/32″ Wire Strip<br>Red / 6/32″ Wire Strip | 94707 |

## LED STOP/TURN/TAIL ADAPTER PLUG†

- Keeps water, salt and other corrosives from LED lamps
- 16 gauge GPT wire; tin plated brass terminals

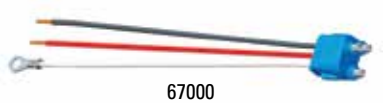
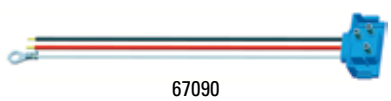
| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  66830 | 66830 | 1 Ground — 8″<br>2 Tail — 8″<br>3 Stop/Turn — 8″ | White<br>Black<br>Red | 94706* |
| | — | 1 Ground — 8-5/8″<br>2 Tail — 8-5/8″<br>3 Stop/Turn — 8-5/8″ | White<br>Black<br>Red | 94768** |

* Converts one stop/turn/tail plug into one LED Fit 'N Forget stop/turn/tail plug

** Converts one LED Fit 'N Forget stop/turn/tail plug into one incandescent — 16 gauge GPT wire

## STOP/TURN/TAIL PLUGS†

- For use with dual function sealed incandescent lamps
- 16 gauge GPT wire; tin plated brass terminals

| | GROTE PN | DESCRIPTION | | TRUCK-LITE PN |
|---|---|---|---|---|
|  67000 | 67000 | 1 Ground — 11″<br>2 Tail — 11″<br>3 Stop/Turn — 11″ | White / #10 Ring Terminal<br>Black / 6/32″ Wire Strip<br>Red / 6/32″ Wire Strip | 94926 |
|  67090 | 67090 | 1 Ground — 11″<br>2 Tail — 11″<br>3 Stop/Turn — 11″ | White / #10 Ring Terminal<br>Black / 6/32″ Wire Strip<br>Red / 6/32″ Wire Strip | 94993 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURN SIGNAL SWITCHES† — UNIVERSAL

| | VSM PN | DESCRIPTION | GROTE CROSS | TRUCK-LITE CROSS | OEM CROSS |
|---|---|---|---|---|---|
|  900  901  902  905  910  915  920  999282  01-4827-22 | 900 | Universal 7 Wire | 48072 | 900 | 01-4807-22 |
| | 901 | Universal 7 Wire | — | — | — |
| | 902 | Universal 4 Wire | — | — | — |
| | 905 | Universal 4 Wire (High/Low Beam) | — | 905 | — |
| | 910 | Universal 7 Wire (Black) | — | — | — |
| | 915 | HD Universal 11 Wire (High/Low Beam) | — | — | — |
| | 920 | Universal 8 Wire (Horn Button Feature) | — | — | — |
| | 999282 | Universal w/ Lift-to-dim | 48282 | — | — |
| | 01-4827-22 | Universal RH/LH w/ Hazard | 48272 | — | — |

## TURN SIGNAL SWITCHES† — FIT FOR NAVISTAR

| | VSM PN | OE CROSS | GROTE CROSS |
|---|---|---|---|
|  900Y114  900Y206 | 900Y114 | 175863C93 | — |
| | 900Y206 | 1663595C91 | — |
|  905Y206  915Y118 | 905Y206 | 1689991C91 | — |
| | 915Y118 | 1616317C91 | — |
|  999392  01-4844-22 | 999392 | 3544933C92 | — |
| | 01-4844-22 | 2004505C91 | 48442 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURN SIGNAL SWITCHES† — FIT FOR FREIGHTLINER


915Y108


915Y113


999124


999177


999182


999490


999491


999495


999496

| | VSM PN | OE CROSS | TRUCK-LITE CROSS | GROTE CROSS |
|---|---|---|---|---|
| | 915Y108 | 681-545-00-24 | — | — |
| | 915Y113 | A06-17126-000 | 915Y113 | — |
| | 999124 | 680-545-01-24 | — | — |
| | 999177 | 01-4811-77 | — | 48522 |
| | 999182 | 01-4811-8 | — | 48542 |
| | 999490 | A14-13495-000 | — | — |
| | 999491 | A06-22743-002 | — | — |
| | 999495 | A14-13495-005 | — | — |
| | 999496 | A06-44025-000 | — | — |

## TURN SIGNAL SWITCHES† — FIT FOR VOLVO


900Y129

915Y105


915Y117


915Y116


988172


988173


988838

| | VSM PN | OE CROSS | GROTE CROSS |
|---|---|---|---|
| | 900Y129 | 84401-0005 | — |
| | 915Y105 | 84401-3203 | — |
| | 915Y116 | 3081534<br>84401-0021 | 915Y116 |
| | 915Y117 | 3081533<br>84401-0020 | 915Y117 |
| | 988172 | 3172172 | — |
| | 988173 | 3172173 | — |
| | 988838 | 20797838 | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# TURN SIGNAL SWITCHES

## TURN SIGNAL SWITCHES† — FIT FOR MACK

| | VSM PN | OE CROSS | GROTE CROSS |
|---|---|---|---|
|  900Y73 | 900Y73 | 1MR2201P2 | — |
|  900Y150 | 900Y150 | 1MR3412P2 | — |
|  901Y73 | 901Y73 | 1MR2201-P1 | — |
|  910Y601 | 910Y601 | 1MR572 | — |
|  915Y703 | 915Y703 | 1MR571 | — |
|  915Y115 | 915Y115 | 1MR4290 | — |
|  999574 | 999574 | 1MR574 | 480402 |
|  999575 | 999575 | 1MR575 | — |
|  999578 | 999578 | 1MR578 | — |

## TURN SIGNAL SWITCHES† — FIT FOR WESTERN STAR

| | VSM PN | OE CROSS |
|---|---|---|
|  918Y116 | 918Y116 | 84401-3421 |
|  918Y994 | 918Y994 | 84401-3429 |
|  918Y998 | 918Y998 | 84401-3431 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TURN SIGNAL SWITCHES† — FIT FOR PACCAR — KENWORTH / PETERBILT

| | VSM PN | OE CROSS | TRUCK-LITE CROSS | GROTE CROSS |
|---|---|---|---|---|
|  900Y96  900Y209 | 900Y96 | K301-182 | — | — |
| | 900Y209 | K301D182 | — | — |
|  915Y103  915Y104 | 915Y103 | K301D230/ 18500D044 | 915Y103 | — |
| | 915Y104 | 16-03827 | — | — |
|  915Y114  915Y121 | 915Y114 | 16-04415 | 915Y114 | — |
| | 915Y121 | 16-05713 | 915Y114 | — |
|  915Y124  915Y704 | 915Y124 | 16-06432 | 915Y124 | — |
| | 915Y704 | K301-357 | — | — |
|  999295  999827 | 999295 | K301-295-3 | — | 48532 |
| | 999827 | 480827 | — | — |
|  999836  999839 | 999836 | 480836 | — | — |
| | 999839 | 480839 | — | — |
|  01-4813-22  01-4830-32 | 01-4813-22 | 01-4813-22 | — | 48132 |
| | 01-4830-32 | 480843 | — | 48303 |
|  01-4843-22 | 01-4843-22 | 01-4843-22 | — | 48432 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DEFLECTOR MOUNT — 2" LAMPS†

- High impact plastic deflector mount
- Allows quick and easy surface mounting of 2" diameter lamps
- Meets PC requirements on a 45° angle using standard combination lamps
- Not recommended for LED applications
- Replaces Signal-Stat 9388
- Polycarbonate mount
- PVC grommet
- 16 gauge wire

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  30405 | 30405 | Gray mount kit |
| | 30722 | Gray |

## GROMMET MOUNTS†

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
|  PT1000G PT1002G PT4000G PT6000G | 10700 | 2.5" Round Open Back Grommet |
| | 10402 | 2.5" Wide Grv Closed Back Grommet |
| | — | 3" Open Back Grommet for 2.5" Lamp Black |
| | 40700 | 4" Open Back Round Grommet |
| | — | 6" Open Back Oval Grommet |
| | 30700 | 30 Series 2" Open Back Grommet |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GROMMET MOUNTS†, continued

- Mounts in panel thickness up to .250"
- Suitable for PC requirements on a 45° angle with incandescent lamps
- Replaces Signal-Stat 9362
- PVC grommet

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 91380  | 91380 | Flush Mount Vinyl PVC Grommet | 15702 |

- Provides lamps with additional shock absorbency to extend lamp life
- Semi-closed back recommended for incandescent lamps to protect lamp and wiring while allowing heat to escape
- Flush mounts the 60 series lamps
- Mounts in up to .25 maximum thick plate
- PVC grommet
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 92420  | 92420 | Grommet | 60700 |

## GROMMET & FLANGE MOUNTS — 33® SERIES LAMPS†

- Flush mounts 3/4" diameter lamps to vehicle
- EPDM Grommet
- Snap fit grommet and flange, no screws required

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
| 33700  | 33700 | Grommet, Black |

## GROMMET MOUNTS — 2-1/2" LAMPS†

- Designed to mount on a 4.6" radius corner
- Allows lamp to be surface mounted in a grommet
- Polycarbonate bracket
- Suitable for PC requirements on a 45° angle when using LED or incandescent PC rated/combination lamps

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 43690  | 43690 | Mount | 10738 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STEEL MOUNTING BRACKETS†

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| | — | Fits 2-1/2" MC Lamps | — |
| | — | Fits 2" MC Lamps | — |
| PT3000BK PT4000BK | — | Steel Mount Bracket w/ Flange 4" | — |
| | — | Steel Mount Bracket w/ Flange 6" | — |
| PT6000BK | 43572 | Steel Mount Bracket w/0 Flange | 40719 |
| 43572 | 43572 | Steel Mount Bracket w/ Flange | 40720 |
| | 43562 | Steel Mount Bracket w/ Flange | 60720 |

## CAM-ON MOUNTS — 2" & 2-1/2" LAMPS†

- High impact plastic mount
- Branch deflector cams-on 2 and 2-1/2" lamps
- Suitable for PC requirements on a 45° angle when using LED or incandescent PC rated/combination lamps
- Requires 94924 side entry plug
- Not recommended for use with Signal-Stat LED products
- Replaces Signal-Stat 9390
- Polycarbonate mount
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 42180 | 42180 & 66850 | Gray Mount, Kit | 10410 |
| | — | Clear Mount 8-1/2" Radius | 10727 |
| | 43690 | Gray Mount | 10728 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BRANCH DEFLECTOR MOUNTS — 2-1/2" LAMPS†

- High impact plastic deflector mount
- Suitable for PC requirements on a 45° angle when using LED or incandescent PC rated/combination lamps
- Design allows surface mounting of 2-1/2" lamps
- Polycarbonate mount
- PVC grommet
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  93750 | 93750 & 67001 | Gray Mount Kit | 10414 |
| | 93750 | Gray Mount | 10725 |

## DEFLECTOR MOUNTS — MODEL 15® PRODUCTS†

- High impact plastic construction
- Permanently affixed hot and ground contacts
- Suitable for PC requirements on a 45° angle w/ incandescent lamps
- Standard 1" mounting holes
- Not recommended for use with license or LED lamps
- ABS mount
- 16 gauge wire

| | TRUCK-LITE PN | DESCRIPTION |
|---|---|---|
| 15401  | 15401 | Mount Kit |

## RAIL MOUNTS†

- Extra strength plastic construction
- Easy snap-in lamp installatin
- Suitable for PC requirements with incandescent lamps
- Incandescent lamp kits available
- ABS mount
- 16 gauge wire

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  43380 | 43380 | Mount, White | 15728 |
| | 43380 | Mount | 15414 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BASE MOUNTS†

- Features unique plug-in design for ease of installation
- Low profile extra strength base
- Suitable for PC requirements on a 45˚ angle
- Black or gray polycarbonate
- Chrome ABS mount

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
|  43850 | 43850 | Gray mount | 19720 |
| | — | Gray Mount & Hot Wire | 19721 |

## LAMP GUARDS†

- Designed for additional protection of Model 19 base mounts
- Aluminum mount designed with 3" center mounting holes
- Not suitable for PC requirements
- Optional mounting gasket available to improve seal between lamp and body

| | GROTE PN | DESCRIPTION | TRUCK-LITE PN |
|---|---|---|---|
| 43120  | 43120 | Aluminum Guard | 19724 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# SPILL PRODUCTS

## ABSORBENT / SPILL

OIL-DRI CORPORATION OF AMERICA

| | PN | DESCRIPTION | DIMENSIONS | CASE PACKAGING | PALLET QTY. | CASE WEIGHT |
|---|---|---|---|---|---|---|
|  I06032 | **CLAY ABSORBENTS** | | | | | |
| | I06032-G60* | OD Premium 32-qt Poly | — | 32-qt Bag | 60 | — |
| | I05040-G50* | OD Premium 40-qt Poly | — | 40-qt Bag | 40 | — |
| | I01050-G40* | OD Premium 50-lb Paper | — | 50-lb Bag | 40 | — |
| | I05025-G70 | QuickSorb 25-lb Bag | — | 25-lb Bag | 84 | — |
|  I05025 | I05000-G60 | QuickSorb 20-lb Pail | — | 20-lb Pail | 60 | — |
| | **SYNTHETIC ABSORBENTS** | | | | | |
| | L90902 | Universal Bonded Heavy-Weight Perforated Pads | 15″×19″ | 100 pads / box | 30 | 13.5 lb |
| | L91003 | Universal Light-Weight Perforated Pads — 200 | 15″×19″ | 200 pads / box | 30 | 17 lb |
|  I05000 | L90908 | Universal 15″×5′ Perforated Roll | 15″×10″ | 6 rolls / box | 120 | 3.5 lb |
| | L90540 | Universal Bonded Perforated Roll | 30″×150″ Perforated 15″×18″ | 1 roll / bag | 18 | 23 lb |
| | L90695 | Garage Guard 7-count w/ Display Bucket | 3′×5′ | 7 rolls / pail | 12 | 7.5 lb |
| | L90725 | Universal Bonded Drum Top Pads | 22″ Diameter | 10 pads / box | N/A | 3 lb |
|  L90902 | L90850 | Oil Only Heavy-Weight Pads — 100 | 15″×19″ | 100 pads / box | 30 | 13 lb |
| | L90904 | Oil Only Middle-Weight Smart Pad | 15″×19″ | 100 pads / box | 30 | 11.5 lb |
| | **SPILL KITS** | | | | | |
|  L90435 | L90435 | Universal 5-gallon Bucket Spill Kit | 10″×10″×15″ | 1 kit / each | 100 | 6 lb |
| | L90698 | Automotive Universal Zippered Spill Kit | 19″×4″×14″ | 1 kit / zip lock bag | 48 | 5 lb |
| | L90425 | Compact Zippered Spill Kit | 19″×4″×14″ | 1 kit / zipper bag | 48 | 4 lb |

* Selection may vary by location.

## TOWELS

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  450337 | 450137 | Tork Advanced ShopMax w/Centerfeed — White | 200 Count |
| | 450337 | Tork Advanced ShopMax w/Centerfeed — Blue | 200 Count |
| | 450360 | Blue Towels | 11″ × 47′ |
| | 5T-25 | White Thermal Knit Rags | 25 lb Box |
| | 6-25 | Colored Polo Knit Wipers | 25 lb Box |
| | 6-50 | Colored Polo Knit Wipers | 50 lb Box |
| | RED50 | Box Red Shop Towels | 50 Pk |

## HAND CLEANER

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  0957-12 | 0915-06 | Gojo® Lemon Pumice Hand Cleaner | 4.5 lb |
| | 0955-02 | Gojo® Natural Orange Pumice Hand Cleaner | 1 gal |
| | 0957-12 | Gojo® Natural Orange Pumice Hand Cleaner | 14 oz |
| | 1115-06 | Gojo® Original Formula™ Hand Cleaner | 4.5 lb |
| | 1135-06 | Gojo® Fine Italian Pumice Hand Cleaner | 4.5 lb |
| | 2354-08 | Gojo® Cherry Gel Pumice Hand Cleaner | 10 oz |
|  2358-02 | 2358-02 | Gojo® Cherry Gel Pumice Hand Cleaner | 1 gal |
| | 6298-04 | Gojo® Fast Towels Bucket | 130 ct |
| | 6396-06 | Gojo® Scrubbing Towels Bucket | 72 ct |
|  6396-06 | 6398-02 | Gojo® Scrubbing Towels Bucket | 170 ct |
| | 7200-01 | Gojo® PRO™ TDX™ Hand Cleaner Dispenser | 2L |
| | 7255-04 | Gojo® Natural Orange Pumice Hand Cleaner | 2L |
| | 7265-04 | Gojo® Multi Green® Hand Cleaner | 2L |
| | 7272-04 | Gojo® Supro Max™ Hand Cleaner | 2L |
| | 7282-04 | Gojo® Supro Max™ Cherry Hand Cleaner | 2L |
| | 7582-02 | Gojo® Supro Max™ Cherry Hand Cleaner | 5L |
| | 8142-12 | Gojo® Hand Medic® Professional Skin Conditioner | 2 oz |

## BRUSHES & BROOMS†

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  BR1105 | 2224 | Brown Plastic Broom w/ Handle | 24″ |
| | 228 | Whisk Broom Corn | 11″ |
| | BR1396 | Dip Brush Bi-Level Head w/ Aluminum Handle | 10″ |
| | 11120 | Battery Brush | — |
| | 233 | Wide Brush | 2″ |
| | 43 | Long Handle — Green Flagged Plastic | — |
| | SB1000 | Black / Blue Poly Boot Brush | — |
| | BR1100N | Nylex Straight Flow-Thru Brush Head | 10″ |
| | BR1105 | Bi-Level Flow Thru Brush Head | 10″ |
| | BR1120N | Nylex Straight Flow-Thru Brush Head | 12″ |
| | BHF485 | Fiberglass Extension Handle | 4.5″– 8″ |
| | BHF5 | Fiberglass Handle w /Metal Tip | 5′ |
|  BHF513 | BHF513 | Fiberglass Extension Handle | 5′ – 13′ |
| | BHF6 | Fiberglass Handle w/ Metal Tip | 6′ |
| | EC1SC | Long Handle Scraper w/ Brush | 14″ |
| | 19520 | Super Deluxe Snowbrush w/ Scraper | 22″ |
| | 2610XB | Extender Snowbroom | 48″ |
| | BR100 | Squeegee w/ 20″ Handle | 10″ wide |
| | 14021 | Empty Trigger Bottle | — |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TAPES

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
| | **DUCT TAPE** | | | |
|  HDVTE4-0113 | HDVTE4-0113 | 4.8cm × 50M Duct Tape | 1.9″ × 55 yd | HD Value |
| | 06976 | Duct Tape | 2″ × 60 yd | 3M |
| | **ELECTRICAL TAPE** | | | |
|  EL60 | EL60† | Electrical Tape — Vinyl | 3/4″ × 60′ | Super Stik |
| | 06132†† | Super 33+ Vinyl Tape | 3/4″ × 66′ | 3M |
| | 06143†† | Scotch-Super 88 Premium Vinyl Tape | 3/4″ × 66′ | 3M |
| | 06138†† | Highland Plastic Tape | 3/4″ × 66′ | 3M |
| | 06133†† | Super 33+ Premium Vinyl Tape | 3/4″ × 52′ | 3M |
| | 03799†† | Scotch® Super 33+ Vinyl Tape w/ Dispenser | 3/4″ × 37.5′ | 3M |
| | 03407 | Friction Tape | 3/4″ × 20′ | 3M |
| | **MOLDING TAPE** | | | |
| | 03609 | Super Strength Molding Tape | 1/2″ × 5′ | 3M |
| | 03614 | Super Strength Molding Tape | 1/2″ × 15′ | 3M |
| | 03615 | Super Strength Molding Tape | 7/8″ × 5′ | 3M |
| | 03616 | Super Strength Molding Tape | 7/8″ × 15′ | 3M |
| | **MASKING TAPE** | | | |
| | 03431 | Automotive Performance Masking Tape | 18 mm × 32M | 3M |
| | 03433 | Automotive Performance Masking Tape | 36 mm × 32M | 3M |
| | 03435 | Automotive Performance Masking Tape | 48 mm × 32M | 3M |
| | 06301 | Fine Line Tape | 1/4″ × 60 yd | 3M |
| | 06340 | Auto Refinishing Masking Tape | 2″ × 60 yd | 3M |
| | 26340 | Refinishing Masking Tape | 2″ × 60 yd | 3M |
|  TP260 | 26334 | Refinishing Masking Tape | 18 mm × 55M | 3M |
| | **OTHER TAPE** | | | |
| | TP260 | Teflon Tape | 1/2″ × 260″ | Power Products |
| | TP520 | Teflon Tape 7420 | 1/2″ × 520″ | Power Products |
| | 19220 | Black Safety Walk Tape | 1″ × 60′ | 3M |
| | 04862 | Dual Lock™ Reclosable Fasteners | 1″ × 1″ | 3M |

## EXTENSION CORDS†††

| | PN | GAUGE | LENGTH | OUTPUTS | ACCESSORIES |
|---|---|---|---|---|---|
|  DE14G50FT3L | DE14G50FT3L | 14G | 50′ | 3 | Extension Cord Wrap |
| | DE14G100FT3L | 14G | 100′ | 3 | Extension Cord Wrap |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Reproductive Harm — www.P65Warnings.ca.gov.
†† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.
††† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FIRE EXTINGUISHERS

| | PN | DESCRIPTION | NET AGENT WT (AVG) | SHIP WT | UNIT HT | UNIT WIDTH | SHELL DIA | RATING | RETENTION BRACKET PN |
|---|---|---|---|---|---|---|---|---|---|
| | **AUTOMOTIVE** | | | | | | | | |
|  466425 | 440162MTLK | 2.5 lb ABC FC110 w/ Plastic Strap Bracket | 2.5 lb | 3.9 lb | 13-3/4″ | 4-1/2″ | 3-1/4″ | 1A:10B:C | 420118 |
| | 466423 | 2.5 lb ABC FC110M w/ Plastic Bracket w/ Metal Strap | 2.6 lb | 3.9 lb | 14-1/4″ | 4-1/2″ | 3-1/4″ | 1A:10B:C | 420118 |
| | 466425 | 5 lb ABC FC340M-VB w/ Metal Strap Bracket | 5.5 lb | 8.4 lb | 16-7/8″ | 5-3/4″ | 4-1/2″ | 3A:40B:C | 466400 |
|  440161MTLK | 440160MTLK | 2 lb BC FC5 w/ Plastic Strap Bracket | 1.5 lb | 2.35 lb | 10-15/16″ | 4-1/2″ | 3-1/4″ | 5B:C | 420118 |
| | 440161MTLK | 2.75 lb BC FC10 w/ Plastic Bracket w/ Metal Strap | 2.9 lb | 3.9 lb | 14-5/16″ | 4-1/2″ | 3-1/4″ | 10B:C | 420118 |
| | 466422 | 2.75 lb BC FC10M w/ Plastic Bracket w/ Metal Strap | 2.9 lb | 4.38 lb | 14-1/4″ | 4-1/2″ | 3-1/4″ | 10B:C | 466401 |
| | **PRO LINE™ MULTI-PURPOSE** | | | | | | | | |
| | 46622701 | 2.5 lb ABC w/ Metal Vehicle Bracket | 2.6 lb | 3.9 lb | 14-1/4″ | 5 5/16″ | 3-1/4″ | 1A:10B:C | 466401 |
|  466141MTLK | 46611201 | 5 lb ABC w/ Metal Vehicle Bracket | 5.5 lb | 9 lb | 16-5/16″ | 7-13/16″ | 4-1/2″ | 3A:40B:C | 466400 |
| | 466204 | 10 lb ABC w/ Wall Hook | 10 lb | 16 lb | 19-1/2″ | 8-3/16″ | 5-1/4″ | 4A:60B:C | 366242 |
| | 466206 | 20 lb ABC w/ Wall Hook | 18 lb | 30 lb | 21-5/8″ | 8-5/16″ | 7″ | 6A:80B:C | 292474 |
| | **DISPOSABLE DRY CHEMICAL** | | | | | | | | |
| | 466141MTLK | 2.75 lb BC w/ Plastic Strap Bracket | 2.9 lb | 3.9 lb | 13-3/4″ | 4-1/2″ | 3-1/4″ | 10B:C | 420118 |

## FIRE EXTINGUISHER HEAVY DUTY WALL BRACKETS

| | EXTINGUISHER | STANDARD | WITH METAL STRAPS | WITH RUBBER STRAPS |
|---|---|---|---|---|
|  B417T | B417T | 817 | — | 860 |
| | B500T | 818 | 807 | 862 |
| | B402T | 818 | 807 | 862 |
| | B456 | 809 | 809 | 862 |
| | A411 | 810 | 810 | 864 |
| | B424 | 861H | 807 | 862 |
| | B441 | 809 | 809 | 862 |
| | B403T | 817 | — | 860 |
| | B409T | 818 | 807 | 862 |

## FIRE EXTINGUISHERS



| PN | DESCRIPTION | DIMENSION (H"×W"×D") | UL & ULC RATING | CAP. (LB) | DISCHARGE TIME (SEC) | SHIP WT. (LB) |
|---|---|---|---|---|---|---|
| **NOZZLE — ANODIZED ALUMINUM, 9-15 FEET INITIAL RANGE** | | | | | | |
| B417T | FM approved, optional chrome plate | 15.5×5.75×3 | 1A:10B:C | 2.5 | 10 | 5.25/5.5 |
| **HOSE AND NOZZLE — ANODIZED ALUMINUM, 12-18 FEET INITIAL RANGE** | | | | | | |
| B500T | FM approved, optional chrome plate | 15.25×7.25×4.25 | 2A:10B:C | 5 | 14 | 9.25/9.5 |
| **HOSE AND NOZZLE — ANODIZED ALUMINUM, 15-21 FEET INITIAL RANGE** | | | | | | |
| B456 | FM approved, optional chrome plate | 20×7.75×5 | 4A:80B:C | 10 | 20 | 18 |
| A411 | FM approved | 38×24×10.25 | 10A:120B:C | 20 | 30 | 38 |
| **HOSE AND NOZZLE — CHROME PLATED BRASS, 12-18 FEET INITIAL RANGE** | | | | | | |
| B424† | | 15.5×8×4.25 | 2A:10B:C | 5 | 14 | 10.5 |
| **HOSE AND NOZZLE — CHROME PLATED BRASS, 15-21 FEET INITIAL RANGE** | | | | | | |
| B441† | FM approved, optional chrome plate | 20.5×8.75×5 | 4A:80:B:C | 10 | 20 | 19 |
| **REGULAR — NOZZLE, ANODIZED ALUMINUM, FM APPROVED, OPTIONAL CHROME CYLINDER** | | | | | | |
| B403T | 9–15' initial range | 15.5×5.75×3 | 10B:C | 2.5 | 10 | 5.5 |
| B409T | 12–18' initial range | 15.25×5.5×4.25 | 10B:C | 5 | 10 | 9.25 |

## FIRST AID KITS



| PN | DESCRIPTION |
|---|---|
| 6025 | Poly Case First Aid Kit — 80 Piece |
| 6025-01 | Metal Case First Aid Kit — 90 Piece |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DISPOSABLE GLOVES

| | PN | DESCRIPTION | MIL | SIZE |
|---|---|---|---|---|
| | **NITRILE POWDER-FREE** | | | |
|  66516 | 66516 | Raven Powder-Free Exam Grade, Black | 6 | S |
| | 66517 | Raven Powder-Free Exam Grade, Black | 6 | M |
| | 66518 | Raven Powder-Free Exam Grade, Black | 6 | L |
| | 66519 | Raven Powder-Free Exam Grade, Black | 6 | XL |
| | 66520 | Raven Powder-Free Exam Grade, Black | 6 | XXL |
|  66573 | 66572 | Astro Grip Powder-Free, Orange Textured | 7 | M |
| | 66573 | Astro Grip Powder-Free, Orange Textured | 7 | L |
| | 66574 | Astro Grip Powder-Free, Orange Textured | 7 | XL |
| | 66575 | Astro Grip Powder-Free, Orange Textured | 7 | XXL |
| | **NITRILE POWDERED** | | | |
|  6608 | 6606 | Derma Lite Powdered, Blue | 5 | S |
| | 6607 | Derma Lite Powdered, Blue | 5 | M |
| | 6608 | Derma Lite Powdered, Blue | 5 | L |
| | 6609 | Derma Lite Powdered, Blue | 5 | XL |
| | 6610 | Derma Lite Powdered, Blue | 5 | XXL |
| | **LATEX POWDER-FREE** | | | |
|  650-1003 | 650-1001 | Dyna Grip Powder-Free Exam Grade | 7 | S |
| | 650-1002 | Dyna Grip Powder-Free Exam Grade | 7 | M |
| | 650-1003 | Dyna Grip Powder-Free Exam Grade | 7 | L |
| | 650-1004 | Dyna Grip Powder-Free Exam Grade | 7 | XL |
| | 6501-20 | Dyna Grip Powder-Free Exam Grade | 5 | S |
| | 6502-20 | Dextera Powder-Free Exam Grade | 5 | M |
| | 6503-20 | Dextera Powder-Free Exam Grade | 5 | L |
| | 6504-20 | Dextera Powder-Free Exam Grade | 5 | XL |
|  6503-20 | 6602-20 | Thickster Powder-Free Exam Grade, Blue | 14 | M |
| | 6603-20 | Thickster Powder-Free Exam Grade, Blue | 14 | L |
| | 6604-20 | Thickster Powder-Free Exam Grade, Blue | 14 | XL |
| | 6605-20 | Thickster Powder-Free Exam Grade, Blue | 14 | XXL |
| | **LATEX POWDERED** | | | |
|  6593 | 6591 | Value-Touch Powdered | 5 | S |
| | 6592 | Value-Touch Powdered | 5 | M |
| | 6593 | Value-Touch Powdered | 5 | L |
| | 6594 | Value-Touch Powdered | 5 | XL |
|  6604 | 6602 | Thickster Powdered Exam Grade, Blue | 14 | M |
| | 6603 | Thickster Powdered Exam Grade, Blue | 14 | L |
| | 6604 | Thickster Powdered Exam Grade, Blue | 14 | XL |
| | 6605 | Thickster Powdered Exam Grade, Blue | 14 | XXL |

## DISPOSABLE GLOVES, continued

| | PN | DESCRIPTION | MIL | SIZE |
|---|---|---|---|---|
| | **LATEX POWDERED, continued** | | | |
| | 66522 | Derma-Med Powdered Exam Grade | 14 | M |
| | 66523 | Derma-Med Powdered Exam Grade | 14 | L |
| | 66524 | Derma-Med Powder-Free Exam Grade, Lavender | 14 | XL |

## MECHANICS GLOVES



6652

| PN | DESCRIPTION | BRAND | SIZE | TYPE |
|---|---|---|---|---|
| 6342 | MX Slip-On Yellow Gloves | SAS | M | Synthetic Leather |
| 6343 | MX Slip-On Yellow Gloves | SAS | L | Synthetic Leather |
| 6344 | MX Slip-On Yellow Gloves | SAS | XL | Synthetic Leather |
| 640-1907 | Black Nitrile Palm 15-ga Nylon Knit Shell | SAS | S | Coated |
| 640-1908 | Black Nitrile Palm 15-ga Nylon Knit Shell | SAS | M | Coated |
| 640-1909 | Black Nitrile Palm 15-ga Nylon Knit Shell | SAS | L | Coated |
| 640-1910 | Black Nitrile Palm 15-ga Nylon Knit Shell | SAS | XL | Coated |
| 640-1911 | Black Nitrile Palm 15-ga Nylon Knit Shell | SAS | XXL | Coated |
| AG1000TML | Comfort Flex, Poly / Nitrile | Magid | L | Coated |
| AG315TL | Polyurethane Palm | Magid | L | Coated |
| AG319TL | Economy Nitrile Palm | Magid | L | Coated |
| ROC15TL | Full Nitrile Palm | Magid | L | Coated |
| 6639 | Wrinkled Finish Latex Cotton / Poly Knit | SAS | XL | Coated |
| T30PT | Dotted Cotton Canvas | Magid | L | Canvas |
| AG90T | Brown Jersey Unlined | Magid | L | Jersey |
| CH114T | Brown Jersey, Red Liner | Magid | L | Jersey |
| T1052T | Heavy Weight 10-1/2 oz Jersey | Magid | L | Jersey |
| 6652 | MX Pro Tool Black Glove | SAS | M | Pro |
| 6653 | MX Pro Tool Black Glove | SAS | L | Pro |
| 6654 | MX Pro Tool Black Glove | SAS | XL | Pro |
| AG7000TL | Spandex Back | Magid | L | Synthetic Leather |
| AG7000TXL | Spandex Back | Magid | XL | Synthetic Leather |
| AG625ET | Leather Palm, 2.5" Safety Cuff | Magid | L | Leather |
| B590ET | Thermatuf Lined Split Cowhide | Magid | L | Leather |
| T341TL | Suede, Russet, Ball & Tape | Magid | L | Leather |
| B540TXL | Grain, Ball & Tape | Magid | XL | Leather |
| 6588 | Neoprene Extended Length | SAS | | Neoprene |

## SAFETY GLASSES

| | PN | SIZE |
|---|---|---|
|  | 5120 | Worker Bees |
|  | 5330 | NSX Turbo Clear Lens |
|  | 5331 | NSX Turbo Gray Lens |
|  | 5332 | NSX Turbo Yellow Lens |
|  | 5333 | NSX Turbo Blue Lens |

| | PN | SIZE |
|---|---|---|
|  | 5334 | NSX Turbo I/O Lens |
|  | 5340 | NSX Black/Clear Poly |
|  | 5343 | NSX Black/Gray Poly |
|  | 540-0200† | Diamondbacks Black/Clear Poly |
|  | 540-0201 | Diamondbacks Black/Gray Poly |

## RESPIRATORS

| | PN | DESCRIPTION | BOX QTY | CASE QTY |
|---|---|---|---|---|
|  07048 | 07048 | Disposable N95 Particulate Mask | 20 | 8 |
| | 07185 | N95 Particulate Mask w/ Exhalation Valve | 20 | 8 |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## SAFETY VESTS



VH302

| PN | DESCRIPTION |
|---|---|
| **MESH VESTS — ECONOMY** | |
| VH101 | Orange w/ 1" Lime Stripes, Mesh Vest |
| VH302 | Lime w/ 1" White Stripes, Mesh Vest |
| **MESH VESTS — CLASS 2** | |
| 1050016 | S/M Lime Body Guard CL2 Mesh Vest |
| 1050017 | L/XL Lime Body Guard CL2 Mesh Vest |
| 1050018 | 2XL/3XL Lime Body Guard CL2 Mesh Vest |
| 1050021 | L/XL Orange Body Guard CL2 Mesh Vest |
| 1050022 | 2XL/3XL Orange Body Guard CL2 Mesh Vest |
| **MESH VESTS — CLASS 3** | |
| MS539C3XXL | 2XL Lime CL3, 2 Vertical & 2 Horizontal 2" Reflective Stripes, Pockets, Solid / Mesh |

## HARD HATS



20392KC2



20401KC2

| PN | DESCRIPTION |
|---|---|
| 20392KC2 | JS Charger White Hardhat |
| 20401KC2 | JS Charger Yellow Hardhat |

## BACK-UP ALARMS†

| | PN | SPEAKER | VOLTAGE | DB | ADDITIONAL FEATURES | BRAND |
|---|---|---|---|---|---|---|
| | **BACK-UP ALARMS** | | | | | |
|  510 | 505 | Forward | 12-24V | 87 db | | ECCO |
| | 97HDV | Forward | 12V | 97 db | | HDValue |
| | 97GP | Forward | 12-48V | 97 db | | Power Products |
| | HD97 | Forward | 12-36V | 97 db | Metal Housing | Power Products |
| | 510 | Forward | 12V | 97 db | | ECCO |
| | 210 | Forward | 12V | 97 db | Flush Mount | ECCO |
|  97GP | 530 | Forward | 12-24V | 102 db | | ECCO |
| | 107P | Forward | 12-48V | 107 db | | Power Products |
| | HD107 | Forward | 12-36V | 107 db | Metal Housing | Power Products |
| | 630N | Reverse | 12-36V | 107 db | Heavy Duty | ECCO |
| | 360 | Driver | 12-24V | 107 db | Heavy Duty | Preco |
| | 112RP | Reverse | 12-48V | 112 db | Heavy Duty | Power Products |
|  450 | 850N | Reverse | 12-36V | 112 db | Heavy Duty | ECCO |
| | 380 | Driver | 12-24V | 112 db | Heavy Duty | Preco |
| | **GROMMET MOUNTED ALARMS** | | | | | |
| | 4030 | Forward | 12V | 97 db | | Preco |
| | 435 | Forward | 12-24V | 102 db | | ECCO |
| | 450 | Reverse | 12-36V | 112 db | Heavy Duty | ECCO |
| | **SPECIALTY ALARMS** | | | | | |
|  777 | 45AA | Reverse | 12-24V | 87/107 db | Heavy Duty / Switchable DB | Preco |
| | 777 | Driver | 12-24V | 97/107/112 db | Switchable DB | ECCO |
| | DS232 | Forward | 12V | 97 db | Dual Function | Preco |
| | DF532 | Forward | 12-24V | 102 db | Dual Function | ECCO |
| | CT5302LDW | Forward | 12-24V | 102 db | Continuous Tone | ECCO |
| | 1059 | Driver | 12-24V | 87-112 db | Heavy Duty / Dual Function | Preco |
| | EA9070 | Driver | 12-24V | 87-107 db | Heavy Duty / Multi-Frequency | ECCO |
| | **SELF-ADJUSTING ALARMS** | | | | | |
|  87112RSAP | 87112RSAP | Reverse | 12-48V | 87-112 db | | Power Products |
| | SA951 | Forward | 12-48V | 77-97 db | | ECCO |
| | SA955 | Forward | 12-24V | 82-102 db | | ECCO |
| | SA901N | Reverse | 12-24V | 82-107 db | Heavy Duty | ECCO |
| | 1040 | Driver | 12-24V | 87-112 db | Heavy Duty | Preco |
| | 1059 | Driver | 12-24V | 87-112 db | Heavy Duty / Dual Function | Preco |
|  SA901N | EA9070 | Driver | 12-24V | 87-107 db | Heavy Duty / Multi-Frequency | ECCO |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## BACK-UP ALARMS†, continued

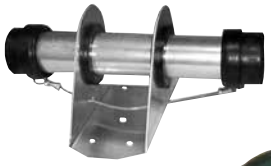
| | PN | SPEAKER | VOLTAGE | DB | ADDITIONAL FEATURES | BRAND |
|---|---|---|---|---|---|---|
|  EA5200 | **WHITE NOISE/ MULTI-FREQUENCY ALARMS** | | | | | |
| | BBS87 | Forward | 12-24V | 87 db | | Brigade |
| | BBS92 | Forward | 12-24V | 92 db | | Brigade |
| | EA5200 | Forward | 12-24V | 97 db | | ECCO |
| | BBS97 | Forward | 12-24V | 97 db | | Brigade |
| | BBS107 | Driver | 12-24V | 107 db | Heavy Duty | Brigade |
| | SABBS97 | Forward | 12-24V | 77-97 db | Self-Adjusting | Brigade |
|  202120 | EA9070 | Driver | 12-24V | 87-107 db | Heavy Duty / Self-Adjusting | ECCO |
| | **PIEZO ALARMS** | | | | | |
| | 204120 | Piezo | 12-48V | 86 db | Dual Mode | ECCO |
| | 208120 | Piezo | 12-36V | 86 db | Loud Constant | ECCO |
| | 202120 | Piezo | 12-48V | 86 db | Slow Pulse | ECCO |

## BACK-UP CAMERAS†

| | PN | DESCRIPTION | EXPANDABLE | DISPLAY |
|---|---|---|---|---|
|  K7000B | K7000B | CMOS 18 LED Infrared Camera | 2-Camera | 7.0" LCD Color |
|  EC5603-K  ED5605-WK | EC5603-K | CMOS 11 LED Touchscreen menu control | 3-Camera | 5.6" LCD Color |
| | EC5605-WK | CMOS 11 LED Touchscreen menu control, 2.4 GHz digital wireless system | 4-Camera | 7.0" LCD Color |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## CERTIFICATE HOLDERS & MANIFEST BOXES


GT1003


PH1


JK200P


JK500


JK550

| PN | DESCRIPTION |
|---|---|
| GT1003 | 9"× 1-5/8" × 4" Aluminum Tube Document Holder |
| PH1 | 5" Round Document Holder |
| PH1-COVER | PH1 Replacement Cover |
| PH1-TWIST | 5" Round Twist Lock Document Holder |
| PH1-TWISTCOVER | Replacement Lens & Seal Kit for PH1-Twist |
| JK200P | 8-3/8"×13-3/8" Manifest Box |
| JK300 | Die Cast Aluminum Document Holder |
| JK300P-LID | JK300 Replacement Lid |
| JK350 | Registration Box — Plastic 200 |
| JK500 | Poly Record Box<br>w/ Sliding Lid Waterproof Shield Design |
| JK550 | Poly Record Box —<br>Thin w/ Triple Latch Closure Versatile Mount |

## REGISTRATION / INSPECTION



1854

| PN | DESCRIPTION |
|---|---|
| 347 | Federal Motor Carrier Safety Registration Pocketbook |
| 471 | Annual Vehicle Inspection Report & Label Combo —<br>3-Ply Form w/ Carbon & Vinyl Label w/ Mylar Laminate |
| 685 | Duplicate Driver's Vehicle Inspection — 2-Ply Carbon |
| 716 | Out of Service — Maintenance |
| 723 | Triplicate Driver's Inspection |
| 1340 | Annual Vehicle Inspection Aluminum Label w/ Punch Boxes |
| 1347 | Annual Vehicle Inspection Vinyl Label w/ Punch Boxes |
| 1854 | Duplicate Driver's Vehicle Inspection — 2-Ply Carbonless |
| 2240 | Annual Vehicle Inspection Report — 2-Ply w/ Carbon |
| 2241 | Annual Vehicle Inspection Report — 3-Ply w/ Carbon |
| 3127 | Annual Vehicle Inspection Report — 2-Ply w/ Carbonless |
| 3128 | Annual Vehicle Inspection Report — 3-Ply w/ Carbonless |
| 3136 | Annual Inspection w/ Label |
| 8525 | Deluxe Duplicate Driver's Daily |
| 1279 | Annual Vehicle Inspection Label |
| DRI-97R | Annual Inspection & Decal Pkg 10 |

## CONSPICUITY TAPE



R200



RW200



RW200-18



W200



Y200



S200 / RS200 / RS200-6X6 / RS200-KC

| | PN | COLOR | SIZE | TYPE | 3M PRODUCT SERIES | 3M PN |
|---|---|---|---|---|---|---|
| | **3M™ DIAMOND GRADE™** | | | | | |
| | RW100 | 11″ Red / 7″ White | 1″ | 50 yd Roll | 983-32 | 30008 |
| | RW150 | 11″ Red / 7″ White | 1.5″ | 50 yd Roll | 983-32 | 67764 |
| | RW200 | 11″ Red / 7″ White | 2″ | 50 yd Roll | 983-32 | 67533 |
| | RW200KC | 11″ Red / 7″ White | 2″ | 50 yd Kiss Cut Roll | 983-32 | 67636 |
| | RW20018 | 11″ Red / 7″ White | 18″ | Strips | 983-32 | 67635 |
| | RW300 | 11″ Red / 7″ White | 3″ | 50 yd Roll | 983-32 | 67828 |
| | RW1506X6 | 6″ Red / 6″ White | 1.5″ | 50 yd Roll | 983-326 | 30867 |
| | RW2006X6 | 6″ Red / 6″ White | 2″ | 50 yd Roll | 983-326 | 67535 |
| | RW2006X6KC | 6″ Red / 6″ White | 2″ | 50 yd Kiss Cut Roll | 983-326 | 31031 |
| | W200 | White | 2″ | 50 yd Roll | 983-10 | 67537 |
| | W200KC | White | 2″ | 50 yd Kiss Cut Roll | 983-10 | 67639 |
| | W20012 | White | 12″ | Strips | 983-10 | 67638 |
| | R200 | Red | 2″ | 50 yd Roll | 983-72 | 67816 |
| | Y200 | Yellow | 2″ | 50 yd Roll | 983-71 | 67885 |
| | **3M™ FLEXIBLE PRISMATIC** | | | | | |
| | RS200 | 11″ Red / 7″ White | 2″ | 50 yd Roll | 963-32 | 22494 |
| | RS200KC | 11″ Red / 7″ White | 2″ | 50 yd Kiss Cut Roll | 963-32 | 22495 |
| | RS20018 | 11″ Red / 7″ White | 18″ | Strips | 963-32 | 87185 |
| | RS2006X6 | 6″ Red / 6″ White | 2″ | 50 yd Roll | 963-326 | 22497 |
| | RS2006X6KC | 6″ Red / 6″ White | 2″ | 50 yd Kiss Cut Roll | 963-326 | 22498 |
| | S200 | White | 2″ | 50 yd Roll | 963-10 | 22499 |
| | S20012 | White | 12″ | Strips | 963-10 | 29860 |

## REFLECTORS

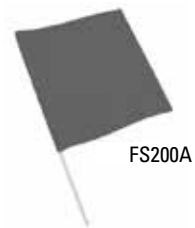
| PN | DESCRIPTION | COLOR |
|---|---|---|
| LT204R | 1-1/8″× 4-3/8″ Rectangle Reflector w/ Screw Mount | Red |
| LT204Y | | Amber |
| LT210R | 3-3/16″ Round Reflector Sticker | Red |
| LT210Y | | Amber |
| LT212R | 3-3/16″ Round Reflector w/ Screw Mount | Red |
| LT212Y | | Amber |
| LT214R | 2-3/16″ Round Reflector w/ Screw Mount | Red |
| LT214Y | | Amber |

| PN | DESCRIPTION | COLOR |
|---|---|---|
| LT216R | 2-3/16″ Round Reflector Sticker | Red |
| LT216Y | | Amber |
| LT268R | 3″ Round Reflector Sticker | Red |
| LT268Y | | Amber |
| LT244R | 3″ Round Reflector w/ Aluminum Housing & Screw Mount | Red |
| LT244Y | | Amber |
| LT222R | 4-7/16″× 1-5/16″ Oblong Reflector Sticker w/ Screw Mount | Red |
| LT222Y | | Amber |

## DECALS

| | PN | SIZE | TEXT |
|---|---|---|---|
|  CWT-1 | CWT-1 | 11.75"× 17.25 " | "Caution, This Truck Makes Wide Turns" |
| | D601 | 11.75"× 17.25" | "Caution, If You Can't See My Mirrors I Can't See You Please Stay Back" |
| | D702 | 11.75"× 17.25" | "Caution, Frequent Stops" |
| | D961 | 8.5"× 18" | "Warning, Stay Back 100 Ft" |
| | D962 | 8.5"× 18" | "This Vehicle Not Responsible For Objects Coming From Road" |
|  D702 | D963 | 11.75"× 17.25" | "Warning, Stay Back 200 Ft. Not Responsible For Broken Windshields!" |
| | RRX2 | 7.5"× 26.5" | "This Vehicle Stops At Railroad Crossings" |
| | D607 | 1.5"× 5" | "Diesel Fuel Only" |
| | D704 | 1.5"× 6.5" | "No Smoking" |
| | D706 | 2.25"× 4" | "If The Equipment Can't Work Neither Can You! Take Good Care Of It" |
|  D712 | D709 | 2.25"× 6" | "Diesel" |
| | D710 | 2.25"× 6" | "Hyd-Oil" |
| | D711 | 2.25"× 6" | "Gas" |
| | D712 | 2.25"× 4" | "Check Water & Oil Before Starting" |
| | D789 | 2.25"× 4" | "Dry Air Tank Daily" |
|  ICC101 | D991 | 2.25"× 6" | California Truck Bit Inspection |
| | DOT101 | — | USDOT Truck Number Kit for trucks and commercial vehicles |
| | GVW101 | — | Gross Vehicle Weight Truck Number Kit |
| | ICC101 | — | ICC Truck Number Kit |
| | FXI-1 | 4.5"× 6.75" | "Fire Extinguisher Inside" Red Text On White |
| | FXI-2 | 2"× 12" | "Fire Extinguisher Inside" Red Text On White |
| | FXI-2B | 2"× 12" | "Fire Extinguisher Inside" Black Text On Clear |
| | FXI-2C | 2"× 12" | "Fire Extinguisher Inside" Red Text On Clear |
| | FXI-2F | 2"× 12" | "Fire Extinguisher Inside" Red & Black On White w/ Flames |
| | FXI-4 | 2"× 14" | "Fire Extinguisher" Arrow |

## FLAGS



FS200A



FB300C



FW300C



FG300C

| | FABRIC | SAFETRUCK 12″×12″ PN | SAFETRUCK 16″× 16″ PN | SAFETRUCK 18″×18″ PN | JJ KELLER 18″×18″ PN |
|---|---|---|---|---|---|
| | **STAFF** | | | | |
| | Red Cotton | FS200A | FS200B | FS200C | 3863 |
| | Red Jersey | FS300A | FS300B | FS300C | |
| | Red Mesh | FS400AR | FS400BR | FS400CR | 3677 |
| | Flo-Orange Mesh | FS400A | FS400B | FS400C | 3703 |
| | Flo-Orange Jersey | FS700A | FS700B | FS700C | |
| | **BUNGEE** | | | | |
| | Red Jersey | | | FB300C | |
| | Red Mesh | | | FB400CR | |
| | Flo-Orange Mesh | | | FB400C | |
| | Flo-Orange Jersey | | | FB700C | |
| | **WIRE LOOP** | | | | |
| | Red Cotton | FW200A | FW200B | FW200C | 3865 |
| | Red Jersey | FW300A | FW300B | FW300C | |
| | Red Mesh | FW400AR | FW400BR | FW400CR | 3678 |
| | Flo-Orange Mesh | FW400A | FW400B | FW400C | 8601 |
| | Flo-Orange Jersey | FW700A | FW700B | FW700C | |
| | **GROMMET** | | | | |
| | Red Cotton | FG200A | FG200B | FG200C | 3864 |
| | Red Jersey | FG300A | FG300B | FG300C | |
| | Red Mesh | FG400AR | FG400BR | FG400CR | 3679 |
| | Flo-Orange Mesh | FG400A | FG400B | FG400C | 3704 |
| | Flo-Orange Jersey | FG700A | FG700B | FG700C | |

## QUICKMOUNT FLAGS & BRACKET ASSEMBLY



FZK300C



MF101

| | PN | DESCRIPTION |
|---|---|---|
| | FZA300C | 18″×18″ Red Flag Assembly |
| | FZA700C | 18″×18″ Flo-Orange Flag Assembly |
| | FZR300C | Red Replacement Flag Only |
| | FZR700C | Flo-Orange Replacement Flag Only |
| | FZB101 | Bracket Assembly |
| | MF101 | 80 lb Flag Mag w/ Hardware |
| | MF185 | 120 lb Flag Mag w/ Hardware |
| | FZK300C | EZ Mount Flag Assembly Kit — Red |
| | FZK700C | EZ Mount Flag Assembly Kit — Orange |

## WARNING SIGNS & BANNERS

SafeTruck by MS. CARITA



CWS204AZ



AVMB100



CV102

| PN | DESCRIPTION | TEXT SIZE | FRONT | BACK |
|---|---|---|---|---|
| **WOOD** | | | | |
| AWD204 | 18″×84″ | 12″ | Oversize Load | Oversize Load |
| AWR204 | 18″×84″ Reflective | 12″ | Oversize Load | |
| AWS204 | 18″×84″ | 12″ | Oversize Load | |
| CWD204PC | 12″×60″ | 10″ | Oversize Load | Oversize Load |
| CWD204 | 12″×72″ | 10″ | Oversize Load | Oversize Load |
| CWS204PC | 12″×60″ | 10″ | Oversize Load | |
| CWS204 | 12″×72″ | 10″ | Oversize Load | |
| CWS204AZ | 12″×72″ | 8″ | Oversize Load w/ Border | |
| **MAGNETIC** | | | | |
| CM104CO | 12″×60″ | 10″ | Oversize Load | |
| CM104 | 12″×72″ | 10″ | Oversize Load | |
| **ALUMINUM** | | | | |
| AA100 | 18″×30″ Two Piece Set | 12″ | Wide Load | |
| AAH104 | 18″×84″ Hinged | 12″ | Oversize Load | |
| AARH104 | 18″×84″ Reflective / Hinged | 12″ | Oversize Load | |
| CARH104CO | 12″×60″ Reflective / Hinged | 10″ | Oversize Load | |
| CAH100 | 12″×72″ Hinged | 10″ | Wide Load | |
| CA104 | 12″×72″ | 10″ | Oversize Load | |
| CAH104 | 12″×72″ Hinged | 10″ | Oversize Load | |
| **BUNGEE** | | | | |
| AVMB100 | 18″×84″ | 12″ | Wide Load | |
| CVMB104CO | 12″×60″ | 10″ | Oversize Load | |
| CVMB104 | 12″×72″ | 10″ | Oversize Load | |
| **VINYL** | | | | |
| CV102 | 12″×72″ | | Oversize Load | Wide Load |

## PLACARDS

| BRAND | PN | FEATURES | BLASTING AGENTS 1.5D | COMBUSTIBLE 3 | CORROSIVE 8 | DANGEROUS | DANGEROUS WHEN WET 4 | EXPLOSIVES 1.4 | FLAMMABLE 3 | FLAMMABLE GAS 2 | FLAMMABLE SOLID 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JJ Keller | 3659 | Aluminum | | | X | X | | X | X | | |
| | 3626 | White | | | | | | | | | |
| | 3660 | Aluminum / Split | | | | | | | | | |
| | 3627 | White / Split | | | | | | | | | |
| | 3640 | White | | X | X | X | X | X | X | X | X |
| | 3641 | White / Split | | | | | | | | | |
| | 6944 | White / Clipped Corners | | | | | | | | | |
| | 3633 | White | | | | | | | X | | X |
| | 3634 | White / Split | | | | | | | | | |
| | 13069 | Aluminum | | X | X | X | X | X | X | X | X |
| | 3658 | Aluminum | | | X | X | | X | X | | |
| | 3734 | Aluminum / Numer-All | | X | X | | | X | | | X |
| | 3725 | Aluminum / Numer-All | | X | X | | | X | | | |
| LabelMaster | 81-8FO | Aluminum | | | X | X | | X | X | | |
| | 81-8WFO | White | | | | | | | | | |
| | 81-8SFO | Aluminum / Split | | | | | | | | | |
| | 81-8CC | Aluminum / Clipped Corners | | | | | | | | | |
| | 81-8WCC | White / Clipped Corners | | | | | | | | | |
| | 27HM206 | Aluminum | X | | X | X | X | X | X | X | X |
| | 27HM206S | Aluminum / Split | | | | | | | | | |
| | 27HM206CC | Aluminum / Clipped Corners | | | | | | | | | |
| | 81-8FLT | Aluminum | | | X | X | | X | X | | X |
| | 81-8FLT/S | Aluminum / Split | | | | | | | | | |
| | 97-9F0 | Aluminum | | | X | X | | X | X | | |
| | 126CT206 | Aluminum | | X | X | | | X | | | |
| | 126CT | Aluminum / # | | X | X | | | X | | | |



3734

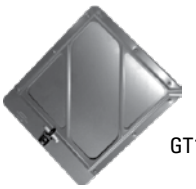
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## PLACARDS, continued

| BRAND | PN | FEATURES | INHALATION HAZARD 2 | INHALATION HAZARD 6 | MISCELLANEOUS 9 | NON-FLAMMABLE GAS 2 | ORGANIC PEROXIDE 5.2 | OXIDIZER 5.1 | POISON 6 | OXYGEN 2 | PG III 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JJ Keller | 3659 | Aluminum | | X | | X | | X | | | X |
| | 3626 | White | | | | | | | | | |
| | 3660 | Aluminum / Split | | | | | | | | | |
| | 3627 | White / Split | | | | | | | | | |
| | 3640 | White | | X | X | X | | X | | X | X |
| | 3641 | White / Split | | | | | | | | | |
| | 6944 | White / Clipped Corners | | | | | | | | | |
| | 3633 | White | | | | X | | | X | | |
| | 3634 | White / Split | | | | | | | | | |
| | 13069 | Aluminum | | X | X | X | X | X | | | X |
| | 3658 | Aluminum | | X | | X | | X | | | X |
| | 3734 | Aluminum / Numer-All | | X | X | | | X | | | X |
| | 3725 | Aluminum / Numer-All | | X | | | | | | | X |
| LabelMaster | 81-8FO | Aluminum | | | | X | | X | | | X |
| | 81-8WFO | White | | | | | | | | | |
| | 81-8SFO | Aluminum / Split | | | | | | | | | |
| | 81-8CC | Aluminum / Clipped Corners | | | | | | | | | |
| | 81-8WCC | White / Clipped Corners | | | | | | | | | |
| | 27HM206 | Aluminum | | X | X | X | X | X | | X | X |
| | 27HM206S | Aluminum / Split | | | | | | | | | |
| | 27HM206CC | Aluminum / Clipped Corners | | | | | | | | | |
| | 81-8FLT | Aluminum | | | | X | | X | | | |
| | 81-8FLT/S | Aluminum / Split | | | | | | | | | |
| | 97-9F0 | Aluminum | | X | | X | | X | | | X |
| | 126CT206 | Aluminum | | X | X | | | X | | | X |
| | 126CT | Aluminum / # | | | | | | | | | X |

| BRAND | PN | FEATURES | COMBUSTIBLE 1993 3 | FLAMMABLE 1203 3 | FLAMMABLE 1863 3 | FLAMMABLE 1987 3 | FLAMMABLE 1993 3 | FLAMMABLE 3475 3 |
|---|---|---|---|---|---|---|---|---|
| JJ Keller | 13066 | Aluminum | X | X | X | X | X | X |
| | 3663 | Aluminum | X | X | | | X | |

## PLACARD HOLDERS

| | PN | MATERIAL | FEATURES | BRAND |
|---|---|---|---|---|
|  GT1100 | GT1100 | Aluminum | | Globetech |
| | 80SMP97 | Aluminum | Brite Mill Finish | Labelmaster |
| | 80SMW97 | Aluminum | White Finish | Labelmaster |
| | 55620 | Aluminum | | JJ Keller |
| | 55721 | Aluminum | Split | JJ Keller |
| | 55722 | Aluminum | White Finish | JJ Keller |
| | 55723 | Aluminum | Split, White Finish | JJ Keller |

## ROADSIDE & TRUCK SAFETY

| | PN | DESCRIPTION |
|---|---|---|
|  1005 | 1005 | Triangle Reflector Kit w/ Carry Case — Set of 3 Triangles |
| | 1005CASE | Red Plastic Case |
| | MSXG408RGB | Multi-Color Baton |
| | SS100 | 18" Slow / Stop Paddle |
| | TC18CH | 18" Orange Highway Cone |
| | TC186CH | 18" Collar Orange Highway Cone w/ 6" Reflective Collar |
| | LMS102 | 15' EZ Flip Load Measuring Stick — Measures vertical ht. of a load or access clearance |
| | BG36F | 36" Orange Nylon Bumper Guides |
| | MTS100 | Metal Trailer Door Seals — 50 ct / Bundle |
| | PJS101 | Pallet Jack Stop — Prevents loose pallet jacks from damaging inside of trailer/van |

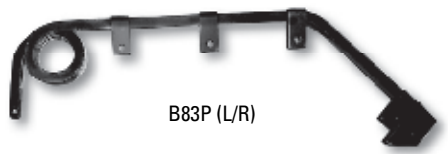
## MUD FLAPS

| | PN | DESCRIPTION |
|---|---|---|
|  **CHEVRON** | | |
| • Header is molded thicker to resist tearing<br>• Top corners can be cut to fit 45" angle brackets<br>• Bottom can be cut down when shorter flap is needed | GT-2424C | Rubber 24"×24" |
| | GT-2430C | Rubber 24"×30" |
| | GT-2436C | Rubber 24"×36" |
| **HEAVY DUTY** | | |
|  • 1/2" thick reinforced rubber gives flap anti-sail features<br>• Raised knobs on back for anti-spray<br>• Top corners can be cut to fit 45° angle brackets | GT-2424HD | Rubber 24"×24"×1/2" |
| | GT-2430HD | Rubber 24"×30"×1/2" |
| | GT-2436HD | Rubber 24"×36"×1/2" |
| **ANTI-SPRAY** | | |
|  • Standard flap is 5/16" thick plastic<br>• Poly Plus flap is 3/8" thick plastic<br>• Poly will not crack or curl | GT-2418S | Rubber 24"×18"×5/16"<br>Standard Splash Guard |
| | GT-2430S | Rubber 24"×30"<br>Standard Anti-Spray |
| **XTREME WIRE MESH REINFORCED** | | |
| • Molded from high tensile strength rubber with wire inserts<br>• Reinforced flap prevents movement | GT-2430X | Rubber 24"×30"×3/8" |
| | GT-2436X | Rubber 24"×36"×3/8" |
| | GT-2440X | Rubber 24"×40"×3/8" |
| | GT-2442X | Rubber 24"×42"×3/8" |
| **AERO** | | |
|  • Made in US from recycled materials<br>• Black | 03308001 | 24"×24" 45° Aero Flap |
| | 03308002 | 24"×24" Straight Aero Flap |
| | 03308000 | 24"×30" Straight Aero Flap |
| **POLY ANTI-SPRAY** | | |
|  | | |

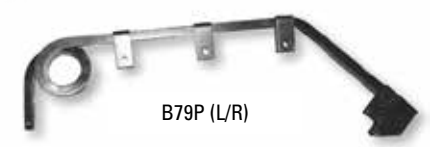
| | | | |
|---|---|---|---|
| 2424PSB | Plastic 24"×24" Black | 2424PHDB | Plastic 24"×24" Black |
| 2430PSB | Plastic 24"×30" Black | 2430PHDB | Plastic 24"×30" Black |
| 2436PSB | Plastic 24"×36" Black | 2425PHDBLAC | Plastic 24"×25" Black-Left Angle |
| 2424PSW | Plastic 24"×24" White | 2436PHDB | Plastic 24"×36" Black |
| 2430PSW | Plastic 24"×30" White | 2436PHDW | Plastic 24"×36" White |
| 2436PSW | Plastic 24"×36" White | | |

| | | |
|---|---|---|
| **POLY FLEETPRIDE LOGO** | | |
|  • Resists Curling<br>• Made from UV-Stabilized polyethylene resin to produce a softer, more flexible and durable flap | 108704 | 24"×24" Fleetpride Logo White Mud Flap |
| | 108705 | 24"×30" Fleetpride Logo White Mud Flap |

## MUD FLAP HANGERS — BAR TYPE

| | PN | DESCRIPTION |
|---|---|---|
|  A25P / A82P | A25P | Single Arm, Straight .640" Bar |
| | B25P | Kit includes 2 .640" Sour Spring Arms, Cast Sockets & Mounting Hardware |
| | A82P | Single Arm, .750" Bar |
| | B82P | Kit includes 2 A82P Arms, Cast Sockets & Mounting Hardware |
|  B83P (L/R) | A23LP | Single Arm Left, 3 Coil Straight .640" Bar |
| | A23RP | Single Arm Right, 3 Coil Straight .640" Bar |
| | B23P | Kit includes 2 Arms, Cast Sockets & Mounting Hardware |
| | B83P (L/R) | Kit includes 2 Arms, Cast Sockets & Mounting Hardware |
|  A35P / A81P | A35P | Single Arm, Angled .640" Bar |
| | B35P | Kit includes 2 A35P Arms, Cast Sockets & Mounting Hardware |
| | A81P | Single Arm, Angled .750" Bar |
| | B81P | Kit includes 2 A81P Arms, Cast Sockets & Mounting Hardware |
|  A33RP / A87RP | A33LP | Single Arm Left, 3 Coil Angled .640" Bar |
| | A33RP | Single Arm Right , 3 Coil Angled .640" Bar |
| | B33P | Kit includes 2 3-Coil Angled Arms, .640" Bar Arms, Cast Sockets & Mounting Hardware |
|  B21P | B21P | Kit, Straight 3 Coil, .750" Round, Bolts to Vehicle Frame |
| | A84LP | Single Arm Left, 2 Coil Angled . 750" Bar |
| | A84RP | Single Arm Right , 2 Coil Angled .750" Bar |
| | B84P | Kit includes 2 A84P Arms, Cast Sockets & Mounting Hardware |
|  A84RP | A29LP | Single Arm Left 5.5" Offset , Straight .640" Bar |
| | A29RP | Single Arm Right 5.5" Offset, Straight .640" Bar |
| | B29P | Kit includes 2 A29P Arms, Cast Sockets & Mounting Hardware |
|  A29RP / A39P | A39LP | Single Arm Left 5.5" Offset , Angled .640" Bar |
| | A39RP | Single Arm Right 5.5" Offset , Angled .640" Bar |
| | B39P | Kit includes 2 A39P Arms, Cast Sockets & Mounting Hardware |

## MUD FLAP HANGERS — BAR TYPE, continued

| | PN | DESCRIPTION |
|---|---|---|
|  | B69P | Kit includes 2 .64" Brackets, 9" Straight Offset Arms, Cast Sockets & Mounting Hardware |
|  B79P (L/R) | B79P | Kit includes 2 45° Bracket Arms, Cast Sockets & Mounting Hardware |
| | A90LP | Single Arm Left, 12" Offset, Angled .750" Bar |
|  A90RP | A90RP | Single Arm Right, 12" Offset, Angled .750" Bar |
| | B90P | Kit includes 2 A90 Arms, Cast Sockets & Mounting Hardware |

## MUD FLAP BOLT KIT/CLIPS

| | PN | DESCRIPTION |
|---|---|---|
|  MFBK | MFBK | Mud Flap Bolt Kit — Contains Fasteners and Bolts to Mount One Flap |

## BRACKETS & PLATES

| | PN | DESCRIPTION |
|---|---|---|
|  B700P | B700P | Standard Horizontal Bracket for .750" Bar, Bolt Center 2-7/8" |
| | B711P | Narrow Horizontal Bracket for .640" Bar, Bolt Center 1-7/8" |
|  B711P | K711P | Kit has Pair of B711 Brackets w/ Hardware |
| | B750P | End of Frame Bracket for .750" Bar, Bolt Center 2" |

## MUD FLAP HANGERS — SPRING LOADED

| | PN | DESCRIPTION |
|---|---|---|
|  CM127 | CM127 | Chrome Straight 27" — 1-1/8" Bolt Pattern — Round Tube |
| | CM127B | Black Epoxy Straight 27" — 1-1/8" Bolt Pattern — Round Tube |
| | CM130 | Chrome Straight 30" — 1-1/8" Bolt Pattern — Hex Tube |
| | CM130B | Black Epoxy Straight 30" — 1-1/8" Bolt Pattern — Hex Tube |
|  CM130 | CM130S | Stainless Steel Straight 30" — 1-1/8" Bolt Pattern — Hex Tube |
| | OTRCM230 | Chrome Straight 30" — 2-1/2" Bolt Pattern — Hex Tube |
| | CM230B | Black Epoxy Straight 30" — 2-1/2" Bolt Pattern — Hex Tube |
| | CM230BCT | Black Epoxy Straight 30" — 2-1/2" Bolt Pattern — Hex Tube w/ Conspicuity |
|  CM230 | CM230S | Stainless Steel Straight 30" — 2-1/2" Bolt Pattern — Hex Tube |
| | CM245 | Chrome 45° — 30" — 2-1/2" Bolt Pattern — Round Tube —Angled |
| | CM245B | Black Epoxy 45° — 30" — 2-1/2" Bolt Pattern — Round Tube — Angled |
|  CM245 | CM245S | Stainless Steel 45° — 30" — 2-1/2" Bolt Pattern — Round Tube — Angled |
| | CM2745 | Chrome 45° — 27" — 1-1/8" Bolt Pattern — Round Tube —Angled |
| | CM2745B | Black Epoxy 45° — 27" — 1-1/8" Bolt Pattern — Round Tube — Angled |
|  CM2745 | CM2745S | Stainless Steel 45° — 27" — 1-1/8" Bolt Pattern — Round Tube — Angled |
| | CM3045 | Chrome 45° — 30" — 1-1/8" Bolt Pattern — Hex Tube Angled |
| | CM3045B | Black Epoxy 45° — 30" — 1-1/8" Bolt Pattern — Hex Tube Angled |
|  CM3045 | CM3045S | Stainless Steel 45° — 30" — 1-1/8" Bolt Pattern — Hex Tube Angled |
| | 033-00864 | Stainless Steel — FB27 Spring Loaded Shortie Bracket |
| | 033-00868 | Stainless Steel — FB27 Frame Mount Bracket |

SPRING LOADED MUD FLAP HANGERS ALSO FEATURED IN CHROME SECTION

## END CAPS

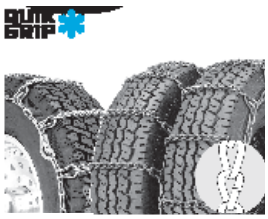
| | PN | DESCRIPTION |
|---|---|---|
|  CM1 | CM1 | Chrome End Cap for CM230 — Per Pair |
|  CM2 | CM2 | Chrome End Cap for CM3045 — Per Pair |

## MUD FLAP PLATES

| | DESCRIPTION | CHROME PN | STAINLESS STEEL PN |
|---|---|---|---|
|  CT224 | **TOP FLAP PLATES — 2"×24"** | | |
| | Welded Studs | CT224 | CT224S |
| | Bolt Thru | CT224H | CT224HS |
| | **BOTTOM FLAP PLATES — 4"×24"** | | |
|  CT224H | Welded Studs | CB24 | CB24S |
| | Bolt Thru | CB24H | CB24HS |
| | Louver | CB24L | — |
| | Sitting Girls Cut Out | CB24NG | — |
| | "Keep On Truckin" Cut Out | CB24KOT | — |
| | "USA" Cut Out | CB24USA | — |
| | **OTHER BOTTOM FLAP PLATES & BOLT KIT** | | |
| | 3"×14" w/ Welded Studs | CB14 | — |
| | 3"×16" w/ Welded Studs | CB16 | — |
| | 3"×18" w/ Welded Studs | CB18 | — |
| | 3-Piece Replacement Bolt Kit | CB3C | — |

## TIRE CHAINS

PEERLESS
A KITO GROUP COMPANY

| | SINGLE PAIR | DUAL PAIR | DESCRIPTION |
|---|---|---|---|
| **HIGHWAY SERVICE — (ROUND TWIST WITH CAMS)** | | | |
|  | QG2239CAM | QG4239CAM | 8.25-20 9-22.5 245/75-22.5 255/70-22.5 265/70-22.5 275/70-22.5 |
| | QG2241CAM | QG4241CAM | 9.00-20 10-22.5 |
| | QG2243CAM | QG4243CAM | 275/75-22.5 275/80-22.5 285/75-22.5 295/70-22.5 295/75-22.5 |
| | QG2245CAM | QG4245CAM | 10.00-20 10.00/90-20 11-22.5 13/80-20 285/70-24.5 |
| | QG2247CAM | QG4247CAM | 275/80-24.5 285/75-24.5 |
| | QG2249CAM | QG4249CAM | 10.00-22 11-24.5 |
| | QG2251CAM | QG4251 | 11.00-20 12-22.5 285/80-22.5 285/80-24.5 295/80-22.5 305/80-22.5 |
| | QG2255CAM | QG4255 | 12.00-20 12.75-22.5 14/80-20 305/75-24.5 305/85-22.5 315/80-22.5 |
| | QG3269CAM | — | 445/50-22.5 455/50-22.5 |
| **HIGHWAY SERVICE V-BAR — (ROUND TWIST V-BAR WITH CAMS)** | | | |
|  | QG2839CAM | — | 8.25-20 9-22.5 245/75-22.5 255/70-22.5 265/70-22.5 275/70-22.5 |
| | QG2841CAM | QG4841 | 9.00-20 10-22.5 |
| | QG2843CAM | QG4843CAM | 275/75-22.5 275/80-22.5 285/75-22.5 295/70-22.5 295/75-22.5 |
| | QG2845CAM | QG4845CAM | 10.00-20 10.00/90-20 11-22.5 13/80-20 285/70-24.5 |
| | QG2847CAM | QG4847CAM | 275/80-24.5 285/75-24.5 |
| | QG2849CAM | QG4849CAM | 10.00-22 11-24.5 |
| | QG2851CAM | QG4851 | 11.00-20 12-22.5 285/80-22.5 285/80-24.5 295/80-22.5 305/80-22.5 |
| **HIGHWAY SERVICE SQUARE ROD ALLOY — (NON-TWIST WITH CAMS)** | | | |
|  | QG2143 | QG4143 | 275/75-22.5 275/80-22.5 285/75-22.5 295/70-22.5 295/75-22.5 |
| | QG2145 | QG4145 | 10.00-20 10.00/90-20 11-22.5 285/70-24.5 305/70-22.5 315/70-22.5 |
| | — | QG4147 | 275/80-24.5 285/75-24.5 |
| | QG2149 | QG4149 | 10.00-22 11-24.5 |
| | QG2155 | — | 11.00-22 12.00-20 12.75-22.5 305/75-24.5 305/85-22.5 315/80-22.5 |
| **HIGHWAY SERVICE CABLE — (ALLOY TRACTION COILS WITH OVER-CENTER LATCH)** | | | |
| | TA1939 | | 8.25-20 9-22.5 235/80-22.5 245/80-22.5 255/70-22.5 255/75-22.5 |
| | TA1941 | | 9.00-20 10-22.5 |
| | TA1943 | | 275/75-22.5 275/80-22.5 285/70-24.5 285/75-22.5 295/70-22.5 295/75-22.5 |
| | TA1945 | | 10.00-20 11-22.5 13/80-20 305/70-22.5 315/70.22.5 |
| | TA1947 | | 11.5-22.5 275/80-24.5 285/75-24.5 295/75-24.5 305/80-22.5 |
| | TA1949 | | 10.00-22 11-24.5 12.75-22.5 315/80-22.5 |
| | TA1951 | | 11.00-20 12-22.5 285/80-22.5 285/80-24.5 295/80-22.5 320/75-24 |
| | TA2069 | | 445/50-22.5 455/50-22.5 455/55-22.5 |
| **HIGHWAY SERVICE SUPER Z CABLE — (ALLOY TRACTION COILS — DIAGONAL PATTERN)** | | | |
| | ZT881 | | 10.00-20 11-22.5 275/80-22.5 285/75-24.5 285/80-22.5 295/75-22.5 |
| | ZT887 | | 10.00-22 11.00-20 11-24.5 11.50-20 12-22.5 315/80-22.5 320/75-24 |
| | ZT891 | | 11.00-22 11.00-24 12.00-20 12.5-24.5 12.75-22.5 13.22.5 |
| | ZT892 | | 14/80-20 305/85-22.5 365/70-22.5 365/80-20 385/65-22.5 400/70-20 |
| | ZT896 | | 16.5-22.5 425/55-22.5 425/65-22.5 445/65-19.5 |
| | ZT897 | | 445/50-22.5 455/50-22.5 |
| | ZT898 | | 395/85-20 425/70-22.5 |
| | ZT899 | | 455/55-22.5 |

## GENERAL & SAFETY INFORMATION, ALL CATEGORIES

| | |
|---|---|
| **All Cargo Products** | Read and follow all instructions prior to use. Failure to do so could result in property injury, and/or loss of life. No use other than that which the product was designed is recommended or endorsed. Working Load Limit ratings (WLL) are based on the strength of the assembly and components when new. Always consider age and condition of assembly and components to determine the quantity to use to sufficiently secure the load. Use of these products demonstrates an understanding of these warnings and the risks involved. Observe all tie down requirements of the Commercial Vehicle Safety Alliance (CVSA) "Vehicle Inspection Criteria", Federal Department of Transportation (DOT), FMCSA 49 CFR Parts392-393, California Highway Patrol (CHP), Title 13 regulations or other local regulations governing cargo restraint and tie down. Use only products that are rated and tagged with Working Load Limits (WLL) for cargo tie down applications. |
| **Safe Use** | Inspect all tie down components prior to each use. Never use items that are damaged, worn or defective. Remove them from service immediately and replace with new. Do not attempt to repair. The following conditions constitute a damaged tie down strap: acid or caustic burns, melting of any part of the web surface, broken or worn stitching, distortion of eyes or fittings, or web snags, cuts, tears, and punctures. Only tie down straps with legible identification tags should be used. Keep all tags and labels away from the load, vehicle body and winch to avoid tag damage rendering the tag non-readable and the strap assembly therefore unusable. The following conditions constitute a damaged tie down chain assembly: damaged or distorted links, distortion of eyes or hooks, nicks or gouges in the chain or hooks. If in doubt about the safety of a tie down component or assembly do not use it. Load binders should not be used if any of the previous conditions exist or if the handles are bent or distorted. |
| **Winches** | Failure to comply with these instructions may result in property damage, serious personal injury and/or loss of life. Winches must be attached to a structurally sound frame element capable of withstanding and sustaining the maximum load of the winch and strap assembly. Load binding systems store energy which can release suddenly, causing serious injury. Stay clear of handles, bars and other binding equipment as it could release without warning and with force. Use of these products demonstrates an understanding of these warnings and the risks involved. |
| **Installation** | Mount and position the winch so that the latch / pawl drops into the gear sprocket teeth by its own weight. Portable and slider winches must be positioned to not interfere with any other trailer components (i.e. tire clearance). Set screws on portable winches should be snug tightened only. Over tightening can cause bracket to bend or break resulting in possible failure and loss of tie down. Portable winches must be removed from trailer and stored when not in use. For weld-on type winches, a continuous 1/4" fillet weld 4" long on both sides of the winch frame with 1/8" minimum penetration is required. |
| **Proper Use** | The loose end of the web assembly should be inserted through the web slot in the winch mandrel and the excess web pulled through. After tensioning, there must be 2–3 full wraps of webbing around the mandrel. Less wraps may result in web slippage. More wraps will cause additional strain to be exerted on the winch assembly and reduce the load capacity of the winch. Cable/wire rope must be used only on winches designed for their use. To use, twist an eye on the end of the cable with at least 2 feet of loose tail. Place the eye over the cable pin on the winch mandrel and tighten the winch, wrapping the cable over the loose tail a minimum of 4 times to secure the cable from slippage. |
| **Maintenance** | The winch assembly should be protected from corrosion by application of a rust inhibiting paint. Avoid paint build up in the latch/pawl area that may inhibit the free movement of its parts. A light oil should be used to keep these parts moving freely to insure safe operation. |
| **Winch Bars** | Failure to comply with these instructions may result in property damage, serious personal injury and/or loss of life. Load binding systems store energy which can release suddenly, causing serious injury. Stay clear of handles, bars and other binding equipment as it could release without warning and with extreme force. Use of these products demonstrates an understanding of these warnings and the risks involved. |

NOTE: All weights provided in this catalog are approximate only.

## GENERAL & SAFETY INFORMATION, ALL CATEGORIES, continued

**Proper Use**

Use extreme caution when tensioning the winch/assembly to assure the latch/pawl is fully engaged in the gear sprocket teeth before releasing the pressure on the winch bar. Always keep hands and fingers away from the winch pawl and keep face, head and body out of path of winch bar.
Inspect all binding components, (winch, strap assembly, chain assembly, load binder) prior to each use. Never use damaged or worn equipment. Remove from service and replace with new. Do not attempt to repair. Winch bars are used entirely at the user's own risk and the use of a winch bar demonstrates an understanding of the risks and a willingness to accept the possibility of property damage, serious personal injury and/or loss of life.
When using winch bars with winches, the tapered point of the bar must be inserted completely through both holes in the winch cap. Failure to insert bar correctly could cause the bar to slip and result in serious personal injury and/or loss of life. During tightening and before releasing the tie down assembly, check the winch pawl to insure it has properly engaged the gear sprocket. Always grip the winch bar at the knurled section of the bar for increased safety.
When using winch bar with binders, only use combination winch bars designed with a binder cradle to assist in tightening a load binder. Insure that the loadbinder handle is fully inserted into the winch bar cradle and locked in place. Keep head and body out of the path of the loadbinder handle in case of slippage or kickback. Failure to do so may result in serious personal injury and/or loss of life.
Inspect all strap and winch assembly components prior to each use for damage or deterioration. Remove damaged product from service immediately and replace. Do not attempt to repair. Use extreme caution when tensioning the winch assembly to assure the latch/pawl is fully engaged in the gear sprocket teeth before releasing the pressure on the winch bar. Always keep hands and fingers away from the winch pawl. Always make sure that the load is adequately secured prior to movement of the vehicle using a sufficient quantity of appropriate strength tie downs. Never exceed the Working Load Limit of either the tie down or the hardware/winch. Remember, all assemblies are only as strong as their weakest point, including the point of attachment. All component parts must meet or exceed CVSA guidelines, Federal DOT Regulation, California Highway Patrol regulations as well as local regulations. Tie downs must be checked periodically during transit and re-tensioned as needed to maintain a secure load. Never modify winches to perform a use other than that for which it was specifically designed. Misuse or modification of any type will result in voiding any or all of the warranty and liability by the manufacturer/seller.

**Cargo Bars**

Failure to understand these instructions and warnings could cause serious personal injury or property damage. Use of these products demonstrates an understanding of these warnings/instructions and the risks involved. Do not use bars to support ANY vertical loads. Power Products Cargo Bars are NOT designed to be used as a shoring beam. Using these bars as a step is not advised and could result in serious personal injury. Cargo Bars are not designed to secure cargo inside a trailer, only to assist in the stability of a load.

**Cargo Chains & Binders**

Calculating the minimum number of Tie-Downs depends on the length, weight and type of cargo. The sum of the working load limits from all Tie-Downs must be at least 50% of the weight of the cargo. If the Working Load Limit of the Tightening Device is less than the Tie-Down Chain, the working load limit will be reduced to the lower value.
Articles 5' or shorter require 1 Tie-Down. Articles 5' or shorter and weighing more than 1100 lb. require 2 Tie-Downs. Articles more than 5' up thru 10' require 2 Tie-Downs. Add an additional Tie-Down for articles more than 10' and for each additional 10' or part thereof. Articles prevented from forward movement by a bulkhead or another load require a Tie-Down for every 10' and for each 10' or part thereof. Indirect Tie-Downs (across or through the load) should form a minimum angle of 30 degrees to the trailer floor.
Wheeled or tracked vehicles over 10,000 lb. require a minimum of 4 Anchor (Direct) Tie-Downs and 4 Tightening Devices — each with a minimum working load limit of 5000 lb. Anchor Tie-Downs are a direct connection between the load and the trailer. All accessory attachments such as booms, shovels, and backhoes must be lowered and properly secured — usually with an additional Tie-Down and Tightening Device.
Indirect Tie-Downs (not Anchor Tie-Downs) should form a minimum angle of 30 degrees to the trailer floor.
Steel coils, paper rolls, concrete pipe, dressed lumber, boulders, flattened cars, automobiles, light trucks, vans, and containers require special calculations. **Always consult FMCSA regarding special applications.**

## TRANSPORT CHAINS — PEERLESS CHAIN ASSEMBLIES

Made in USA

PEERLESS A KITO GROUP COMPANY

| | PN | DESCRIPTION | QTY | REPLACES CM | REPLACES ANCRA | QTY PER DRUM | WORKING LOAD LIMIT (LBS) |
|---|---|---|---|---|---|---|---|
|  5262363 | 5231424 | Grade 43 - 3/8″ × 20′ | Each | 638219 | | 25/Drum | 5,400 |
| | 5261363 | Grade 70 - 5/16″ × 20′ Short Link | Each | 638284 | 45881-10-20 | 25/Drum | 4,700 |
| | 5261463 | Grade 70 - 5/16″ × 25′ Short Link | Each | 638279 | 45881-10-25 | 25/Drum | 4,700 |
| | 5262363 | Grade 70 - 3/8″ × 20′ Short Link | Each | 638294 | 45881-11-20 | 25/Drum | 6,600 |
| | 5262463 | Grade 70 - 3/8″ × 25′ Short Link | Each | 639097 | 45881-11-25 | 20/Drum | 6,600 |
| | 8605182 | Grade 70 - 1/2″ × 20′ Short Link | Each | 638350 | 45881-13-20 | 10/Drum | 11,300 |
| | 8607617 | Grade 80 - 3/8″ × 20′ | Each | | | 10/Drum | 7,100 |
| | 8607630 | Grade 80 - 1/2″ × 20′ | Each | | | 10/Drum | 12,000 |
| | H3334-5624 | Grade 80 - 3/8″ × 20′ * IMPORT | Each | | | 20/Drum | 7,100 |
| | H3334-6224 | Grade 80 - 1/2″ × 20′ * IMPORT | Each | | | 10/Drum | 12,000 |
|  5050424 | **BULK TRANSPORT CHAIN — MADE IN USA** | | | | | | |
| | 5050324 | 5/16″ Grade 80 1/2 Drum Transport Chain USA | 250′ Per Barrel | | | | 4,500 |
| | 5050424 | 3/8″ Grade 80 1/2 Drum Transport Chain USA | 250′ Per Barrel | | | | 7,100 |
| | 5050624 | 1/2″ Grade 80 1/2 Drum Transport Chain USA | 150′ Per Barrel | | | | 12,00 |
|  8057235 | **CHAIN REPAIR PARTS (GRAB HOOKS & TEMPORARY REPAIR LINKS)** | | | | | | |
| | 8024415 | Grab Hooks w/ Clevis Pin 3/8″ G80 | Each | | | | 7,100 |
| | 8024615 | Grab Hooks w/ Clevis Pin 1/2″ G80 | Each | | | | 12,00 |
| | 8057235 | Repair Link Double Clevis for 5/16″ G70 Chain | 10 Bulk | | | | 4,700 |
| | 8057435 | Repair Link Double Clevis for 3/8″ G70 Chain | 10 Bulk | | | | 6,600 |

## CHAIN BINDERS — PEERLESS CARGO BINDERS (PATENTED)

PEERLESS A KITO GROUP COMPANY

| | PN | DESCRIPTION | BINDER USE W/ GR43 | BINDER USE W/ GR70 | BINDER USE W/ GR80 | WORKING LOAD LIMIT (LBS) |
|---|---|---|---|---|---|---|
|  H5125-0658 | H5125-0658 | Ratchet Binder 5/16″×3/8″ G70/80 Quickbinder Plus | 5/16″ or 3/8″ | 5/16″ or 3/8″ | 5/16″ or 3/8″ | 7,100 |
| | H5125-0858 | Ratchet Binder 3/8″×1/2″ G70/80 Quickbinder Plus | 5/16″ or 3/8″ | 3/8″ or 1/2″ | 3/8″ or 1/2″ | 12,000 |
| | H5125-0958 | Ratchet Binder 1/2″×5/8″ G70/80 Quickbinder Plus | 5/16″ or 3/8″ | 1/2″ or 5/8″ | 1/2″ or 5/8″ | 18,100 |
|  H5025-0652 | H5025-0652 | Lever Adjustable Binder 5/16″ or 3/8″ G42/70 Prolok66 | 5/16″ or 3/8″ | 5/16″ or 3/8″ | | 6,600 |

## TRANSPORT CHAINS — CHAIN ASSEMBLIES

- Grade 70 long link
- Gold chromate finish for ease of identification and protection
- Meets all specifications and standards of DOT, CVSA and CHP



C70-516X20

| NEW PN | GRADE | WIDTH | LENGTH | WLL | MBS | BRAND |
|---|---|---|---|---|---|---|
| **TRANSPORT CHAIN** | | | | | | |
| C43-38X20 | Grade 43 | 3/8 | 20 | 5,400 | 16,200 | Power Products |
| C70-516X20 | Grade 70 | 5/16 | 20 | 4,700 | 14,100 | Power Products |
| C70-516X25 | Grade 70 | 5/16 | 25 | 4,700 | 14,100 | Power Products |
| C70-38X20 | Grade 70 | 3/8 | 20 | 6,600 | 19,800 | Power Products |
| C70-12X20 | Grade 70 | 1/2 | 20 | 11,300 | 33,900 | Power Products |
| 5050624 | Grade 80 | 1/2 | 150 | 12,000 | 36,000 | Peerless Chain |
| 5510424 | Grade 100 | 3/8 | 250 | 8,800 | 26,400 | Peerless Chain |
| **BULK TRANSPORT CHAIN** | | | | | | |
| C30-316-BULK | Grade 30 | 3/16 | 250 | 800 | 2,400 | Power Products |
| C30-14-BULK | Grade 30 | 1/4 | 140 | 1,300 | 3,900 | Power Products |
| C70-516-BULK | Grade 70 | 5/16 | 400 | 4,700 | 14,100 | Power Products |
| C70-38-BULK | Grade 70 | 3/8 | 200 | 6,600 | 19,800 | Power Products |
| C70-12-BULK | Grade 70 | 1/2 | 100 | 11,300 | 33,900 | Power Products |
| **SAFETY CHAIN** | | | | | | |
| B03835SC | Grade 30 | 3/8 | 35" | 3,333 | 10,000 | Buyers Products |
| **AIRCRAFT CABLE** | | | | | | |
| 8584-528-04 | | 1/4 | 250 | 1,400 | 4,200 | Laclede Chain |

## CHAIN BINDERS

| | | | USE WITH | | | |
|---|---|---|---|---|---|---|
| PN | TYPE | DESCRIPTION | G43 | G70 | G80 | WLL (LB) |
| LC20L-5 | Lever | 5/16″ × 3/8″ Lever Binder | 5/16″ or 3/8″ | 5/16″ or 3/8″ | — | 5,400 |
| LC20L-6 | Lever | 3/8″ × 1/2″ Lever Binder | 5/16″ or 3/8″ | 5/16″ or 3/8″ | — | 9,200 |
| LC20R-5 | Ratchet | 5/16″ × 3/8″ Ratchet Binder | 5/16″ or 3/8″ | 5/16″ or 3/8″ | — | 6,600 |
| LC20R-6 | Ratchet | 3/8″ × 1/2″ Ratchet Binder | 5/16″ or 3/8″ | 3/8″ or 1/2″ | — | 9,200 |
| LC20R-8 | Ratchet | 1/2″ × 5/8″ Ratchet Binder | — | 1/2″ or 5/8″ | 1/2″ or 5/8″ | 13,000 |
| H5125-0658 | Ratchet | 5/16″ or 3/8″xxxx | 5/16″ or 3/8″ | 5/16″ or 3/8″ | 5/16″ or 3/8″ | 7,100 |
| H5125-0858 | Ratchet | 3/8″ × 1/2″ Ratchet Quickbinder Plus | 5/16″ or 3/8″ | 3/8″ or 1/2″ | 3/8″ or 1/2″ | 12,000 |
| H5125-0958 | Ratchet | 1/2″ × 5/8″ Ratchet Quickbinder Plus | 5/16″ or 3/8″ | 1/2″ or 5/8″ | 1/2″ or 5/8″ | 18,100 |

## CHAIN ACCESSORIES

| | PN | DESCRIPTION | WLL (LB) |
|---|---|---|---|
|  LC18 | **FLOOR LOAD TIEDOWN** | | |
| | LC18 | Grade 70 | 4,500 |
| | **CLEVIS GRAB HOOKS, GRADE 70** | | |
| | LC70-12 | 1/2″ | Grade 70 |
| LC70-38  | LC70-38 | 3/8″ | Grade 70 |
| | LC70-516 | 5/16″ | Grade 70 |
| | **GR70 DOUBLE CLEVIS LINKS** | | |
| | CDC70-12 | 7/16″–1/2″ | — |
|  CDC70-12 | CDC70-38 | 3/8″ | 6,600 |
| | CDC70-516 | 1/4″–5/16″ | 4,700 |
| | **GR70 CLEVIS SLIP HOOKS WITH LATCH** | | |
| | LC70SHKL-12 | 1/2″ | 9,000 |
| | LC70SHKL-14 | 1/4″ | 2,750 |
| LC70SHKL-12  | LC70SHKL-38 | 3/8″ | 5,250 |
| | LC70SHKL-516 | 5/16 | 4,350 |
| | **QUICK LINKS** | | |
| | CQL-5 | 5/16″ | — |
|  CQL-6 | CQL-6 | 3/8″ | — |
| | LC98-QL-6 | Stainless Steel | — |

## MOST COMMON HD USES

| | OVERHEAD LIFTING | NAME | MOST COMMON HD USES | APPEARANCE | 5/16″ | 3/8″ | 5/8″ |
|---|---|---|---|---|---|---|---|
| **Grade 43** | No | High Test | Lighter Securment, Farm, Logging, Towing | Gray or Steel | 3,900 lb | 5,400 lb | — |
| **Grade 70** | No | Transport | Many Tie Down Applications, Construction, Logging | Bright Yellow | 4,700 lb | 6,600 lb | 15,800 lb |
| **Grade 80** | Yes | Alloy | Heavy Container Securment, Logging, Towing | Dark Gray | — | 7,100 lb | 12,000 lb |

## WINCH INFORMATION & DEFINITIONS

| TERM | DEFINITION |
|---|---|
| **Weld-On** | Winches are intended to be permanently mounted to a trailer in a fixed position. |
| **Portable** | These winches can be removed or moved around as needed. They have two set screws on them which hold the winch in place. The set screws should be hand tightened only! They only serve to keep the winch from moving until the winch strap is tensioned. Tension is what locks the winch in place. |
| **Storable** | A storable winch has an extra-deep bottom mount winch that you can store a full 30'of webbing on. The standard winches can only store 20' of webbing. |
| **Combination** | A combination winch can hold either webbing, wire rope, or cable. |
| **Low Profile** | Low profile winches are usually side mount winches and can store up to 10' of webbing. |
| **Slider Winch** | These winches are usually notched and slide on either steel or aluminum winch track,allowing for more flexibility. Strap tension locks them in place. A notched slider winch can also be welded-on. |
| **Under Mount** | This winch is mounted on the underside of the trailer side rail. |
| **Three Bar** | A 3-bar winch has a three bar mandrel, which allows more space to insert the strap. This provides advantages in colder climates where ice and snow build up on the winch,and would otherwise close the slit on standard mandrels. |
| **Double Cap** | Has a cap on each end of the mandrel, with the winch bar holes slightly offset from one cap to the other. This benefits when there is a low clearance situation and there is not much room to work a winch bar up and down. |
| **Spool Winch** | These winches have flanges on the mandrel to accommodate either 2", 3", or 4" webbing. Also called a storable disc winch. The advantage of a spool winch is that the strap lays down in a straight roll, which reduces wear. |

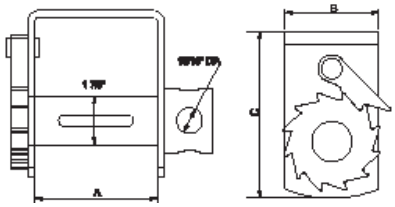
**EXERCISE CAUTION**

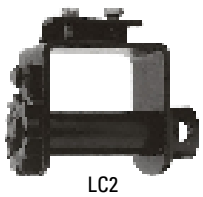
When tightening or loosening winches, **never release the winch bar until you are sure** the pawl has fully engaged the sprocket teeth. The winch must be installed where the pawl can be easily seen.

## WINCHES

### 5,000 lb Working Load

- Marked with working load capacity 5,000 lb
- Breaking strength 15,000 lb
- Web slots are smooth-ground to prevent web tear
- Surfaces are finished with electro deposited paint



| | PN | DESCRIPTION | WEIGHT (LB) | A INTERNAL WIDTH | B FRAME DEPTH | WLL (LB) |
|---|---|---|---|---|---|---|
| | **UNDERMOUNT WELD ON WINCHES** | | | | | |
|  LC1 | LC1 | Standard — Stores 20′ of Webbing | 7.93 | 4.88″ | 3.54″ | 5,000 |
| | LC1B | Standard — 3 Bar Mandrel | 14.81 | 6-1/2″ | 3-15/16″ | |
| | LC1BOLT | Undermount Winch — Bolt On | 14.81 | 6-1/2″ | 3-15/16″ | 5,000 |
| | LC1CW | Combination Undermount Weld-On | 10.09 | 7-5/32″ | 3″ | |
| | LC1S | Storable — Deep — Stores 30′ of Webbing | 8.97 | 4-7/8″ | 3-1/2″ | 5,000 |
| | **UNDERMOUNT PORTABLE WINCHES W/ 2 SET SCREWS** | | | | | |
|  LC2 | LC2 | Standard — Stores 20′ of Webbing | 9.89 | 4-7/8″ | 3-1/2″ | |
| | LC2CW | Portable Combination | 8.36 | 6.496″ | 5.71″ | |
| | LC2S | Storeable Deep — Stores 30′ of Webbing | 10.64 | 4-7/8″ | 3-1/2″ | |
| | **SIDE MOUNT WELD ON WINCHES** | | | | | |
|  LC3 | LC3 | Low Profile Weld-On | 9.15 | 4-7/8″ | 3-15/16″ | 5,000 |
| | LC3B | Standard — 3 Bar Mandral | 13.33 | 6-1/2″ | 3-15/16″ | |
| | LC3P | Low Profile — Side Mount — Stores 10′ of Webbing | 10.20 | 4-7/8″ | 3-15/16″ | 5,000 |
| | **NOTCHED SLIDER WINCHES** | | | | | |
|  LC4 | LC4 | Standard — Stores 20′ of Webbing | 11.04 | 4-7/8″ | 3-15/16″ | |
| | LC4F-S | Sliding Winch — OEM ″FO″ Style | 9.17 | 4.88″ | 3.54″ | |
| | LC4LC | Notched Slider Winch — Low Clearance | 10.25 | 4.88″ | 5.98″ | |
| | LC4LL | Double L Notched Slider Winch | 7.89 | 4-7/8″ | 3-15/16″ | |
| | LC4LL-LC | Double L Slider Winch — Low Clearance | 7.89 | 4-7/8″ | 3-15/16″ | |
| | LC4LL-S | Double L Slider Winch — Storable | 7.89 | 4-7/8″ | 3-15/16″ | |
|  LC4LL | LC4S | Storable — Stores 30′ of Webbing | 11.64 | 4-7/8″ | 3-15/16″ | |
| | LC4W | OEM Style ″W″ Slider Winch | 9.81 | 4.88 | 5.51″ | |

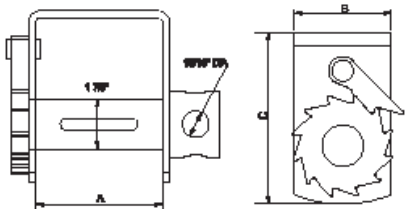
**EXERCISE CAUTION**

When tightening or loosening winches, **never release the winch bar until you are sure** the pawl has fully engaged the sprocket teeth. The winch must be installed where the pawl can be easily seen.

## WINCHES

**3,500 lb Working Load**

- Double hex drive, can be bolted or welded on one side
- Breaking strength 11,000 lb
- Meet or exceed all requirements of DOT, CHP and CVSA
- Specifications set forth by the Web Sling and Tiedown Association are met or surpassed





LC8CW



LC9L



LC10L

| PN | DESCRIPTION | WT. LB | A INTERNAL WIDTH | B FRAME DEPTH |
|---|---|---|---|---|
| **SPOOL** | | | | |
| LC6-2 | 2" Spool | 12.64 | 4-7/8" | 3-1/2" |
| LC6-4 | 4" Spool | 11.16 | 4-7/8" | 3-1/2" |
| **RECESSED** | | | | |
| LC8CW | Combination | 14.03 | 9-1/2" | 4" |
| **LASHING** | | | | |
| LC9L | Left Hand — 2" | 3.3 | 2-1/8" | 2-15/16" |
| LC9R | Right Hand — 2" | 3.3 | 2-1/8" | 2-15/16" |
| **CABLE** | | | | |
| LC10L | End Mount, Left Hand | 15.11 | 6-5/16" | 3-15/16" |
| LC10R | End Mount, Right Hand | 15.11 | 6-5/16" | 3-15/16" |

**EXERCISE CAUTION**

When tightening or loosening winches, **never release the winch bar until you are sure** the pawl has fully engaged the sprocket teeth. The winch must be installed where the pawl can be easily seen.

## WINCH STRAP ATTACHMENT HARDWARE DEFINITIONS

| TERM | DEFINITION |
|---|---|
| **Flat Hooks** | By far the most popular end fitting in the industry. The flat hook attaches to the side rail of a flatbed trailer. Available for 2", 3" and 4" straps. |
| **Chain Anchors** | These consist of a delta ring with an 18" length of chain with hook. Typically used to tie down bulky, unwieldy equipment on a lowboy or flatbed. The equipment will have an eyebolt or ring attached to it just for that purpose. Can also be used to anchor into stake pockets. |
| **D-Rings** | These are also called Delta Rings or V-Rings. They are used when you have a hook or a peg welded into a piece of equipment or the trailer. |
| **Twisted Loop** | Used in situations similar to a D-ring, where you have a peg or a hook welded onto a piece of equipment, or on the trailer. |
| **Wire Hooks** | Used where there is a D-ring slot, or hole in the equipment or trailer that you can fasten it to. |
| **Flat Snap** | Often used where the fitting connects to a D-ring. Popular end fitting for car hauling. |
| **Twisted Snaps** | Used in similar applications as the flat snap hook, except the 90° twist makes it easier to connect. |

## WINCH STRAP INFORMATION

### STRAP REQUIREMENTS

All straps are required to display a sewn-in tag with the determined strap rating. Most tags post the strap's Working Load Limit (WLL) in pounds. The WLL is determined by the industry standard as required by the CVSA (Commercial Vehicle Safety Alliance), whereas the WLL rating is a maximum of 1/3 of the Minimum Breaking Strength (MBS). In order to make strap rating universal and simple, the CVSA designed the following tagging system:

- 4" Strap: 15,000 lb MBS; 5,000 lb WLL Tag
- 3" Strap: 15,000 lb MBS; 5,000 lb WLL Tag
- 2" Strap: 10,000 lb MBS; 3,333 lb WLL Tag

Web tie down assemblies must be identified with a visible marking or label within 18" from one end of the strap. The minimum information required on a strap label is the manufacturer or trademark of the final assembler, country of origin, and the Working Load Limit in pounds and kilograms. Synthetic web tie downs **should not be repaired or spliced for reuse at any time.**

## WINCH STRAP ASSEMBLIES

- All straps meet or exceed WSTDA, DOT, CHP and CVSA specifications and guidelines and are made from resin-coated polyester webbing for extended wear and durability.


LCW430CA


LCW430TL


LCW427DR

| PN | SIZE | WLL (LB) | MBS (LB) |
|---|---|---|---|
| **WITH CHAIN ANCHOR** | | | |
| LCW327CA | 3"×27' | 5,000 | 15,000 |
| LCW330CA | 3"×30' | 5,000 | 15,000 |
| LCW427CA | 4"×27' | 5,400 | 16,200 |
| LCW430CA | 4"×30' | 5,400 | 16,200 |
| **WITH TWISTED LOOP** | | | |
| LCW230TL | 2"×30' | 3,333 | 10,000 |
| LCW427TL | 4"×27' | — | — |
| LCW430TL | 4"×30' | 6,000 | 18,000 |
| LCW450TL | 4"×50' | 5,500 | 16,500 |
| LCW460TL | 4"×60' | — | — |
| **WITH D RING** | | | |
| LCW227DR | 2"×27' | 3,333 | 10,000 |
| LCW327DR | 3"×27' | 5,000 | 15,000 |
| LCW427DR | 4"×27' | 6,667 | 20,000 |
| LCW430DR | 4"×30' | 5,000 | 20,000 |

## WINCH STRAP ASSEMBLIES, continued



LCW227FH



LCW427WH

| PN | SIZE | WLL (LB) | MBS (LB) |
|---|---|---|---|
| **WITH FLAT HOOK** | | | |
| LCW227FH | 2″×27′ | 3,333 | 10,000 |
| LCW230FH | 2″×30′ | 3,333 | 10,000 |
| LCW235FH | 2″×35′ | 3,333 | 10,000 |
| LCW240FH | 2″×40′ | 3,333 | 10,000 |
| LCW327FH | 3″×27′ | 5,000 | 15,000 |
| LCW330FH | 3″×30′ | 5,000 | 15,000 |
| LCW420FH | 4″×20′ | 5,000 | 15,000 |
| LCW427FH | 4″×27′ | 5,400 | 15,000 |
| LCW430FH | 4″×30′ | 5,000 | 15,000 |
| LCW432FH | 4″×32′ | 5,000 | 15,000 |
| LCW435FH | 4″×35′ | 5,000 | 15,000 |
| LCW440FH | 4″×40′ | 5,000 | 15,000 |
| LCW445FH | 4″×45′ | 5,000 | 15,000 |
| LCW450FH | 4″×50′ | 5,000 | 15,000 |
| LCW460FH | 4″×60′ | 5,500 | 16,500 |
| **WITH WIRE HOOK** | | | |
| LCW227WH | 2″×27′ | 3,333 | 10,000 |
| LCW230WH | 2″×30′ | 3,333 | 10,000 |
| LCW427WH | 4″×27′ | 6,667 | 20,000 |
| LCW430WH | 4″×30′ | 6,667 | 20,000 |

## MISCELLANEOUS WINCH STRAPS & PARTS

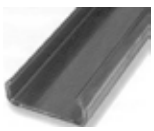


RS406H

| PN | DESCRIPTION | WLL (LB) |
|---|---|---|
| LCV220LE | 2″×20′ — Reinforced Tow Strap w/ Loop Ends | 18,000 |
| RS406H | 4″×6′ Roll-Off Strap | |

## WINCH TRACK

- Tapered and angled at the end. Heat treated for added strength and durability.



LC13S

| PN | DESCRIPTION | WEIGHT (LB) |
|---|---|---|
| LC13S | Steel 6′ Length — Painted Black | 37.93 |

## RATCHET STRAPS



LCR227WH-SH



LCR327CA



LCR230FH

LCR227TSH





LCR227FH-SH

| PN | SIZE | WLL (LB) | MBS (LB) |
|---|---|---|---|
| **WITH WIRE HOOK AND STANDARD HANDLE** | | | |
| LCR227WH-SH | 2″×27′ | 3,333 | 10,000 |
| LCR230WH-SH | 2″×30′ | 3,333 | 10,000 |
| **WITH ANCHOR CHAIN AND LONG WIDE HANDLE** | | | |
| LCR227CA | 2″×27′ | 3,333 | 10,000 |
| LCR230CA | 2″×30′ | 3,333 | 10,000 |
| LCR327CA | 3″×27′ | 5,000 | 15,000 |
| LCR330CA | 3″×30′ | 5,000 | 15,000 |
| LCR430CA | 4″×30′ | 5,400 | 16,200 |
| **WITH FLAT HOOK** | | | |
| LCR227FH | 2″×27′ | 3,333 | 10,000 |
| LCR230FH | 2″×30′ | 3,333 | 10,000 |
| LCR232FH | 2″×32′ | 3,333 | 10,000 |
| LCR235FH | 2″×35′ | 3,333 | 10,000 |
| LCR240FH | 2″×40′ | 3,333 | 10,000 |
| LCR250FH | 2″×50′ | 3,333 | 10,000 |
| LCR327FH | 3″×27′ | 5,000 | 15,000 |
| LCR330FH | 3″×30′ | 5,000 | 15,000 |
| LCR427FH | 4″×27′ | 5,000 | 15,000 |
| LCR430FH | 4″×30′ | 5,000 | 15,000 |
| **WITH FLAT SNAP HOOK** | | | |
| LCR227FH-SH | 2″×27′ | 3,333 | 10,000 |
| LCR230FH-SH | 2″×30′ | 3,333 | 10,000 |
| **WITH TWISTED SNAP HOOK & SHORT HANDLE** | | | |
| LCR227TSH | 2″×27′ | 3,333 | 10,000 |
| LCR230TSH | 2″×30′ | 3,333 | 10,000 |
| **WITH FLAT HOOK & STANDARD HANDLE** | | | |
| LCR227FH-SH | 2″×27′ | 3,333 | 10,000 |
| **WITH FLAT HOOK & SHORT WIDE HANDLE** | | | |
| LCR227FH-SW | 2″×27′ | 3,333 | 10,000 |

## RATCHET STRAPS, continued




| PN | SIZE | WLL (LB) | MBS (LB) |
|---|---|---|---|
| **WITH D RING & LONG WIDE HANDLE** | | | |
| LCR227DR | 2″×27′ | 3,333 | 10,000 |
| **WITH WIRE HOOK & LONG WIDE HANDLE** | | | |
| LCR227WH | 2″×27′ | 3,333 | 10,000 |
| LCR227WH-CAMO | 2″×27′ | 3,333 | 10,000 |
| LCR230WH | 2″×30′ | 3,333 | 10,000 |
| LCR327WH | 3″×27′ | 5,000 | 15,000 |
| LCR427WH | 4″×27′ | 6,667 | 20,000 |
| LCR430WH | 4″×30′ | 6,667 | 20,000 |

## LOGISTIC STRAPS


LCC216-E


LCC220-E

| PN | DESCRIPTION | WEIGHT (LB) | WLL (LB) |
|---|---|---|---|
| **WITH CAM BUCKLE** | | | |
| LCC212-E | 2″×12′ w/ Spring E Fitting — Yellow | 3.2 | |
| LCC216-E | 2″×16′ w/ Spring E Fitting — Gray | 3.3 | |
| LCC220-E | 2″×20′ w/ Spring E Fitting — Blue | 3.4 | |
| LCC212-3P | 2″×12′ w/ 3 piece E Fitting — Yellow | 1.9 | |
| **LOGISTIC STRAP WITH RATCHET** | | | |
| LCL212-E | 2″×12′ w/ Spring E Fitting — Yellow | 3.2 | |
| LCL216-E | 2″×16′ w/ Spring E Fitting — Gray | 3.3 | |
| LCL220-E | 2″×20′ w/ Spring E Fitting — Blue | 3.4 | |
| LCL212-W | 2″×12′ w/ Wire hooks — Yellow | 3.2 | |
| LCL216-MP | 2″×16′ Multi-Purpose, w/ Wire Hooks and Spring E Fittings — Gray | 3.2 | |
| LCL220-MP | 2″×20′ Multi-Purpose, w/ Wire Hooks and Spring E Fittings — Blue | 3.2 | |

## STRAPS



LCR2-18FE



LCU309



LCU412



LCU115-4



LCU515

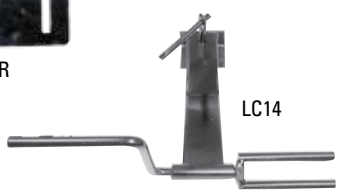
| PN | DESCRIPTION |
|---|---|
| **FIXED ENDS W/ FLAT HOOKS** | |
| LCR2-18FE | 2″×18″ w/ Ratchet |
| LCR318FE | 3″×18″ w/ Ratchet |
| LCR4-18FE | 4″×18″ w/ Ratchet |
| LCR4-18FENR | 4″×18″ w/o Ratchet |
| **RATCHET, 1″ HEAVY DUTY** | |
| LCU306 | 6′ w/ Vinyl Coated S Hooks |
| LCU309 | 9′ w/ Vinyl Coated S Hooks |
| LCU312 | 12′ w/ Vinyl Coated S Hooks |
| LCU315 | 15′ w/ Vinyl Coated S Hooks |
| LCU315-1* | 15′ w/ Vinyl Coated S Hooks — 1 Piece Retail Pack |
| LCU320 | 20′ w/ Vinyl Coated S Hooks |
| LCU412 | 12′ w/ Wire Hook & D Rings |
| LCU415 | 15′ w/ Wire Hook & D Rings |
| LCU420 | 20′ w/ Wire Hook & D Rings |
| **RATCHET, 1″ LIGHT DUTY** | |
| LCU106 | 6′ w/ Vinyl Coated S Hooks |
| LCU109 | 9′ w/ Vinyl Coated S Hooks |
| LCU112 | 12′ w/ Vinyl Coated S Hooks |
| LCU115 | 15′ w/ Vinyl Coated S Hooks |
| LCU115-4* | 15′ w/ Vinyl Coated S Hooks — 4 Piece Retail Pack |
| LCU220 | 12′ w/ Wire Hook & D Rings |
| **CAM BUCKLE, 1″ LIGHT DUTY** | |
| LCU506 | 6′ w/ Vinyl Coated S Hooks |
| LCU515 | 15′ w/ Vinyl Coated S Hooks |

## WEB ACCESSORIES


LC15P


LC15S


LC15-4R


LC14

| PN | DESCRIPTION |
|---|---|
| **CORNER PROTECTORS** | |
| LC15L | 13.5" Wide Steel |
| LC15P | Plastic, Use with 2" — 4" Webbing |
| LC15S | 5" Steel, Use with Chain, Cable, Rope or Webbing |
| **WEBBING PROTECTOR** | |
| LC15-4R | Rubber Webbing Protector for 3" or 4" Straps |
| **STRAP WINDER** | |
| LC14 | Steel Winder for 2", 3" and 4" Webbing |

## WINCH BARS

LC12C




LC12CC


LC12CP

| PN | DESCRIPTION | WEIGHT (LB) |
|---|---|---|
| LC12C | Standard Chrome | 5.0 |
| LC12P | Standard Painted | 5.0 |
| LC12CC | Box End — Combination — Chrome | 6.5 |
| LC12CP | Box End — Combination — Painted | 6.5 |
| LC12EC | Expanded End — Combination — Chrome | 5.96 |
| LC12EP | Expanded End — Combination — Painted | 5.96 |

## CARGO BARS & ACCESSORIES

- Expands to fit securely without putting excess pressure on trailer walls
- Not given load capacities because trailer sidewalls vary



LC45S



LC45JS



LC45BFL



LC45CBH



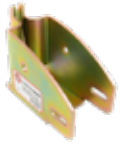
CC5010

| PN | DESCRIPTION | WT (LB) |
|---|---|---|
| **PADDLE HANDLE CARGO BARS, ONE-PIECE** | | |
| LC45S | Steel, w/ 2"× 4" Bolt-on Feet, 89" — 105" Extension | 8.9 |
| LC45A | Aluminum, w/ 2"× 4" Bolt-on Feet, 89" — 105" Extension | 8.9 |
| **JACK CARGO BARS, ONE PIECE, WITH 4"×4" BOLT-ON FEET** | | |
| LC45JR | Round, 90" — 105" Extension | 18.0 |
| LC45JS | Square, 90" — 105" Extension | 18.0 |
| LC45JSH | With Welded Hoops, 90" — 105" Extension | 25.0 |
| **REPLACEMENT PARTS** | | |
| LC45BFL | 2"× 4" Bolt-on Feet, Large Tube | |
| LC45BFL-4X4 | 4"× 4" Bolt-on Feet, Large Tube | |
| LC45BFS | 2"× 4" Bolt-on Feet, Large Tube | |
| LC45BFS-4x4 | 4"× 4" Bolt-on Feet, Large Tube | |
| LC45PHK | Paddle Handle Kits | |
| LC45SHS | Steel Cargo Bar Hoop Set w/ Brackets & Hardware | |
| **HOLDER, RUST-RESISTANT GALVANIZED STEEL** | | |
| LC45CBH | Holds 2 Cargo Bars w/ Locking Mechanism, Sizes 2"× 4", 4"× 4" | 5.5 |
| **ADJUSTABLE CARGO BAR** | | |
| CC5010 | Smart Bar adjusts from 48"–108" Heavy Duty | |

## DECKING / SHORING BEAMS & PARTS



LC40A-96



LCE10-WBS

| PN | DESCRIPTION | DECKNG WLL (LB) | SHORING WLL (LB) | WEIGHT (LB) |
|---|---|---|---|---|
| **BEAMS — WITH ADJUSTABLE RANGE** | | | | |
| LC40A-96 | Aluminum, 85.7" – 96.6" Range | 2,200 | 2,000 | 16.0 |
| LC40A-102 | Aluminum, 92.1" – 102.9" Range | 2,200 | 2,000 | 18.0 |
| LC40A-96HD | Aluminum, 85.7" – 96.6" Range | 3,000 | 2,500 | 23.5 |
| LC40A-102HD | Aluminum, 92.1" – 102.9" Range | 3,000 | 2,500 | 25.5 |
| LC40S-102 | Steel, 92.1" – 102.9" Range | 1,500 | 1,500 | 27.0 |
| **REPLACEMENT PARTS** | | | | |
| LC40A-C | Aluminum Channel | | | |
| LCE10-WBS | Standard E-Track Wood Beam Socket, use with 2"×6" Lumber | | | 9.9 |

NOTE: Working load limits of lumber varies widely.

## COIL RACKS

- One piece construction for extra support

| | PN | DESCRIPTION |
|---|---|---|
|  LC16 | LC16 | Light Duty, 33" long, 2-3/4" wide, 2-1/2" tall |
| LC16HD  | LC16HD | Heavy Duty, 38-1/2" long, 3-3/4" wide, 2-1/2" tall |

## ATTACHMENT HARDWARE

| | PN | SIZE | MBS (LB) | WLL (LB) |
|---|---|---|---|---|
|  LC98-D2 | **DELTA RINGS** | | | |
| | LC98-DR4 | 4" | 20,000 | 6,666 |
| | **WIRE D RING** | | | |
| | LC98-D2 | 2" | 5,500 | 1,833 |
|  LC98-RTJ | **RTJ CLUSTER HOOK** | | | |
| | LC98-RTJ | 2" | 11,732 | 3,911 |
| | **STAINLESS STEEL QUICK LINKS** | | | |
| | LC98-QL-4 | 1/4" | 7,940 | 2,647 |
|  LC98-QL-5 | LC98-QL-5 | 5/16" | 10,000 | 3,333 |
| | LC98-QL-6 | 3/8" | 15,200 | 5,067 |
| | **LONG WIDE HANDLE** | | | |
|  LC99-RH2 | LC99-RH2 | 2" | 11,000 | 3,666 |
| | LC99-RH4 | 4" | 22,000 | 7,333 |
| | **STANDARD HANDLE** | | | |
|  LC99-RH2SH | LC99-RH2SH | 2" | 11,000 | 4,400 |
| | **SHORT WIDE HANDLE** | | | |
| | LC99-RH2SW | 2" | 11,000 | 3,666 |

## ROPE & LASHING RINGS / PINS

- Rope and lashing rings are tie down points in the interior of the trailer
- Working load limits are equal to 1/3 of maximum breaking strength



LC19-20



LC19-60



B38



B40PKGD



B46PKGD



B50PKGD



B5055



CSS-8

| PN | DESCRIPTION | MBS (LB) |
|---|---|---|
| **ROPE RINGS — RECESSED** | | |
| LC19-20 | Recessed Surface Mount | 500 |
| **ROPE RINGS — STANDARD** | | |
| LC19-60 | Light Duty, 1-1/2" Wide Ring | 700 |
| LC19-62 | 2" Wide D Ring | 3,000 |
| **FORGED RINGS, WITH BRACKET** | | |
| B38 | 3-3/8" Wide — 1/2" Diameter | 11,781 |
| B40PKGD | 4-1/4" Wide — 5/8" Diameter | 18,390 |
| B46PKGD | 4-1/2" Wide — 3/4" Diameter | 26,500 |
| B50PKGD | 5" Wide — 1" Diameter | 46,760 |
| B5055 | 5" Wide — 1" Diameter, Lower Half is Angled 55° | 46,760 |
| **ANCHOR SHACKLE SCREW PINS** | | |
| CSS-8 | 1/2" | |
| CSS-10 | 5/8" | |
| CSSF-12 | 3/4" | |
| CSSF-6 | 3/8" | |
| CSSF-8 | 1/2" | |

## TRACK & FITTINGS



LCE10HG



LCE10HP



LCE10-1C

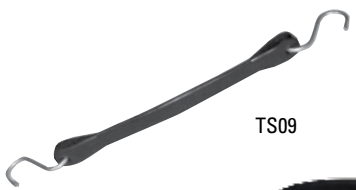


LCT6-E

| PN | DESCRIPTION | WT (LB) |
|---|---|---|
| **E TRACK SERIES — 12 GAUGE 50,000 PSI HIGH-STRENGTH STEEL** | | |
| LCE2HG | 2' Galvanized — Horizontal | 3.1 |
| LCE5HP | 5' Painted — Horizontal | 7.5 |
| LCE10HG | 10' Galvanized — Horizontal | 16.09 |
| LCE10HP | 10' Green Powder Coated Paint — Horizontal | 16.11 |
| **E TRACK SERIES FITTINGS** | | |
| LCE10-2D | Spring Fitting w/ 2" D Ring — 2,000 lb WLL | 0.33 |
| LCE10-1C | Spring Fitting w/ Ring | 0.51 |
| **E TRACK SERIES ROPE TIE OFFS** | | |
| LCT6-E | 6" w/ Spring E Fitting — WLL 1,000 lb — MBS 3,000 lb | 0.40 |

## TARP STRAPS

- 100% EPDM rubber construction meets / exceeds ASTM standards
- Tensile strength 2,558 psi
- Load at break 264.6 lb
- Elongation at 50 lb — 100%
- Elongation at break — 500%
- Durometer 58 IRHD
- Stretch recovery 98.8%
- Low temperature -51° C / -59° F







| | PN | LENGTH | STANDARD PACKAGE |
|---|---|---|---|
| **WITH ATTACHED HOOKS, BUILT-UP ENDS** | | | |
| | TS09 | 9″ | 100 |
| | TS15 | 15″ | 100 |
| | TS21 | 21″ | 100 |
| | TS31 | 31″ | 100 |
| | TS41 | 41″ | 100 |
| **REPLACEMENT S HOOK** | | | |
| | TSHOOK | | 100 |

## TARP SIZES

**Standard Tarp Features**

- Double-folded hem
- Grommets every 4′
- 6″ Pocket
- Spline sewn into front hem
- 2″ webbing sewn over side hems — standard on all mesh tarps

| PN | SIZE | PN | SIZE |
|---|---|---|---|
| **HEAVY-DUTY MESH** | | | |
| 1800141 | 7′× 10′ | 1800000 | 7′6″× 10′ |
| 1801280 | 7′× 12′ | 1800001 | 7′6″× 12′ |
| 1801281 | 7′× 14′ | 1800002 | 7′6″× 14′ |
| 1801282 | 7′× 16′ | 1800003 | 7′6″× 16′ |
| LSM716 | 7′× 16′ | 1800004 | 7′6″× 18′ |
| 1801283 | 7′× 18′ | 1800005 | 7′6″× 20′ |
| LSM718 | 7′× 18′ | 1800006 | 7′6″× 22′ |
| 1801284 | 7′× 20′ | 1800007 | 7′6″× 24′ |
| LSM720 | 7′× 20′ | 1800008 | 7′6″× 26′ |
| 1801459 | 7′× 22′ | 1800652 | 7′6″× 28′ |
| 1801429 | 7′× 24′ | 1800009 | 7′6″× 30′ |
| 1801460 | 7′× 26′ | 1800010 | 7′6″× 32′ |
| 1801578 | 7′× 28′ | 1802163 | 7′6″× 34′ |
| 1801577 | 7′× 30′ | 1802100 | 7′6″× 36′ |
| 1800142 | 7′× 32′ | 1808617 | 7′6″× 38′ |
| 1803029 | 7′× 44′ | 1808618 | 7′6″× 40′ |

| PN | SIZE | PN | SIZE |
|---|---|---|---|
| **MULTI-COLORED PVC MESH** | | | |
| 1801731 | 7′ × 12′ | 1801744 | 7′6″ × 16′ |
| 1801732 | 7′ × 14′ | 1801745 | 7′6″ × 18′ |
| 1801733 | 7′ × 16′ | 1801746 | 7′6″ × 20′ |
| 1801734 | 7′ × 18′ | 1801747 | 7′6″ × 22′ |
| 1801735 | 7′ × 20′ | 1801748 | 7′6″ × 24′ |
| 1801736 | 7′ × 22′ | 1801749 | 7′6″ × 26′ |
| 1801737 | 7′ × 24′ | 1801750 | 7′6″ × 28′ |
| 1801738 | 7′ × 26′ | 1801751 | 7′6″ × 30′ |
| 1801739 | 7′ × 28′ | 1801752 | 7′6″ × 32′ |
| 1801740 | 7′ × 30′ | 1801753 | 7′6″ × 34′ |
| 1801741 | 7′6″ × 10′ | 1801754 | 7′6″ × 36′ |
| 1801742 | 7′6″ × 12′ | 1801755 | 7′6″ × 38′ |
| 1801743 | 7′6″ × 14′ | 1801756 | 7′6″ × 40′ |

## TARP SIZES, continued

| PN | SIZE |
|---|---|
| **18-OZ VINYL** | |
| 1800522 | 7′ × 10′ |
| 1800523 | 7′ × 12′ |
| 1800524 | 7′ × 14′ |
| 1800525 | 7′ × 16′ |
| 1800526 | 7′ × 18′ |
| 1800527 | 7′ × 20′ |
| 1800528 | 7′ × 22′ |
| 1800529 | 7′ × 24′ |
| 1800530 | 7′ × 26′ |
| 1800256 | 7′6″ × 10′ |
| 1800257 | 7′6″ × 12′ |
| 1800258 | 7′6″ × 14′ |
| 1800259 | 7′6″ × 16′ |
| 1800260 | 7′6″ × 18′ |
| 1800261 | 7′6″ × 20′ |
| 1800262 | 7′6″ × 22′ |
| 1800263 | 7′6″ × 24′ |
| 1800264 | 7′6″ × 26′ |

| PN | SIZE |
|---|---|
| **18-OZ VINYL W/SIDE FLAPS** | |
| 1801607 | 9′ × 16′ |
| 1801608 | 9′ × 18′ |
| 1801609 | 9′ × 20′ |
| 1801610 | 9′ × 22′ |
| 1801606 | 9′6″ × 16′ |
| 1801022 | 9′6″ × 18′ |
| 1801023 | 9′6″ × 20′ |
| 1801611 | 9′6″ × 22′ |

| PN | SIZE |
|---|---|
| **ASPHALT LUMITE** | |
| 1800562 | 7′ × 12′ |
| 1800563 | 7′ × 14′ |
| 1800564 | 7′ × 16′ |
| 1800565 | 7′ × 18′ |
| LSA718 | 7′ × 18′ |
| 1800566 | 7′ × 20′ |
| LSA720 | 7′ × 20′ |
| 1800567 | 7′ × 22′ |
| 1800568 | 7′ × 24′ |
| 1800569 | 7′ × 26′ |
| 1800143 | 7′6″ × 10′ |
| 1800074 | 7′6″ × 12′ |
| 1800075 | 7′6″ × 14′ |
| 1800076 | 7′6″ × 16′ |
| 1800077 | 7′6″ × 18′ |
| 1800078 | 7′6″ × 20′ |
| 1800079 | 7′6″ × 22′ |
| 1801580 | 7′6″ × 24′ |
| 1801581 | 7′6″ × 26′ |

## TARP MOTORS

**Standard Motor Features**

- 90:1 gear ratio provides extra torque
- 100% sealed motor and gear casings
- Solid vase end bell
- 100% quality control tested
- Replaces all competitor motors
- Fits all competitor front-to-rear systems
- 3-year warranty

| | PN | DESCRIPTION |
|---|---|---|
|  1704874  1800716 | 1704878 | 12V, 900W, 3-Year Warranty |
| | 1800716 | 24V, 900W, 3-Year Warranty |
|  1802061  1802066 | 1802061 | 12V, 600W, 3-Year Warranty |
| | 1802066 | 600W, 1-Year Warranty |

## TIRE ACCESSORIES & TOOLS


32818


CPY33


5GSEATP

| PN | DESCRIPTION |
|---|---|
| **TIRE CHECKER** | |
| 32818 | Tire Knocker w/ Light |
| BAT | 9" Tire Checker |
| **WHEEL INDICATORS** | |
| | Lug nuts should be inspected by drivers or service technicians. Checkpoint provides a clear, visual indication of nut movement, showing a loss in vital clamping force. If the arrow has moved, the nut has loosened and should be checked. Available in 21 sizes from 17-46 mm, Checkpoint also shows overheating at the wheel end with standard and high-temp options. |
| CPY21 | Checkpoint 21 mm — Yellow |
| CPY22 | Checkpoint 22 mm — Yellow |
| CPY33 | Checkpoint 33 mm — Yellow |
| CPY38 | Checkpoint 38 mm — Yellow |
| CPCYPP33 | Checkpoint Point to Point 33 mm — Yellow |
| CPOHTPP33 | Checkpoint High Temp Point to Point Indicators 33 mm — Orange |
| CPTR38 | CheckTorque Re-torque indicators 38 mm — Red |
| CPTRPP33 | CheckTorque Point to Point Indicators 33 mm — Red |
| CPDTY33 | Dustite® Nut Cover Indicator 33 mm — Yellow |
| **TIRE IMPACT BEAD TOOLS** | |
| 5GSEATP | Power Products 5 Gallon Bead Seater |
| CH-5 | 5 Gallon Bead Seater |
| **HEAVY DUTY MOUNTING SPOONS** | |
| | Mount/de-mount spoons quickly and efficiently change car, light truck, motorcycle or ATV tires. 30" models work on large trucks, buses, aircraft, or offroad tires. |
| 33219 | 30" Long — Straight — 11/16" Stock |
| 33220 | 30" Long — Curved — 11/16" Stock |
| **TUBELESS TIRE MOUNT/DEMOUNT IRONS** | |
| | The original T45 design offers one piece construction, and insures longer life. The T45A 2000K model is a new design which allows for less effort, with an improved blade and knob design. Tip on one end for "grabbing" the rim. |
| 34647 | 41" Long — 1 Piece — 7/8" Stock T45HD |
| 34847 | 52" Long — 1 Piece — 1" Stock T47A |
| 34644 | 37" Long — T45A — 200K Design — 3/4" Stock |
| 34645 | 37" Long — T45A — 3/4" Stock |
| 34645C | T45AC Classic Tubeless Tire Iron |
| 34747 | 36" Long —3/4" Stock T46A |
| 35440 | Blue Cobra® Truck Tire Dismount Tool |
| **DUCK BILLED BEAD BREAKING WEDGES** | |
| 35429 | 32" Fiberglass Handle — 11 lb TG11E |
| **OTHER** | |
| 30609 | TX9 Cap Nut Wrench 1-1/2 |
| 35310 | T32 17 2 Rubber Mallet |

## TIRE REPAIR



11-323



15-0472



15-2173

| PN | DESCRIPTION | BULK PN |
|---|---|---|
| **COMMERCIAL** | | |
| 11-323 | 3-1/4" (82 mm) Large Round | |
| 11-810 | 2-3/8" x 3" (60 mm x 75 mm) Radial 10, 1 Ply | |
| 12-356 | Tire Repair Kit w/ 4" String Inserts, Chrome Handle Tools | |
| 12-357 | Tire Repair Kit w/ 8" String Inserts, Metal Handle Tools | |
| 12-362 | 8" (204 mm) Fat, Brown String | |
| 13-674 | Patch: 2-1/8" (55 mm), Stem: 3/8" (8.5 mm) | |
| 14-008 | 8 oz (236 ml) Vulcanizing Cement, Flammable | |
| 14-100 | 32 oz (945 ml) Buffing Solution, Flammable | |
| 14-511 | 8 oz (236 ml) HD Supr-Blu Cement, Flammable | |
| **CARDED** | | |
| 15-005 | Tubeless Tire Repair Kit | — |
| 15-0308 | Buffer Stitcher | 14-308 |
| 15-0472 | Bias-Ply Agricultural Repair, 4-1/2" & 5-1/2" | — |
| 15-3607 | Tread Depth Gauge | 17-607 |
| 15-553 | White Paint Stick | 14-553 |
| **BALANCING BEADS** | | |
| 16-310 | 10 oz Throw-in Bag-in-Bag | — |
| 16-312 | 12 oz Throw-in Bag-in-Bag | — |
| **VALVE HARDWARE — CAPS, CORES, EXTENSIONS & TOOLS** | | |
| — | Large Bore / Std. Bore Core Remover Tool | 17-172 |
| 15-2173 | TPMS Valve Core Torque Tool | 17-173 |
| 15-3174 | Standard Core Remover | 17-174 |
| 15-4579 | Double Seal Valve Caps, 4/CD | 17-579 |
| 15-4580 | RV Dual Valve Ext. | 17-580 |
| 15-4904 | TPMS Valve Cores, Red | 17-490T |
| 15-4911 | Slot Head Valve Caps | 17-491S |
| 15-4915 | High Heat Dome Cap | 17-491D |
| 15-4922 | Black Cap w/ Grommet | 17-492-1 |
| 15-604 | 4-Way Valve Tool | 17-604 |
| — | High Temperature Valve Core (Short) (TR C-1) | 17-490HT |
| — | TR VC-3 Long Skirted Metal Dome Cap | 17-491D |
| 15-4961 | 3/4" Metal Valve Extension | 17-496B |
| — | 3-1/16" Metal Valve Extension Long Collar | 17-581 |
| — | 5-1/16" Metal Valve Extension Long Collar | 17-582 |

## TIRE REPAIR, continued



15-503



15-7568B

| PN | DESCRIPTION | BULK PN |
|---|---|---|
| **AIR CHUCKS** | | |
| 15-501 | Ball Foot Air Chuck | 17-501 |
| 15-503 | Ball Foot Air Chuck w/ Clip | 17-503 |
| 15-5505 | Lock-on Air Chuck | 17-505 |
| 15-7566 | Dual Foot Chuck, Angled | 17-6566C |
| 15-7568 | Dual Foot Chuck, Straight-On Tilt Lock | 17-6568C |
| 15-7568B | Premium Tilt Lock Dual Foot Chuck | 17-6568BC |
| 15-7568L | 14" Straight-On Tilt Lock Chuck (Closed) | 17-6568L |

## TIRE ACCESSORIES



15-1027



15-1045



15-1045B



15-1078



15-1313



15-1313B



15-906

| PN | DESCRIPTION | BULK PN |
|---|---|---|
| **GAUGES** | | |
| 15-1023 | Digital Tire Gauge Mini | — |
| 15-1027 | Digital Tire Gauge Truck Dual Foot | — |
| 15-1031 | Pocket Dual Foot Gauge | 17-1031 |
| 15-1027 | Digital Tire Gauge Truck Dual Foot | 17-1045C |
| 15-1045B | Truck Gauge, Straight On Dual Foot Black | 17-1045BC |
| 15-1078 | High Pressure Dial Gauge | — |
| 15-1313 | Truck Gauge, Angled Dual Foot | 17-1313 |
| 15-1313B | Truck Gauge, Angled Dual Foot Black | — |
| 15-5920 | Inflator w/ 12" Hose Dual Foot Chuck | 17-920 |
| 15-906 | Deluxe Dial Gauge Lg. Bore with Bleeder Valve | 17-906 |
| 15-908 | Tractor Tire Gauge | 17-908 |
| 15-910 | Deluxe Tire Gauge | 17-910 |
| 15-1045 | Truck Gauge, Straight On Dual Foot | — |
| 15-911 | High Pressure Gauge | 17-911 |

— continued on following page

## TIRE ACCESSORIES, continued


17-579



15-4904



15-4915



15-604



15-20008


17-545


17-573T

| | PN | DESCRIPTION | BULK PN |
|---|---|---|---|
| | **VALVE HARDWARE** | | |
| | 15-4579 | Double Seal Valve Caps, 4/CD | 17-579 |
| | 15-4580 | RV Dual Valve Ext. | 17-580 |
| | 15-4904 | TPMS Valve Cores, Red | 17-490T |
| | 15-4911 | Slot Head Valve Caps | 17-491S |
| | 15-4915 | High Heat Dome Cap | 17-4910 |
| | 15-4922 | Black Cap with Grommet | 17-492-1 |
| | 15-604 | 4-Way Valve Tool | 17-604 |
| | 15-4901 | Cores High Temp | 17-490HT |
| | 15-4961 | 3/4" Chrome Valve Extensions | 17-496B |
| | — | 3-1/16" Metal Valve Extension, Long Collar | 17-581 |
| | — | 5-1/16" Metal Valve Extension, Long Collar | 17-582 |
| | — | Zafety Lug Lock™ | 14-986 |
| | 15-20008 | Rubber Snap-in TPMS Valve for GM | 17-20008 |
| | 15-5452 | Truck Valves TR545D | 17-545D |
| | 15-572 | Truck Valves TR572 | 17-572T |
| | 15-573 | Truck Valves TR573 | 17-573T |
| | — | TR 509 Valve 0.45" Ht 4.75" Length 90% Angle | 17-509 |
| | — | TR 510 Valve 0.45" Ht 5.50" Length 90% Angle | 17-510 |
| | 15-4134 | TR #413 with Chrome Sleeve and Chrome Hex Cap | 17-413-1 |
| | 15-416 | TR #416, 1-1/2" Metal Valve, .453" and .625" Rim Hole | 17-416 |
| | — | TR #500, 2" Brass Truck Valve | 17-500T |
| | — | TR #501, 1-1/2" Brass Truck Valve | 17-501T |
| | — | TR #544D, 3" Truck Valve, 60° Bend | 17-544D |
| | — | TR #RG-60, O-Ring for TR #540 Series | 17-549 |
| | — | TR #554D, 3" Truck Valve, 60° Bend | 17-554D |
| | — | TR #570, 3-1/8" Brass Truck Valve | 17-570T |
| | — | TR #571, 3-3/8" Brass Truck Valve | 17-571T |
| | — | TR #574, 5" Brass Truck Valve | 17-574T |
| | — | TR #RG-15, EPDM Grommet for TR #500 Series | 17-577 |
| | — | TR #RG-46, Grommet for TR #509 Series | 17-578 |
| | 15-4600 | TR #600HP, 1 1/4" High Pressure Snap-In | 17-600HP |
| | — | Cap Style Large to Std. Bore Adapter | 17-856 |

## AIR LINE ACCESSORIES



15-7120



15-7151



15-7150



15-7156



15-7510

| PN | DESCRIPTION | BULK PN |
|---|---|---|
| **SETS** | | |
| 15-7120 | Type D Set  Coupler FML- Plug FML- Plug ML | — |
| 15-7120BR | 1/4" Ind Coupler Set, Brass | — |
| **PLUGS** | | |
| 15-7122 | Ind. Type D  Plug Male | — |
| 15-7132 | Ind. Type D  Plug Female | 17-232 |
| 15-7151 | Ind Type E Plug 1/2" Bdy 1/2" NPT M | 17-251 |
| 15-7180 | HyFlo Nipple Male | — |
| 15-7181 | HyFlo Nipple Female | — |
| 15-7324 | "C" Automotive Style 1/4' Bdy 1/4" NPT M Plug | 17-224 |
| 15-7325 | "G" Automotive Style 3/8' Bdy 3/8" NPT M Plug | 17-225 |
| 15-7341 | "F" Automotive Style 1/2' Bdy 1/2" NPT M Plug | 17-263 |
| 15-7342 | "F" Automotive Style 1/2' Bdy 1/2" NPT F Plug | 17-264 |
| 15-7521 | Aro Style Nipple Male | 17-221 |
| **COUPLERS** | | |
| 15-7130BR | 1/4" Industrial Style Coupler, 1/4" NPT male | 17-332 |
| 15-7150 | Ind. Type D  Coupler Female | — |
| 15-7150BR | Ind. Type D  Coupler Female Brass | — |
| 15-7156 | Ind Type E Coupler 1/2" Bdy 1/2" NPT F | 17-356 |
| 15-7170 | HyFlo Coupler Male | — |
| 15-7320 | "C" Automotive Style 1/4" Bdy 1/4" NPT F Coupler | 17-3262 |
| 15-7320BR | "C" Automotive Style 1/4" Bdy 1/4" NPT F Coupler Brass | 17-326 |
| 15-7327BR | 3/8" Automotive Coupler, 1/4" FPT, Brass | — |
| 15-7510 | Aro Style Coupler Female | 17-3421 |
| 15-7510BR | Aro Style Coupler Female Brass | 17-342 |
| **AIR HOSE** | | |
| 17-942T | 50' x 3/8" Hybrid Air Hose, 1/4" NPT, Taco Pack | — |
| ST338HDV | Shop Hose — 3/8" MPT — 300 PSI — 50' | |
| ST350HDV | Shop Hose — 1/2" MPT — 1/2" Hose for 3/4" to 1" Impacts — 50' | |

## WHEEL END TOOLS

| | PN | DESCRIPTION |
|---|---|---|
|  5085 | **HUB OIL SEAL PULLER** | |
| | 5085 | This heavy duty tool removes hub seals on truck and trailer axles, including truck steer axles |
|   4651-0420 | **SLACK ADJUSTER TOOLS** | |
| | 5056 | Universal Automatic Manual Slack Puller |
| | 4651-0420 | 2 pc Set for Rockwell Slack Adjusters |
|  5081 | **BRAKE TOOLS** | |
| | 5081 | Brake Spring Remover |
|  ST7248 | **ANCHOR PIN PRESS** | |
| | ST7248 | Press Out Tool for Anchor Pins up to 1-1/4" Diameter |

## SLACK ADJUSTER REPAIR KIT†

- Reinforces the typical failure point, and provides a longer lasting repair
- No special tools necessary
- Includes two tabs, locator pin and four screws

| | PN | DESCRIPTION |
|---|---|---|
|  924-5003CD | 924-5003CD | Air Brake Slack Adjuster Repair Kit |

## DRAIN PANS

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  WDP3LHDV  42008 | WDP3LHDV | Wheel Drain Pan | 3 L |
| | 19852 | Truck & Trailer Wheel Pan | 3 L |
| | 42008 | Oil Drain Pan | 58 qt |
| | STOP15 | Lowboy Oil Drain Pan | 15 gal |

## CREEPERS

| | PN | DESCRIPTION | BRAND |
|---|---|---|---|
|  | 92102 | Plastic Creeper (Red) | Lisle Corporation |
| | 93102 | Plastic Creeper (Yellow) | Lisle Corporation |
| | 94102 | Plastic Creeper (Blue) | Lisle Corporation |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## DOLLIES




| PN | DESCRIPTION | BRAND |
|---|---|---|
| **SINGLE WHEEL DOLLY** | | |
| STWD | Fits 36" — 48" Tires — 300 lb Capacity | OTC |
| 5096A | Fits 36" — 48" Tires — 300 lb Capacity | OTC |
| **DUAL WHEEL DOLLY** | | |
| 47053 | Omega 3/4 Ton Capacity — Weighs 158.84 lb | OmegaLift |
| **BRAKE DRUM DOLLY** | | |
| 46000 | Handles Both 15" & 16.5" Drums — Handle Rotates for Easy Lifting and Lowering of Drums | OmegaLift |
| **DRUM CADDY DOLLY** | | |
| DC500 | Drum Caddy | Power Products |

## JACKS / JACK STANDS


10200J


18204C


43000


32125B


3314

| PN | CAP TONS | MINIMUM HEIGHT | LIFT HEIGHT | EXTENSION SCREW |
|---|---|---|---|---|
| **IN-LINE BOTTLE JACKS** | | | | |
| 10200J | 20 | 9-1/2" | 5-15/16" | 2-3/8" |
| 10208 | 20 | 6-1/2" | 3-1/8" | 1-5/8" |
| **STANDARD BOTTLE JACKS** | | | | |
| 3520 | 20 | | | |
| 18204C | 20 | | | |
| **AIR ACTUATED BOTTLE JACKS** | | | | |
| 18204C | 20 | 10-7/16" | 20-1/16" | — |
| **TRANSMISSION JACK** | | | | |
| 43000 | 1.5 | 9" | 29-7/8" | — |
| 5019A | 1.1 | 8" | 36-1/2" | — |
| **AIR/HYDRAULIC FLOOR JACKS** | | | | |
| 1788B | 22 | 8-1/4" | 17" | — |
| **AIR LIFT JACK STAND** | | | | |
| STAL10 | 10 | — | 17-3/8"–51-3/4" | — |
| **PIN TYPE TRUCK STANDS** | | | | |
| 32125B | 12 | 18-1/8" | 28" | — |
| 3314 | 20 | 12" | 20" | — |
| 32107 | 22 | 12-1/8" | 19-7/8" | — |
| 1780 | 22 | 13-7/8" | 19-7/8" | — |

NOTE: Jacks are for lifting only. Always support load with stands.

## SHOP HOSE ASSEMBLIES

| | PN | DESCRIPTION |
|---|---|---|
|  SH50AK | SH50AK | Emergency Air Up w/ Gladhand & Air Chuck — 50′ |
| | ST338HDV | Shop Hose — 3/8″ MPT — 300 PSI — 50′ |
| | ST350HDV | Shop Hose — 1/2″ MPT — 1/2″ Hose for 3/4″ to 1″ Impacts — 50′ |

## AIR IMPACT WRENCHES

| | PN | SIZE | MATERIAL | FT LB/ TORQUE RATING | WEIGHT |
|---|---|---|---|---|---|
|  2235TIMAX  261 | 231C | 1/2″ | Steel | 575 | 6.5 lb |
| | 2235TiMAX | 1/2″ | Titanium | 780 | 5 lb |
| | 261 | 3/4″ | Steel | 1100 | 16 lb |
|  285B-6 | 2145QiMAX | 3/4″ | Steel | 1250 | 8 lb |
| | 285B-6 | 1″ | Steel | 1750 | 29 lb |

## IMPACT SOCKETS

| | PN | DESCRIPTION | TYPE | SOCKET | SIZE |
|---|---|---|---|---|---|
|    | **ADAPTERS** | | | | |
| | ST1024AFBP | Impact Adapter 1″ (F) × 3/4″ (M)-Ball Type | Ball | 1 | 3/4 |
| | ST1024APHP | Impact Adapter 1″ (F) × 3/4″ (M)-Pin Type | Pin | 1 | 3/4 |
| | ST3432AFBP | Impact Adapter 3/4″ (F) × 1″ (M)-Ball Type | Ball | 3/4 | 1 |
| | ST3416AFBP | Impact Adapter 3/4″ (F) × 1/2″ (M)-Ball Type | Ball | 3/4 | 1/2 |
| | ST3432APHP | Impact Adapter 3/4″ (F) × 1″ (M)-Pin Type | Pin | 3/4 | 1 |
| | **EXTENSION BAR** | | | | |
| | ST3403EFBP | Impact Extension Bar, 3/4″ × 75 mmL | Extension Bar | 3/4 | 75 |
| | **BUDD IMPACT SOCKETS** | | | | |
| | ST1048DBP | Deep Budd Limited Socket Impact Socket, 1″ × 1-1/2″ | Deep | 1 | 1-1/2 |
| | ST1013SP | 4PT Std Budd Impact Socket, 1″ Dr × 13/16″ | Standard | 1 | 13/16 |
| | ST3413SHDP | 4PT Deep Budd Impact Socket, 3/4″ Dr × 13/16″ | Deep | 3/4 | 13/16 |
| | ST3413SP | 4PT Std Budd Impact Socket, 3/4″ Dr × 13/16″ | Standard | 3/4 | 13/16 |

## IMPACT SOCKETS, continued

| | PN | DESCRIPTION | TYPE | SOCKET | SIZE |
|---|---|---|---|---|---|
| | **IMPACT SOCKETS** | | | | |
| | ST1042DTP | Thin Wall Deep Impact Socket, 1" Dr. × 1-5/16" | Deep | 1 | 1-5/16 |
| | ST1048DP | Deep Impact Socket, 1" Dr. × 1-1/2" | Deep | 1 | 1-1/2 |
| | ST1042DP | Deep Impact Socket, 1" Dr. × 1-5/16" | Deep | 1 | 1-5/16 |
| | ST1060DP | Deep Impact Socket, 1" Dr. × 1-7/8" | Deep | 1 | 1-7/8 |
| | ST1084DP | Deep Impact Socket, 1" Dr. × 2-5/8" | Deep | 1 | 2-5/8 |
| | ST1030MDP | Deep Impact Socket, 1" Dr. × 30 | Deep | 1 | 30 |
| | ST1048P | Std Impact Socket, 1" Dr. × 1-1/2" | Standard | 1 | 1-1/2 |
| | ST1033MP | Std Impact Socket, 1" Dr. × 33 | Standard | 1 | 33 |
| | ST3448DP | Deep Impact Socket, 3/4" Dr. × 1-1/2" | Deep | 3/4 | 1-1/2 |
| | ST3442DP | Deep Impact Socket, 3/4" Dr. × 1-5/16" | Deep | 3/4 | 1-5/16 |
| | ST3472DP | Deep Impact Socket, 3/4" Dr. × 2-1/4" | Deep | 3/4 | 2-1/4 |
| | ST3444MDP | Deep Impact Socket, 3/4" Dr. × 44 | Deep | 3/4 | 44 |
| | ST3472P | Std Impact Socket, 3/4" Dr. × 2-1/4" | Standard | 3/4 | 2-1/4 |

* NOTE: Use sockets with 3/4" square-drive, manually powered handles only. Warranty void if tool is subjected to impact wrench use.

## SOCKET ADAPTERS

| | PN | SIZE / TYPE |
|---|---|---|
| | ST1024AFB | 1" Female to 3/4" Male — Friction Ball |
| | ST1024APH | 1" Female to 3/4" Male — Pin Hole |
| | ST3432AFB | 3/4" Female to 1" Male — Friction Ball |
| | ST3432APH | 3/4" Female to 1" Male — Pin Hole |

## AXLE NUT SOCKETS



ST1909

| | OTC PN | POWER PRODUCTS PN | LANG PN | POINTS | SIZE |
|---|---|---|---|---|---|
| | 1901 | ST1901 | — | 6 | 2-3/32″ |
| | 1902 | ST1902 | 1202 | 6 | 2-3/8″ |
| | 1903 | ST1903 | 1203 | 8 | 2-3/8″ |
| | 1904 | ST1904 | — | 6 | 2-9/16″ |
| | 1905 | ST1905 | 1205 | 8 | 2-9/16″ |
| | 1906 | ST1906 | — | 6 | 3″ |
| | 1907 | — | — | 8 | 3″ |
| | 1908 | ST1908 | 1208 | 6 | 3-1/4″ |
| | 1909 | ST1909 | — | 8 | 3-1/4″ |
| | 1910 | ST1910 | 1210 | 6 | 3-1/2″ |
| | 1911 | ST1911 | 1211 | 8 | 3-1/2″ |
| | 1912 | ST1912 | 1212 | 6 | 3-7/8″ |
| | 1913 | ST1913 | 1213 | 8 | 3-7/8″ |
| | 1914 | ST1914 | 1214 | 6 | 4″ |
| | 1915 | ST1915 | 1215 | 6 | 4-1/8″ |
| | 1916 | ST1916 | 1216 | 6 | 4-3/8″ |
| | 1917 | ST1917 | 1217 | 8 | 4-3/8″ |
| | 1918 | — | — | 6 | 4-7/8″ |
| | 1919 | ST1919 | — | 8 | 4-7/8″ |
| | 1920 | ST1920 | — | 6 | 2-1/4″ |
| | 1921 | ST1921 | 1221 | 6 | 2-1/2″ |
| | 1922 | ST1922 | — | 6 | 2-5/8″ |
| | 1923 | ST1923 | — | 6 | 2-3/4″ |
| | 1924 | ST1924 | — | 8 | 3-3/8″ |
| | 1925 | ST1925 | — | 8 | 3-3/4″ |
| | 1926 | ST1926 | 1231 | 6 | 3-3/4″ |
| | 1927 | ST1927 | 1227 | 8 | 3-13/16″ |
| | 1932 | ST1932 | — | 6 | 2-7/8″ |
| | 1933 | — | — | 8 | 2-7/8″ |
| | 1934 | — | — | 6 | 3-1/8″ |
| | 1935 | — | — | 8 | 3-1/8″ |
| | 1936 | — | 1236 | 6 | 2-3/8″ |
| | 1937 | ST1937 | 1237 | 8 | 2-3/4″ |
| | 1938 | ST1938 | — | 8 | 4-1/2″ |
| | 1939 | — | — | 6 | 5 1/4″ |
| | 1940 | ST1940 | — | 8 | 4-1/8″ |
| | 1941 | ST1941 | 1241 | 8 | 4-13/16″ |

## ELECTRICAL TOOLS

| | PN | DESCRIPTION |
|---|---|---|
|  EL700200 | 20105 | 8 Gauge 4/0 Impact Crimper |
| | EL700200 | 10-22 Gauge / 9″ Cushion Grip Terminal Crimper |
| EL700205  | EL700205 | Premium Cushion Grip Terminal Crimper |

## CLUTCH TOOLS

| | PN | DESCRIPTION |
|---|---|---|
| | **CLUTCH ADJUSTING WRENCH** | |
| | ST7028 | Adjusting Wrench — Converts Self Adjusting Clutches to Manual |
| | TT-236 | Quick Adjuster Clutch Tool |
| | **CLUTCH ALIGNMENT TOOLS** | |
|  HT150 | HT150 | 1-1/2″ 10 Spline — 98″ Pilot |
| | HT175 | 1-3/4″ 10 Spline — 1.18″ Pilot |
| | HT175A | 1-3/4″ 10 Spline — .98″ Pilot |
| | HT200 | 2″ 10 Spline — 1.18″ Pilot |
|  5029 | 5029 | 2″ OD — 1-1/4″ Pilot |
| | 5030 | 1-3/4″ OD — 1-1/4″ Pilot |
| | 7074A | Clutch Align Tool |
| | **U-JOINT PULLER** | |
| | 5190A | Heavy Duty U-Joint Puller |

## BELT TENSIONER TOOL†

| | PN | DESCRIPTION | YEAR | MAKE | MODEL | ENGINE |
|---|---|---|---|---|---|---|
|  924-5528 | 924-5528 | Accessory Drive Belt Tensioner Tool | 2006–2016 | Mack, Volvo | 9700, CHU, CTP, CXP, CXU, GU7, GU8, MRU, VAH, VHD, VN, VNL, VNM | D13; Volvo, D13A 360; Volvo, D13A 400; Volvo, D13A 440; Volvo, D13A 480; Volvo, D13A 520; Volvo, MP8; Mack |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## STEER BOX REPAIR KIT†

- Complete kit, includes all necessary hardware for a complete repair
- Constructed of rubber, carbon steel and elastomer

| | PN | DESCRIPTION |
|---|---|---|
|  924-5221 | 924-5221 | Steering Box Repair Kit |

## FASTENERS & SMALL PARTS

| | PN | DESCRIPTION |
|---|---|---|
| | KIT0620 | (Ea) 3/8"×2" Elevator Bolt w/ Kep Nut |
| | KIT14X112 | (Ea) 1/4"×1-1/2" Elevator Bolt w/ Kep Nut |
| | KIT14X114 | (Ea) 1/4"×1-1/4" Elevator Bolt w/ Kep Nut |
| | FS1/4X1 | Flathead Floor Screws Torx Sold/Pc |
| | FS1/4X1-1/2 | Flathead Floor Screws Torx |
| | FS1/4X2 | Flathead Floor Screws Torx |
|  SK1 | FS1/4X2-1/2 | Flathead Floor Screws Torx |
| | FS1/4X3 | Flathead Floor Screws Torx |
| | FS5/16X3 | Flathead Floor Screws Torx |
| | FS516X2 | Flathead Floor Screws Torx |
| | FS516X2-1/2 | Flathead Floor Screws Torx |
| | 1136404 | 5/16" Hex Nut, YZ8 |
| | 1136406 | 3/8"-16 Hex Nut , YZ8 |
| | 1136410 | 1/2"-13 Hex Nut, YZ8,USS |
| | 36406 | 3/8"-16 Finished Hex Nut YZ 8 |
| | 36410 | 1/2"-13 Finished Hex Nut YZ 8 |
| | 36416 | 3/4"-10 Finished Hex Nut YZ 8 |
| | 36466 | 3/4"-16 Finished Hex Nut YZ 8 |
| | 1133817 | 1/2 Flat Washer, SAE, YZ |
| | 33820 | Flat Washer SAE, Thru HD 3/4 YZ |
| | 33897 | 5/8" Lock, Washer, GRD 8 |
| | SK1 | O-Ring Kit — 407-Piece w/ Case |
|  SK16 | SK16 | 555-Piece Cotter Pin Assortment |

## FILTER WRENCHES

| | PN | DESCRIPTION |
|---|---|---|
|  53200 | ST2534 | Plier Filter Wrench 3-1/8"–3-5/8" |
| | ST2545 | Swivel Handle Filter Wrench 2-15/16"–3-3/4" |
| | ST2548 | Swivel Handle Filter Wrench 3-5/8"–4-3/8" |
| | ST2551 | Swivel Handle Filter Wrench 4-3/4"–5-3/4" |
| | ST2552 | Swivel Handle Filter Wrench 4"–4-3/4" |
| | ST2565 | Filter Wrench Square Drive 4-1/8"–4-5/8" |
| | ST2567 | Filter Wrench Square Drive 4-5/8"–5-1/8" |
| | ST2569 | Filter Wrench Square Drive 5-1/8"–5-5/8" |
|  53700 | ST2595 | Strap Type Filter Wrench–6" |
| | ST2596 | Strap Type Filter Wrench–12" |
| | 50950 | Oil Filter Pliers 3-5/8"–6" |
| | 53100 | Adjustable Filter Wrench |
| | 53200 | Tractor Oil Filter Wrench |
| | 53250 | Swivel Handle Filter Wrench 4"–4-1/2" |
|  63500 | 53500 | Swivel Handle Filter Wrench 3-1/2"–3-7/8" |
| | 53700 | Small Filter Wrench |
| | 53900 | Filter Wrench |
| | 54200 | Swivel Handle Filter Wrench 4-5/16"–4-3/4" |
| | 54300 | Swivel Handle Filter Wrench 5-1/4"–5-3/4" |
| | 63500 | Filter Wrench Strap Type |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## FUEL TRANSFER EQUIPMENT — FILL-RITE

FILL-RITE

| PN | DESCRIPTION | DETAIL |
|---|---|---|
| **ACCESSORIES** | | |
| 1200KTF7018 | Particulate Kit | 18 GPM |
| 1200KTG9075 | Cast Iron Filter Head | 3/4" |
| 1200KTG9099 | 2" Pipe On T | 22"–34 3/4" |
| 1200R0631 | Element For F1810hc1 | |
| 1200R9146 | Element For F1810pc1 | |
| 1210KTF7019 | Hydrosorb Kit | 18 GPM |
| 1810PMO | Repl Filter Assembly | |
| 700ACCF7017 | Aluminum Filter Head | 1" |
| 700H0079 | Nozzle Hook For N100dau10 | |
| F1810HM0 | Hydro Spin On Filter | 18 GPM |
| F1810PC1 | Clear Bowl Filter w/ Drain | |
| F1810PM0 | Part. Spin On Filter | 18 GPM |
| F4010PM0 | Spin On Filter | 40 GPM |
| F4030PMO | Spin On Filter | 40 GPM |
| FRH07512 | Fuel Hose | 3/4"×12' |
| FRH07514 | Hose — Fuel | 3/4×14' |
| FRH07520 | Hose | 3/4"×20' |
| FRH10012 | Retail | 1"×12' |
| FRH10014 | Hose — Fuel | 1"×14' |
| FRH10020 | Hose | 1"×20' |
| FRHMN075S | Manual Nozzle w/ Hook & Swivel | 3/4" |
| FRHMN100S | Nozzle — Manual Diesel | 1" |
| FRTC | Vented Tank Cap | |
| FRTCB | Fill Cap — Vented 2" Base | |
| N075DAU10 | Auto w/ Hook — Leaded | 3/4" |
| N075UAU10 | Auto Nozzle w/ Hook — Unleaded-Red | 3/4" |
| N100DAU12 | Automatic High Flow Nozzle | 1" |
| N100DAU12G | Automatic High Flow Nozzle | 1" |
| N100DAU13 | Ultra High Flow Nozzle — Red | 1" |
| S075H1314 | Multi-Plane Swivel | 3/4" |
| S100H1315 | Multi Plane Swivel | 1" |

## FUEL TRANSFER EQUIPMENT — FILL-RITE, continued

FILL-RITE

| PN | DESCRIPTION | DETAIL |
|---|---|---|
| **HAND PUMP** | | |
| FR112 | Pump-Rotary Type — Hand | |
| FR152 | Pump-Piston Type — Hand | |
| FR20V | Pitcher Hand Pump — Viton | |
| SD11 | Lever Action Pump | |
| SD62 | Rotary Hand Pump | |
| **METER** | | |
| 807C | Meter | |
| 807C-1 | Meter | |
| 807CMK | Black Meter Kit for Pumps | |
| 820 | Digital Meter for LP Kit Only | |
| TT10AN | In-line Digital Turbine Meter | |
| TT10ANC | In-line Digital Turbine Meter; E85 compatible | |
| **PARTS/KITS** | | |
| 4200KTF8739 | Repair Kit for 1200C Pump | |
| 700KTF2659 | Kit, Rebuild, Series 700B & 70 | |
| BCHBU200 | Adapter — 2 Buttress to 2 NPT | |
| **PUMP** | | |
| FR1204G | DC Pump Only | 12V |
| FR1210G | Heavy Duty Fuel Transfer Pump | 12V, 15GPM |
| FR1614 | Portable Rotary | 12V DC, 1/5 HP |
| FR4210G | Fill-Rite Transfer Pump w/ 1" Man Nozzle | |
| FR4210GB | DC Hi-Flow | 12V |
| FR610G | AC Pump, Steel Suction Pump | 115V |
| FR700V | Transfer Pump | 110V, 20GPM |
| FR701V | Pump With Meter | |
| FR711VA | High Flow AC Pump w/ Meter | 115V |
| RD812NH | Handheld DC Gas Pump w/ Hose | 12V |
| 313 | For Diesel Only | 3/4 HP |
| **DEF** | | |
| DF120CMN520 | 12V AC Pump System w/ Manual Nozzle | 120V, 8 GPM |
| FRHS07512S | DEF Hose | 3/4"×12' |
| FRHP32V | Hand Operated Lever Pump DEF | |
| KITHA32V | Hose Kit With Ball Valve — Rec DEF | |

## GREASE GUNS & ACCESSORIES — LINCOLN

| TYPE | DESCRIPTION | DETAIL | LINCOLN PN | GUARDIAN CROSS |
|---|---|---|---|---|
| Battery | 12V Powerluber Battery | Nicad Charges Battery from 1244 | 1201 | |
| Battery | 110V Battery 1201 Charger | Nicad Ac Charger for 1201 Battery | 1210 | |
| Battery | 14.4V Battery For Power Luber | Nicad Charges Battery from 1444 | 1401 | |
| Battery | Battery, Ni-Cad 18V | Nicad Charges Battery from 1844 | 1801 | |
| Battery | 20V Lithium Battery | Lithium AC | 1871 | |
| Battery | Nicad Mobile Charger | 12V DC or 24V DC Nicad Charger for 1201, 1401, 1801 | 1815A | |
| Battery | Lithium Mobile Charger | 12V DC or 24V DC Lithium Charger for 1844 | 1875A | |
| Coupler | HD Hydraulic Coupler | Couples the Grease Gun to What You Are Greasing | 5845 | |
| Coupler | Standard Duty Hydraulic Coupler | | 5852 | G300 |
| Coupler | 90 Deg Coupler | | 5883 | |
| Coupler | Power Lock Coupler | | 5900 | |
| Grease Gun | Grease Gun Pistol Grip w/Whip Hose 18" | Pistol | 1133 | G112 |
| Grease Gun | Pistol Grip Grease Gun, HD | Pistol, Heavy Duty | 1134 | G113 |
| Grease Gun | Grease Gun Lever Type Rigid Tube | Lever | 1142 | G100 |
| Grease Gun | Grease Gun Lever Type | Lever | 1147 | |
| Grease Gun | Air Operated Grease Gun | Air | 1162 | |
| Grease Gun | 12V Power Luber w/Case and Two Batteries | Powered — Includes 2 Batteries | 1244 | |
| Grease Gun | 14.4V Pwr Luber w/Case and Extra Battery | Powered — Includes 2 Batteries | 1444 | |
| Grease Gun | 18 Volt Grease Gun, Battery | Powered — Includes 2 Batteries | 1844 | |
| Grease Gun | 20V Lithium Ion PowerLuber | Powered — Includes 2 Batteries & AC Charger | 1884 | |
| Grease Pump | Hi-Press. Control Valve | | 740 | |
| Grease Pump | Portable Air Lubrigun — 120 Grease Keg | | 917 | |
| Grease Pump | Chassis Grease Gun | | 6917 | |
| Grease Pump | PMV 50-1 120 Hd Air Grease Pump w/Base | Includes Dolly | 9917 | |
| Hose Reel | Hose Reel Assembly 3/8" × 50' | Air Hose Reel Assemblies; 3/8" × 50' | 83753 | |
| Hose Reel | Hose Reel Assembly | Air Hose Reel Assemblies; 1/2" × 50' | 83754 | |
| Oil Drain Pan | Low profile 17 gallon oil drain pan | | 3669 | |
| Whip Hose | 24" Whip Hose | | 1224 | |
| Whip Hose | 30" Whip Hose for Powerlube | Powerlube | 1230 | |
| Whip Hose | 36" Powerluber Whip Hose | Powerlube | 1236 | |
| Whip Hose | 12" Hose Extension | | 5812 | G212 |
| Whip Hose | 18" Hose Extension | | 5818 | G218 |
| Whip Hose | HOSE, WHIP W-SPR | Heavy Duty with Spring | 5861 | |
| Grease Pump | Pump, 5 Gallon Bucket, LVR Action | | G400 | |
| Grease Pump | Pump, Transfer Rotary | | G402 | |

## FUEL TRANSFER EQUIPMENT — PIUSI



F00101A0A

| PN | DESCRIPTION | DETAIL |
|---|---|---|
| **FUEL** | | |
| F0023101B | Piusi Box 12V Pro-Portable Diesel Pump | 12V, 12 GPM |
| F19473000 | Diesel Fuel Drum Connector 2" Npt for Hand Pump | 10 GPM |
| F0037251B | (UI) Drum Ex50 12V DC NPT UI /Auto/4Mt | 12V. 15 GPM |
| F00378510 | 12V UI Ex75 Gasoline Pump Drum+Auto Nozzle | 12V, 20 GPM |
| F14640010 | Filter Head 1" × 1"In NPT /UNF | |
| F0040801A | Digital Turbine Flow Meter M/F 1" NPT | 2-30 GPM |
| **DEF** | | |
| F00332A30 | DEF Drum Rotary Hand Pump | 4 GPM |
| F00101A0A | Piusi Three25 SB325M/PDC 120V 60HZ UI | 120V, 9 GPM |
| F18229000 | Tote RSV Down Tube | 49" |
| F17137000 | Tote RSV Container Valve | |
| F20226000 | 6" IBC (Tote) Cover w/ 2" Buttress, Blue | |
| F1536000C | Micromatic Stainless Steel RSV Coupler | |
| F00332A80 | DEF Drum Rotary Hand Pump Urea w/ Filter | 4 GPM, 3D Filter |
| F00332B00 | DEF IBC (Tote) Rotary Hand Pump Kit | 4 GPM |

## GAS CANS


85053 85056

| PN | DESCRIPTION |
|---|---|
| 85053 | Gas Can — 5 gal |
| 85056 | Diesel Can — 5 gal |

# BODY

## ABRASIVE/SURFACE CONDITIONING

3M

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  05540 | 05539 | Roloc™ Disc Pad Assembly | 2″ |
| | 05540 | Roloc™ Disc Pad Assembly | 3″ |
| | 07480 | Scotch-Brite™ Roloc™ Surface Conditioning Disc | 2″ × NH A CRS |
| | 07481 | Scotch-Brite™ Roloc™ Surface Conditioning Disc | 2″ × NH A MED |
| | 07485 | Scotch-Brite™ Roloc™ Surface Conditioning Disc | 3″ × NH A CRS |
|  07480 | 07486 | Scotch-Brite™ Roloc™ Surface Conditioning Disc | 3″ × NH A MED |
| | 07524 | Scotch-Brite™ Roloc™ Bristle Disc | 2″ × 5/8 Tapered CRS |
| | 07525 | Scotch-Brite™ Roloc™ Bristle Disc | 2″ × 5/8 Tapered MED |
|  07486 | 07526 | Scotch-Brite™ Roloc™ Bristle Disc | 3″ × 5/8 Tapered CRS |
| | 07527 | Scotch-Brite™ Roloc™ Bristle Disc | 3″ × 5/8 Tapered MED |
| | 33379 | Cubitron™ II Fibre Roloc™ Disc | 2″ (50 mm), 60+ |
| | 33380 | Cubitron™ II Fibre Roloc™ Disc | 2″ (50 mm), 80+ |
| | 33391 | Cubitron™ II Fibre Roloc™ Disc | 3″ (75 mm) |
|  07524 | 33392 | Cubitron™ II Fibre Roloc™ Disc | 3″ (75 mm), 80+ |
| | 01991 | Green Corps™ Reinforced Weld Grinding Wheel | 3″ × 3/16″ × 3/8″ |
| | 01989 | Green Corps™ Cut-Off Wheel | 3″ × 1/32″ × 3/8″ |
|  07526 | 01990 | Green Corps™ Cut-Off Wheel | 3″ × 1/16″ × 3/8″ |
| | 33455 | Cubitron™II Cut-Off Wheel | 75 mm × 1.6 mm × 9.53 mm (3″ × .0625″ × 3/8″) |
| | 33456 | Cubitron™ II Cut-Off Wheel | 75 mm × 1 mm × 9.53 mm (3″ × .04″ × 3/8″) |
| | 33460 | Cubitron™ II Cut-Off Wheel | 100 mm × 1 mm × 9.53 mm (3.9″ × .04″ × 3/8″) |
|  33380 | 05010 | Utility Cloth Roll 211K | 1″ × 50 yd 80 J-weight |
| | 05009 | Utility Cloth Roll 211K | 1″ × 50 yd 100 J-weight |
| | 05008 | Utility Cloth Roll 211K | 1″ × 50 yd 120 J-weight |
| | 05007 | Utility Cloth Roll 211K | 1″ × 50 yd 150 J-weight |
| | 05006 | Utility Cloth Roll 211K | 1″ × 50 yd 180 J-weight |
|  33456 | 05005 | Utility Cloth Roll 211K | 1″ × 50 yd 220 J-weight |
| | 05004 | Utility Cloth Roll 211K | 1″ × 50 yd 240 J-weight |
| | 05002 | Utility Cloth Roll 211K | 1″ × 50 yd 320 J-weight |

## ABRASIVE/SURFACE CONDITIONING, continued

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  | 05001 | Utility Cloth Roll 211K | 1″ × 50 yd 400 J-weight |
| | 05030 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 80 J-weight |
| | 05029 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 100 J-weight |
| | 05028 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 120 J-weight |
| | 05027 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 150 J-weight |
| | 05026 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 180 J-weight |
| | 05025 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 220 J-weight |
| | 05024 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 240 J-weight |
| | 05022 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 320 J-weight |
| | 05021 | Utility Cloth Roll 211K | 1-1/2″ × 50 yd 400 J-weight |
| | 05050 | Utility Cloth Roll 211K | 2″ × 50 yd 80 J-weight |

## FIBERGLASS/DENT REPAIR

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  402  272  422 | 402 | Bondo® Fiberglass Resin | 0.9 qt |
| | 488 | Bondo® Fiberglass Mat | 8 sq ft |
| | 499 | Bondo® Fiberglass Cloth | 8 sq ft |
| | 912 | Bondo® Liquid Hardener | 0.37 oz |
| | 272 | Bondo® Bondo-Glass Reinforced Filler | 1 qt |
| | 432 | Bondo® Fiberglass Resin Jelly | 1 qt |
| | 420 | Bondo® Fiberglass Resin Repair Kit | 0.45 pt |
| | 422 | Bondo® Fiberglass Resin Repair Kit | 0.9 qt |
| | 762 | Bondo® Bondo-Hair Long Strand Fiberglass Reinforced Filler | 1 qt |
| | 05801 | Light Weight Body Filler | 1 gal |
| | 05816 | Short Strand Fiberglass | 1 gal |
| | 05833 | Fiberglass Resin | 1 qt |
| | 39002 | Rubbing Compound | 16 oz |
| | 39044 | Scratch Remover | 8 oz |
| | 03441 | Red Lens Repair Kit | 1.875″ × 60″ |

## HEADLIGHT RESTORATION

| | PN | DESCRIPTION |
|---|---|---|
|  39175 | 39008 | Headlight Lens Restoration Kit |
| | 39175 | Heavy Duty Headlight Restoration Kit w/ Quick Clear Coat |
| | 39173 | Quick Headlight Clear Coat |
| | 39181 | Bulk Headlight Kit |

## PAINT — BIG RIG PROFESSIONAL COATINGS†

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  20-1613 | 20-1600 | Black — Rust Converter | 16 oz |
| | 20-1615 | Black Frame — Gloss | 16 oz |
| | 20-1633 | Black — Flat | 16 oz |
| | 20-1613 | White — Fleet | 16 oz |
| | 20-1623 | Red — Fleet | 16 oz |
| | 20-1647 | Beige — Cummins | 16 oz |
| | 20-1643 | Yellow — Equipment | 16 oz |
| | 20-1686 | Yellow — School Bus | 16 oz |
| | 20-1631 | Primer — Gray-Light | 16 oz |
| | 20-1635 | Gray — Bumper | 16 oz |
| | 20-1611 | Aluminum | 16 oz |
| | 20-1660 | Stainless Steel | 16 oz |
| | 20-1648 | Cast Blast | 16 oz |

## PAINT — SPECIALTY PRODUCTS†

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  16-048 | 16-041 | Chrome Brite | 12 oz |
| | 16-048 | Cast Blast | 12 oz |
| | 16-054 | Stainless Steel | 12 oz |
| | 16-055 | Aluminum-Blast | 12 oz |
| | 16-1201 | Aluminum Hot Spot Hi-Temp Paint | 12 oz |
| | 16-1203 | Black Hot Spot Hi-Temp Paint | 12 oz |
| | 20-149 | Seal-It Clear | 16 oz |
| | 20-657 | Orange — Inverted Tip — Marking Fluorescent | 20 oz |

## PAINT — PRIMERS†

| | PN | DESCRIPTION | SIZE |
|---|---|---|---|
|  20-1600 | 16-1445 | Cold Galvanized | 15 oz |
| | 16-807 | Red Iron Oxide | 12 oz |
| | 16-831 | Light Gray | 12 oz |
| | 16-897 | Yellow Zinc Phosphate | 12 oz |
| | 20-1671 | Gray Sandable | 15 oz |
| | 20-1675 | Self-Etching Weld Thru | 15 oz |
| | 20-1600 | Rust Converter | 16 oz |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PAINT — SPRUCE 12 oz†

| | PN | DESCRIPTION |
|---|---|---|
| | **GENERAL USE/QUICK DRY ENAMELS** | |
|  98-12 | 98-10 | Black — Flat |
| | 98-12 | White — Flat |
| | 98-23 | Almond — Gloss |
| | 98-3 | Black — Gloss |
| | 98-20 | Red-Brick — Gloss |
| | 98-88 | Green — Gloss |
| | 98-36 | Brown — Gloss |
| | 98-4 | Red-Cherry — Gloss |
| | 98-87 | Blue-Dark — Gloss |
| | 98-27 | Gray-Dove — Gloss |
| | 98-8 | Green-Hunter — Gloss |
| | 98-37 | Blue-Light — Gloss |
| | 98-35 | Blue-Medium — Gloss |
| | 98-28 | Orange — Gloss |
| | 98-39 | Pink — Gloss |
| | 98-7 | Gray-Smoke — Gloss |
| | 98-2 | White — Gloss |
| | 98-24 | Black — Satin |
|  98-31 | **GENERAL LACQUERS** | |
| | 98-31 | Gloss Clear Lacquer |
| | 98-38 | Semi-Gloss Black |

| PN | DESCRIPTION |
|---|---|
| **METALLICS** | |
| 98-1 | Chrome Aluminum Metallic |
| 98-32 | Dull Aluminum |
| 98-5 | Gold |
| **PRIMERS** | |
| 98-16 | Black Primer |
| 98-15 | Light Gray Primer |
| 98-26 | Red Iron Oxide Primer |
| **HEAT RESISTANT** | |
| 98-41 | Chrome Aluminum Metallic |
| 98-48 | Chevy Orange Engine Enamel |
| 98-56 | Ford / Mustang Blue Engine Enamel |
| 98-46 | Ford Blue Engine Enamel |
| 98-43 | Ford Gray Engine Enamel |
| 98-44 | Ford / Chrysler Red Heat Resistant |
| 98-42 | Universal GM Black Engine Enamel |
| **FARM & INDUSTRY** | |
| 16-210 | Allis Chalmers Orange |
| 16-272 | Case Power Tan |
| 16-224 | Deere & Case Green |
| 16-242 | Ford Blue |
| 16-214 | IHC Red |
| 16-213 | New Equipment Yellow |
| 16-268 | New John Deere Green |
| 16-266 | New John Deere Yellow |
| 16-212 | Old Equipment Yellow |
| 16-286 | School Bus Yellow |

## PAINT DISPLAY RACK

| | PN | DESCRIPTION |
|---|---|---|
|  Z-612 | Z-612 | 64-Can Display Rack / Request free from your PDC Sales Representative |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## PAINT†



620-1413



620-1431


11-4

| PN | DESCRIPTION |
|---|---|
| **MRO HIGH SOLIDS — 16 oz.** | |
| 620-1411 | Aluminum |
| 620-1417 | Dark Machinery Gray ANSI 49 |
| 620-1426 | Deep Dark Blue |
| 620-1412 | Flat White |
| 620-1415 | Gloss Black |
| 620-1413 | Gloss White |
| 620-1416 | Gray ANSI 61 |
| 620-1425 | Light Blue |
| 620-1431 | Light Gray Primer |
| 620-1418 | Light Machinery Gray ANSI 70 |
| 620-1407 | Red Iron Oxide Primer |
| 620-1427 | Safety Blue |
| 620-1423 | Safety Red |
| 620-1419 | Safety Yellow |
| 620-1448 | Cascade Green |
| 620-1447 | Cummins Beige |
| 620-1449 | Dark Green |
| 620-1433 | Flat Black |
| 620-1443 | New Equipment Yellow |
| 620-1450 | Omaha Orange |
| 620-1446 | Ryder Yellow |
| 620-1452 | Safety Green |
| 620-1451 | Safety Orange |
| 620-1437 | SB Green |
| 620-1435 | Tan |

| PN | DESCRIPTION |
|---|---|
| **FRESH-N-QUICK — MULTI-PURPOSE — 10 OZ.** | |
| 11-1 | Aluminum Metallic |
| 11-10 | Flat Black |
| 11-3 | Gloss Black |
| 11-56 | Gloss Blue |
| 11-4 | Gloss Cherry Red |
| 11-31 | Gloss Clear |
| 11-7 | Gloss Smoke Gray |
| 11-2 | Gloss White |
| 11-34 | Gloss Yellow |
| 11-15 | Gray Primer |
| 11-24 | Semi-Gloss Black |

## UNDERCOATING†


T1616


T1617R


20-6

| PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|
| T1616 | Paintable Undercoating | 16 oz | Tite Seal |
| T1617R | Rubberized Undercoating | 16 oz | Tite Seal |
| 20-046 | Rubberized Undercoating | 18 oz | Seymour |
| 20-6 | Aphalt Based Undercoating | 18 oz | Seymour |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## TRUCK WASH

| | PN | PRODUCT | DESCRIPTION | SIZE | TYPE | BRAND |
|---|---|---|---|---|---|---|
|  A0030004 | A0030004 | Alum-Brite Aluminum Cleaner / Brightener | Aluminum cleaner and brightener w/ strong acids and surfactants for stained, matured aluminum surfaces and trailer bodies | 1 gal | Acid Cleaner | Simoniz |
| | A0030005 | | | 5 gal | | |
| | A0030055 | | | 55 gal | | |
|  B0305004 | B0305004 | Big Rig Heavy Duty Truck Wash | Heavy duty truck wash cleaner w/ free-rinsing pressure wash liquid; ideal for cutting through film buildups, diesel smoke equipment and in degreasing operations | 1 gal | Truck Wash | Simoniz |
| | B0305005 | | | 5 gal | | |
| | B0305055 | | | 55 gal | | |
| | F1140004 | Film Fyter Non-Butyl All-Purpose Cleaner | Non-butyl heavy duty, non-caustic and concentrated all-purpose vehicle cleaner | 1 gal | | |
| | F1140005 | | | 5 gal | | |
| | VW5 | Truck Wash Concentrate | | 1 gal | Truck Wash | Gunk |
| | TR1 | Low VOC Tar-N-Bug Remover | | 12 oz | | |

## POLISH

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  39527 | 39006 | One Step Clean | 16 oz | 3M |
| | 39030 | Synthetic Wax Protectant | 16 oz | 3M |
| | 39034 | Quick Wax | 16 oz | 3M |
| | 29110 | Waterless Wash & Wax | 16 oz | 3M |
| | 39526 | Paste Show Car Wax | 10.5 oz | 3M |
| | 39527 | Chrome & Metal Polish | 10 oz | 3M |
| | 39529 | Mag & Aluminum Polish | 10 oz | 3M |
| | 10150 | Liquid Polish | 16 oz | Lucas Oil |
| | 10155 | Metal Polish | 16 oz | Lucas Oil |
| | 10160 | Slick Mist Fast & Easy Speed Wax | 24 oz | Lucas Oil |

## TIRE CLEANER

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  10513 | TS15† | Tire Shine Extreme Black | 15 oz | Gunk |
| | 10513 | Slick Mist Tire & Trim Shine | 24 oz | Lucas Oil |
| | 39036 | Wheel & Tire Cleaner | 16 oz | 3M |
| | 39042 | Tire Restorer | 16 oz | 3M |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

## GLASS CLEANER

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  GC1 | 05401† | Glass-N-Dash Multi-Use Cleaner | 18 oz | CRC |
| | 14411†† | Professional Strength Glass Cleaner | 32 oz | CRC |
| | 14412† | Professional Strength Glass Cleaner | 20 oz | CRC |
| | GC1 | Aerosol Glass Cleaner w/ Ammonia | 19 oz | Gunk |
| | GC33 | Liquid Glass Cleaner w/ Ammonia | 33 oz | Gunk |
| | TGC19† | Truck Glass Cleaner, Tint Safe | 19 oz | Gunk |
| | 08888 | Glass Cleaner | 19 oz | 3M |

## INTERIOR CLEANER

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  TCUC22 | TCUC22† | Truck Carpet & Upholstery Cleaner | 22 oz | Gunk |
| | 10514 | Slick Mist Interior Detailer | 24 oz | Lucas Oil |
| | 39040† | Leather & Vinyl Restorer | 16 oz | 3M |

## WINDSHIELD WASH AND DE-ICER*

- Conventional blue all-season
- Powers through windshield dirt and grime

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  PWN0G3 | PWN0G3†† | –20°F** | 1 gal | |
| | PWN0G1†† | –20°F** | 55 gal | |
| | PWN0E3††† | 0°F*** | 1 gal | |
| | PWN0E1††† | 0°F*** | 55 gal | |
| | PXN0K3 | +32°F | 1 gal | |
| | PXN0K1 | +32°F | 55 gal | |
| | 05346††† | De-Ce Ice-Off Windshield Spray | 12 oz | CRC |

* Oregon residents: Please contact your local branch for alternate product.
** Not for sale in California or Texas.
*** Not for sale in California.

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.
†† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.
††† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Reproductive Harm — www.P65Warnings.ca.gov.

## WINTERIZATION ADDITIVES†

| | DESCRIPTION | PN | CONTAINER | SIZE | BRAND |
|---|---|---|---|---|---|
|  1025-12 / 1080-06 | DIESEL FUEL SUPPLEMENT ANTIGEL +CETANE BOOST | **CUSTOMER CONVENIENCE +CETANE BOOST FORMULA (1:400)** | | | |
| | | * 1016-09 | Plastic | 16 oz | Power Service |
| | | * 1025-12 | Plastic | 32 oz | Power Service |
| | | * 1080-06 | Plastic | 80 oz | Power Service |
| | | **CONCENTRATED +CETANE BOOST FORMULA (1:1,000)** | | | |
| | | * 1128-04 | Plastic | 1 gal | Power Service |
| | | **CONCENTRATED +CETANE BOOST FORMULA (1:1,500)** | | | |
| | | * 1050-02 | Plastic | 2.5 gal | Power Service |
| | | * 1055-01 | Drum | 55 gal | Power Service |
|  8025-12 / 8080-06 | ARCTIC EXPRESS DIESEL FUEL ANTIGEL (1:1,500) | 7050-02 | Plastic | 2.5 gal | Power Service |
| | | 7055-01 | Drum | 55 gal | Power Service |
| | DIESEL 9-1-1 | 8025-12 | Plastic | 32 oz | Power Service |
| | | 8080-06 | Plastic | 80 oz | Power Service |
| | | 8050-02 | Plastic | 2.5 gal | Power Service |
| | | 8055-01 | Drum | 55 gal | Power Service |

## FUEL TANK HYGIENE ADDITIVES

| | DESCRIPTION | PN | CONTAINER | SIZE | BRAND |
|---|---|---|---|---|---|
|  9225-09 / 9280-06 | CLEAR-DIESEL FUEL & TANK CLEANER | **CUSTOMER CONVENIENCE FORMULA (1:400)** | | | |
| | | 9216-09 | Plastic | 16 oz | Power Service |
| | | 9225-09 | Plastic | 32 oz | Power Service |
| | | 9280-06 | Plastic | 80 oz | Power Service |
| | | **CONCENTRATED FORMULA (1:1,000)** | | | |
| | | 9228-04 | Plastic | 1 gal | Power Service |
| | | 9250-02 | Plastic | 2.5 gal | Power Service |
| | | 9255-01 | Drum | 55 gal | Power Service |
|  9016-09 / 9128-04 | BIO KLEEN DIESEL FUEL BIOCIDE | 9016-09 | Plastic | 16 oz | Power Service |
| | | 9128-04 | Plastic | 1 gal | Power Service |
| | | 9055-01 | Drum | 55 gal | Power Service |

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## PERFORMANCE ADDITIVES†

| | DESCRIPTION | PN | CONTAINER | SIZE | BRAND |
|---|---|---|---|---|---|
|  3025-12 / 3080-06 | DIESEL KLEEN +CETANE BOOST | **CUSTOMER CONVENIENCE +CETANE BOOST FORMULA (1:400)** | | | |
| | | 3016-09 | Plastic | 16 oz | Power Service |
| | | 3025-12 | Plastic | 32 oz | Power Service |
| | | 3080-06 | Plastic | 80 oz | Power Service |
| | | **CONCENTRATED +CETANE BOOST FORMULA (1:1,000)** | | | |
| | | 3128-04 | Plastic | 1 gal | Power Service |
| | | **CONCENTRATED +CETANE BOOST FORMULA (1:1,500)** | | | |
| | | 3850-02 | Plastic | 2-1/2 gal | Power Service |
| | | 3855-01 | Drum | 55 gal | Power Service |

## FUEL TREATMENT & STABILIZERS†

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  10013 | **FUEL TREATMENT** | | | |
| | 10020 | Cylinder Lubricant | 5.25 oz | Lucas Oil |
| | 10013 | Cylinder Lubricant | 1 gal | Lucas Oil |
| | 10003 | Cylinder Lubricant | 32 oz | Lucas Oil |
| | **FUEL STABILIZERS** | | | |
| | 22254 | Diesel Stabilizer | 32 oz | Lucas Oil |
| | 22214 | Fuel Stabilizer | 32 oz | Lucas Oil |

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## BRAKE CLEANERS†



M720



05084



M709T

| PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|
| **NON-FLAMMABLE / CHLORINATED** | | | |
| 05089* | BRAKLEEN® Non-Flammable Brake Parts Cleaner | 19 oz | CRC |
| 05089T* | | 19 oz | CRC |
| 05090* | | 1 gal | CRC |
| 05091* | | 5 gal | CRC |
| 05093* | | 55 gal | CRC |
| M720* | Chlorinated Brake Cleaner | 19 oz | Gunk |
| M720T | Fast Blast | 19 oz | Gunk |
| **NON-CHLORINATED** | | | |
| 05084* | BRAKLEEN® Non-Chlorinated Brake Parts Cleaner | 14 oz | CRC |
| 05085* | | 1 gal | CRC |
| 05086* | | 5 gal | CRC |
| 05087* | | 55 gal | CRC |
| 05088* | | 14 oz | CRC |
| M705* | Pro-Series No-Chlorinated Brake Clean | 14 oz | Gunk |
| M705T | Fast Blast | 14 oz | Gunk |
| 08880* | High Power Brake Clean | 14 oz | 3M |
| **LOW VOC NON-CHLORINATED** | | | |
| 05050 | BRAKLEEN® Non-Chlorinated Brake Parts Cleaner — 50 State Formula | 14 oz | CRC |
| 05051 | | 1 gal | CRC |
| 05052 | | 5 gal | CRC |
| 05053 | | 55 gal | CRC |
| 05151 | BRAKLEEN® Non-Chlorinated Ultra Low VOC Brake Parts Cleaner | 14 oz | CRC |
| M709 | Non-Chlorinated Brake Cleaner — 50 State | 14 oz | Gunk |
| M709T | Fast Blast | 14 oz | Gunk |
| M710 | Non-Chlorinated Brake Cleaner — Zero VOC | 14 oz | Gunk |
| M715* | Non-Chlorinated Brake Cleaner — Low VOC | 14 oz | Gunk |
| M715T | Fast Blast | 14 oz | Gunk |
| 08180* | Brake Cleaner 21 | 14 oz | 3M |

* Product not for sale in all locations. Contact your local branch for availability.

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## ENGINE CLEANERS / DEGREASERS

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  EB1 | CEB1 | Citrus Engine Brite | 15 oz | Gunk |
| | EB1*† | Engine Brite Degreaser | 15 oz | Gunk |
| | EB1CA† | Engine Brite Degreaser — Low VOC | 15 oz | Gunk |
| | EBGEL | Engine Brite Gel HD Engine Degreaser | 15 oz | Gunk |
| | FEB1* | Foamy Engine Brite Degreaser | 17 oz | Gunk |
| | FEB1CA† | Foamy Engine Brite Degreaser — Low VOC | 17 oz | Gunk |
| | EDW30 | Engine Degreaser Wipe | 30 ct | Gunk |
| | EDW75 | Engine Degreaser Wipe | 75 ct | Gunk |
| | 05025*†† | Engine Degreaser | 15 oz | CRC |
| | 05025CA†† | Engine Degreaser — Low VOC | 15 oz | CRC |
| | 20-047†† | Paint Remover | 10 oz | Seymour |

* Product not for sale in all locations. Contact your local branch for availability.

## CARB CLEANER

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  05081 | 03077††† | Carb & Choke Cleaner | 12 oz | CRC |
| | 05079*††† | Clean-R-Carb™ Carburetor Cleaner | 12 oz | CRC |
| | 05081* | Clean-R-Carb™ Carburetor Cleaner | 16 oz | CRC |
| | 05379†† | Clean-R-Carb™ Carburetor Cleaner | 12 oz | CRC |
| | 05381†† | Cleaner — 50 State Formula | 16 oz | CRC |
| | M4814*†† | Carb Medic Carb / Choke / Valve Cleaner | 12.5 oz | Gunk |
| | M4824*†† | Carb Medic Carb / Choke / Valve Cleaner | 19 oz | Gunk |
| | M4815NC†† | Low VOC Carb Medic Carb Cleaner | 12.5 oz | Gunk |
| | CC3K | Carb & Parts Cleaner w/ Dip Basket | 96 oz | Gunk |
| | M4814/6*†† | Carburetor Parts Cleaner Aerosol | 12.5 oz | Gunk |
| | 08866†† | Throttle Plate & Carb Cleaner | 8.5 oz | 3M |

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## ELECTRICAL CLEANERS

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  05023 | NM1† | Electric Motor Contact Cleaner | 20 oz | Gunk |
| | BTC6 | Battery Terminal Cleaner | 15 oz | Gunk |
| | BTP6†† | Battery Terminal Protector | 6 oz | Gunk |
| | NM6 | Electronic Cleaner | 6 oz | Gunk |
| | MAS6 | Mass Air Flow Sensor Cleaner | 6 oz | Gunk |
| | 02018† | Lectra Clean® Heavy Duty Electrical Parts Degreaser | 19 oz | CRC |
| | 05018† | Lectra Motive® Electric Parts Cleaner | 19 oz | CRC |
| | 05023 | Battery Cleaner w/ Acid Indicator | 11 oz | CRC |
|  05046 | 05046†† | Battery Terminal Protector | 7.5 oz | CRC |
| | 05101††† | QD® Electronic Quick Dry Cleaner | 4.5 oz | CRC |
| | 05103††† | QD® Electronic Quick Dry Cleaner | 11 oz | CRC |

## SMARTWASHER® — CHEMFREE

| | PN | DESCRIPTION | TYPE |
|---|---|---|---|
|  14162 | 14131 | Ozzy Booster® Microbial Enhancer | Cleaner |
| | 14148 | OzzyJuice® SW-4 Heavy Duty Degreasing Solution | OzzyJuice® |
| | 14156 | OzzyJuice® SW-1 Degreasing Solution | OzzyJuice® |
| | 14158 | OzzyJuice® SW-6 Select Metals Degreasing Solution | OzzyJuice® |
| | 14159 | OzzyJuice® SW-LF Low Foam Degreasing Solution | OzzyJuice® |
| | 14124 | OzzyMat® FL-4 Multi-Layer Fluid Activation Mat | Filter |
| | 14149 | OzzyMat® FL-3 Single Layer Fluid Activation Mat | Filter |
| | 14720 | OzzyJuice® SW-3 Truck Grade Degreasing Solution | OzzyJuice® |
| | 14721 | OzzyJuice® SW-7 Parts / Brake Cleaning Solution | OzzyJuice® |
| | 14722 | OzzyJuice® SW-8 Aircraft & Weapons Degreasing Solution | OzzyJuice® |
| | 14144 | SmartWasher® SW-28 SuperSink Parts Washer | Washer |
| | 14145 | SmartWasher® SW-25 Signature Parts Washer | Washer |
| | 14162 | SmartWasher® SW-37 Mobile Heavyweight Parts Washer | Washer |
| | 14710 | SmartWasher® SW-28XE SuperSink XE Parts Washer | Washer |
| | 14741 | SW-437 Mobile Heavyweight Parts Washing Kit | Washer |
| | 14742 | SW-737 Mobile Heavyweight Parts Washing Kit | Washer |

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## MULTI-PURPOSE CLEANER / DEGREASER

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  03185 | 03095*† | Heavy Duty Degreaser | 19 oz | CRC |
| | 03100 | Insta-Solv® Light Duty Degreaser | 14 oz | CRC |
| | 03185*†† | Chlor-Free® Degreaser | 14 oz | CRC |
| | 03300††† | Silicone Mold Release | 12 oz | CRC |
| | 14005 | Natural Degreaser™ Citrus Based Degreaser | 16 oz | CRC |
| | 14170 | Citrus Degreaser | 15 oz | CRC |
| | 14417††† | Hydroforce® Industrial Strength Degreaser | 5 gal | CRC |
| | 14447 | Hydroforce® Zero VOC General Purpose Cleaner | 1 gal | CRC |
| | GB16-32 | Degreaser Gunk General Purpose | 32 oz | Gunk |
| | MPDW30 | Multi-Purpose Wipes | 30 ct | Gunk |
| | MPDW75 | Multi-Purpose Wipes | 75 ct | Gunk |
| | OPEW30 | OPE All-Purpose Degreaser Wipe | 30 ct | Gunk |
| | OPEW75 | OPE All-Purpose Degreaser Wipe | 75 ct | Gunk |
| | SC3 | Super Concentrate Degreaser | 1 gal | Gunk |
| | SC5 | Super Concentrate Degreaser | 5 gal | Gunk |
| | SCS5††† | Parts Washer Solvent | 5 gal | Gunk |
| | HDL32 | Citrus Degreaser | 32 oz | Gunk |
| | HS3††† | Hydro Seal® II Gallon Parts Cleaner | 1 gal | Gunk |
| | HS5K††† | Hydro Seal® II w/ Basket | 5 gal | Gunk |
| | HS5LB††† | Hydro Seal® II w/o Basket | 5 gal | Gunk |
| | PCD14T | Instant Parts Cleaner & Degreaser | 14 oz | Gunk |

* Product not for sale in all locations. Contact your local branch for availability.

## GASKET REMOVERS / REPAIR

| | PN | DESCRIPTION | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|
|  49673 | 05021††† | Technician Grade Gasket Remover | 12 oz | Aerosol | CRC |
| | 401224-6 | Fiberlock® Head Gasket & Block Repair | 32 oz | Bottle | K&W |
| | 401232 | Permanent Head Gasket & Block Repair | 32 oz | Bottle | K&W |
| | 38080*††† | Adhesive Tar Remover | 1 gal | Bottle | 3M |
| | 49673 | Gasket Remover | 16 oz | Aerosol | Dynatex |

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## BRAKE FLUID

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  M4432 | M4412 | Dot 3 Heavy Duty Brake Fluid | 12 oz | Motor Medic |
| | M4312 | Dot 3 Super Heavy Duty Brake Fluid | 12 oz | Motor Medic |
| | M4432 | Dot 3 Heavy Duty Brake Fluid | 32 oz | Motor Medic |
| | M4332 | Dot 3 Super Heavy Duty Brake Fluid | 32 oz | Motor Medic |
| | M4434 | Dot 3 Heavy Duty Brake Fluid | 1 gal | Motor Medic |
| | M4334 | Dot 3 Super Heavy Duty Brake Fluid | 1 gal | Motor Medic |
| | M4440 | Dot 3 Heavy Duty Brake Fluid | 5 gal | Motor Medic |
| | M4512/6† | Dot 4 Super Heavy Duty Brake Fluid | 12 oz | Motor Medic |
|  M4434 | M4532† | Dot 4 Super Heavy Duty Brake Fluid | 32 oz | Motor Medic |
| | M4011/12† | Dot 5 Silicone Brake Fluid | 11 oz | Motor Medic |
| | M4032/6† | Dot 5 Silicone Brake Fluid | 32 oz | Motor Medic |
| | M4612/12† | ABS Brake Fluid | 12 oz | Motor Medic |
| | M4632† | ABS Brake Fluid | 32 oz | Motor Medic |

## AIR BRAKE ANTI-FREEZE

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  05532 | 05532†† | Air Brake Anti-Freeze & Conditioner | 32 oz | CRC |
| | 05528†† | Air Brake Anti-Freeze & Conditioner | 1 gal | CRC |
| | M2832†† | Air Brake Anti-Freeze & Rust Guard | 32 oz | Motor Medic |
| | M2834†† | Air Brake Anti-Freeze & Rust Guard | 1 gal | Motor Medic |

## ENGINE / RADIATOR FLUSHES

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  C2124 | SX55† | Salt Terminator Engine Flush / Cleaner | 55 gal | CRC |
| | C1412 | 10-Minute Radiator Flush | 11 oz | Motor Medic |
| | C2124†† | Super Radiator Flush | 22 oz | Motor Medic |
| | C2232†† | Super Heavy Duty Radiator Cleaner | 32 oz | Motor Medic |
| | MF3† | 5-Minute Motor Flush | 32 oz | Motor Medic |

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## ENGINE COOLANT

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  C1516 | C1516† | Liquid Kool Engine Coolant | 16 oz | Gunk |
| | C1530† | Liquid Kool Engine Coolant | 32 oz | Gunk |

## ENGINE STOP-LEAK

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  C501 | 401016 | Permanent Metallic™ Block Seal & Head Gasket Repair | 16 oz | K&W |
| | C616 | Heavy Duty Block Seal | 15 oz | Motor Medic |
| | M2112†† | Engine Oil Stop Leak | 12 oz | Motor Medic |
| | 10278 | Engine Oil Stop Leak | 1 qt | Lucas Oil |
| | 10279 | Engine Oil Stop Leak-4X1 | 1 gal | Lucas Oil |
| | 10018 | Hydraulic Oil Booster & Stop Leak | 1 gal | Lucas Oil |
| | 10019 | Hydraulic Oil Booster & Stop Leak | 1 qt | Lucas Oil |
| | C105† | M-P Radiator Sealant & Conditioner | 5.5 oz | Motor Medic |
| | C2016 | Super Radiator Sealer | 15 oz | Motor Medic |
| | C312††† | Radiator Sealer & Stop Leak | 11 oz | Motor Medic |
| | C501 | Aluminized Cooling System Stop Leak | 1 oz | Gunk |
| | C551B | Heavy Duty Radiator Repair Powder | 2 oz | Gunk |

## POWER STEERING FLUID

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  M2732 | M2713 | Power Steering Fluid | 12 oz | Motor Medic |
| | M2732 | | 32 oz | Motor Medic |
| | M2734 | | 1 gal | Motor Medic |
| | 10011 | Stop Leak Power Steering Fluid | 32 oz | Lucas Oil |

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## STARTING FLUID

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  05671 | 05671† | Jump Start® & Starting Fluid w/ Lubricity | 11 oz | CRC |
| | M3815† | Thrust Starting Fluid | 11 oz | Motor Medic |
| | M3515† | Instant Starting Fluid | 11 oz | Motor Medic |
| | M3911† | Liquid Fire Starting Fluid | 7.5 oz | Motor Medic |

## OTHER CHEMICALS

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  03195 | 03195† | Coil Cleaner | 19 oz | CRC |
| | 05110†† | Mass Air Flow Sensor Cleaner | 11 oz | CRC |
| | 06026†† | Marine Heavy Duty Corrosion Inhibitor | 16 oz | CRC |
| | M4712††† | Air Intake Cleaner | 12 oz | Motor Medic |
| | 08962*† | Intake System Cleaner Kit: Includes Intake System Cleaner (12 fl oz), Throttle Plate Cleaner (12 fl oz), and Fuel System Cleaner Tank Additive (16 oz) | — | 3M |

* Product not for sale in all locations. Contact your local branch for availability.

## INSECTICIDES

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  14010 | 14010 | Wasp & Hornet Killer Plus | 20 oz | CRC |
| | 14011 | Double Strength Insect Repellent | 8 oz | CRC |

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## BRAKE DISC QUIET

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
|  05017 | 05016† | Disc Brake Quiet | 4 oz | CRC |
| | 05017† | Disc Brake Quiet | 12 oz | CRC |
| | 05080 | De-Squeak Brake Conditioning Treatment | 11.25 oz | CRC |
| | M725/6 | Squeal Medic | 11.25 oz | Gunk |
| | L608/6 | Disc Brake Caliper Grease | 8 oz | Liquid Wrench |

## ANTI-SEIZE / DIELECTRIC GREASE

| | PN | DESCRIPTION | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|
|  49558 | 49550 | Anti-Seize & Lubricating Compound | 4 oz | Bottle | Dynatex |
| | 49558 | Anti-Seize & Lubricating Compound | 8 oz | Bottle | Dynatex |
| | 49560 | Anti-Seize & Lubricating Compound | 16 oz | Bottle | Dynatex |
| | 49576 | Anti-Seize & Lubricating Compound | 16 oz | Bottle | Dynatex |
| | 49634 | Dielectric Grease — Small Tube | 1/3 oz | Tube | Dynatex |
| | 49635* | Dielectric Grease | 5 oz | Tube | Dynatex |
| | 49633† | Dielectric Grease — Brush Top | 8 oz | Bottle | Dynatex |
| | 14095 | Copper Anti-Seize & Lubricating Compound | 12 oz | Spray | CRC |
| | SL35901 | Copper Anti-Seize & Lubricating Compound | 8 oz | Bottle | CRC |
| | SL35911†† | Nickle Anti-Seize Lubricating Compound | 8 oz | Bottle | CRC |
| | L808†† | Anti-Seize Lubricant | 8 oz | Bottle | Liquid Wrench |

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## TRAILER REPAIR

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
| | **CAULK** | | | | | |
|  49280 | 49294 | Ind Grade RTV Silicone Sealant | Clear | 11 oz | Cartridge | Dynatex |
| | 49281 | Ind Grade RTV Silicone Sealant | Grey | 11 oz | Cartridge | Dynatex |
| | 49285 | Ind Grade RTV Silicone Sealant | White | 11 oz | Cartridge | Dynatex |
| | **SEALANTS** | | | | | |
| | 6324† | North America's Premier Adhesive/Sealant | White | 11 oz | Cartridge | Silaprene |
| | 6325† | North America's Premier Adhesive/Sealant | Gray | 11 oz | Cartridge | Silaprene |
| | 6328† | North America's Premier Adhesive/Sealant | Super White | 11 oz | Cartridge | Silaprene |
| | 49390† | GTX Multi-Seal Adhesive/Sealant | Black | 11 oz | Cartridge | Dynatex |
| | 49391† | GTX Multi-Seal Adhesive/Sealant | Grey | 11 oz | Cartridge | Dynatex |
| | 49392† | GTX Multi-Seal Adhesive/Sealant | White | 11 oz | Cartridge | Dynatex |
| | **ROOF REPAIR** | | | | | |
| | 640† | Roof Sealant Trowelable | Alum | Gallon | Pail | Vulkem |
| | SG1G† | Roof Sealant Brushable | Alum | Gallon | Pail | Seal-Gap |

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## WEATHER STRIP ADHESIVES

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
|  08008 | 03602† | Super Weather Strip Adhesive | Black | 1 oz | Tube | 3M |
| | 08008† | Super Weather Strip Adhesive | Black | 5 oz | Tube | 3M |
| | 08001† | Super Weather Strip Adhesive | Yellow | 5 oz | Tube | 3M |
| | 08002† | Super Weather Strip Adhesive | Yellow | 2 oz | Tube | 3M |
| | 08581† | Super Weather Strip & Gasket Adhesive | Black | 2 oz | Tube | 3M |
| | 49429† | Black Super Weather Strip Adhesive | Black | 5 oz | Tube | Dynatex |
| | 49430† | Yellow Supper Weather Strip Adhesive | Yellow | 5 oz | Tube | Dynatex |

## EPOXY / COLDWELD

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
|  8281 | 8281†† | JB Weld — Pro Size | Gray | 10 oz | Tube | JB Weld |
| | 8265-S†† | JB Weld | Gray | 2 oz | Tube | JB Weld |
| | 8267-S†† | Stik Putty Epoxy | Gray | 2 oz | Tube | JB Weld |
| | 8271†† | KwikWeld — Pro Size | Gray | 10 oz | Tube | JB Weld |
| | 8276†† | KwikWeld | Gray | 2 oz | Tube | JB Weld |
| | 49412† | Brush-On Electrical Tape | Black | 4 oz | Bottle | Dynatex |
| | 14070††† | Minute Mend™ Epoxy Putty | Green / White | 4 oz | Stick | CRC |

## THREADLOCKERS / BOLT LOCKERS / THREAD SEALANTS

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
|  49442 | 49441 | Medium Strength Bolt Locker | Blue | 6 ml | Bottle | Dynatex |
| | 49440 | Medium Strength Bolt Locker | Blue | 10 ml | Bottle | Dynatex |
| | 49442 | Medium Strength Bolt Locker | Blue | 24 ml | Bottle | Dynatex |
| | 49446 | Threadlocker Gel Medium | Blue | 35 ml | Bottle | Dynatex |
| | 49444 | Medium Strength Bolt Locker | Blue | 250 ml | Bottle | Dynatex |
| | 49451 | High Strength Bolt Locker | Red | 6 ml | Bottle | Dynatex |
| | 49452 | High Strength Bolt Locker | Red | 24 ml | Bottle | Dynatex |
| | 49454 | High Strength Bolt Locker | Red | 35 ml | Bottle | Dynatex |
| | 49456 | High Strength Threadlocker Gel | Red | 35 ml | Bottle | Dynatex |
| | 44453 | High Strength Medium Bolt Locker | Red | 50 ml | Bottle | Dynatex |
| | 49460 | Bolt Locker Hi Strength Low Viscosity Bottle | Green | 10 ml | Bottle | Dynatex |
| | 49463 | Bolt Locker Medium Strength Bottle | Green | 50 ml | Bottle | Dynatex |
| | 49486†† | Pipe Sealant w/ Teflon | White | 50 ml | Bottle | Dynatex |
| | 49494† | Thread Sealant w/ Teflon | White | 4 oz | Bottle | Dynatex |
| | 49495 | Thread Sealant w/ Teflon | White | 16 oz | Bottle | Dynatex |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.
†† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.
††† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Reproductive Harm — www.P65Warnings.ca.gov.

## GASKET MAKERS

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
|  49202 | 401612† | Copper Coat High Temp Gasket Compound | Copper | 9 oz | Aerosol | K&W |
| | 47181† | DynaGrey RTV Silicone Gasket Maker | Gray | 3 oz | Tube | Dynatex |
| | 47200† | DynaRTV Silicone Gasket Maker | Black | 3 oz | Tube | Dynatex |
| | 47182† | DynaGrey RTV Silicone Gasket Maker | Gray | 8 oz | Automatic Can | Dynatex |
| | 47201† | DynaBlack RTV Silicone Gasket Maker | Black | 8 oz | Automatic Can | Dynatex |
| | 47205† | DynaPlus Gasket Maker | Black | 5 oz | Cartridge | Dynatex |
| | 47206† | DynaPlus Gasket Maker | Black | 6.75 oz | Trigger Can | Dynatex |
| | 49200 | L/V RTV Silicone Gasket Maker | Black | 3 oz | Tube | Dynatex |
|  49290 | 49202 | Hi-Temp L/V RTV Silicone Gasket Maker | Red | 3 oz | Tube | Dynatex |
| | 49204 | RTV Silicone Adhesive / Sealant | Clear | 3 oz | Tube | Dynatex |
| | 49280 | Industrial Grade RTV Silicone Sealant | Clear | 11 oz | Cartridge | Dynatex |
| | 49271†† | L/V RTV Gasket Maker | Black | 8 oz | Automatic Can | Dynatex |
| | 49272†† | Hi-Temp L/V RTV Silicone Gasket Maker | Red | 8 oz | Automatic Can | Dynatex |
| | 49274 | Silicone Adhesive / Sealant | Clear | 8 oz | Automatic Can | Dynatex |
| | 49276 | L/V RTV Silicone Gasket Maker | Blue | 8 oz | Automatic Can | Dynatex |
| | 49290†† | L/V RTV Silicone Gasket Maker | Black | 11 oz | Cartridge | Dynatex |
| | 49292 | Hi-Temp L/V RTV Silicone Gasket Maker | Red | 11 oz | Cartridge | Dynatex |
| | 49293 | L/V RTV Silicone Gasket Maker | Blue | 11 oz | Cartridge | Dynatex |
| | 49477 | High Strength Anaerobic Gasket Maker | Red | 50 ml | Bottle | Dynatex |

## OTHER ADHESIVES

| | PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|---|
|  49403 | 39358 | Hi-Tack Gasket Adhesive Spray | Red | 9 oz | Aerosol | Dynatex |
| | 49401 | Rear View Mirror Adhesive | Clear | 0.3 ml | Tube | Dynatex |
| | 49403 | Super Glue | Clear | 3 g | Tube | Dynatex |
| | 49433 | Super Glue Gel | Clear | 2 g | Tube | Dynatex |
| | 03601† | Plastic Emblem and Trim Adhesive | Clear | 1 oz | Tube | 3M |
| | 38808 | Headliner & Fabric Adhesive | Clear | 18 oz | Aerosol | 3M |

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†† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.

## TAPES

3M

| | PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|---|
| | **DUCT TAPE** | | | |
|  HDVTE4-0113 | HDVTE4-0113 | 4.8cm × 50M Duct Tape | 1.9″ × 55 yd | HD Value |
| | 06976 | Duct Tape | 2″ × 60 yd | 3M |
| | **ELECTRICAL TAPE** | | | |
| | EL60† | Electrical Tape — Vinyl | 3/4″ × 60′ | Super Stik |
| | 06132†† | Super 33+ Vinyl Tape | 3/4″ × 66′ | 3M |
|  EL60 | 06143†† | Scotch-Super 88 Premium Vinyl Tape | 3/4″ × 66′ | 3M |
| | 06138†† | Highland Plastic Tape | 3/4″ × 66′ | 3M |
| | 06133†† | Super 33+ Premium Vinyl Tape | 3/4″ × 52′ | 3M |
| | 03799†† | Scotch® Super 33+ Vinyl Tape w/ Dispenser | 3/4″ × 37.5′ | 3M |
| | 03407 | Friction Tape | 3/4″ × 20′ | 3M |
| | **MOLDING TAPE** | | | |
| | 03609 | Super Strength Molding Tape | 1/2″ × 5′ | 3M |
| | 03614 | Super Strength Molding Tape | 1/2″ × 15′ | 3M |
| | 03615 | Super Strength Molding Tape | 7/8″ × 5′ | 3M |
| | 03616 | Super Strength Molding Tape | 7/8″ × 15′ | 3M |
| | **MASKING TAPE** | | | |
| | 03431 | Automotive Performance Masking Tape | 18 mm × 32M | 3M |
| | 03433 | Automotive Performance Masking Tape | 36 mm × 32M | 3M |
| | 03435 | Automotive Performance Masking Tape | 48 mm × 32M | 3M |
| | 06301 | Fine Line Tape | 1/4″ × 60 yd | 3M |
| | 06340 | Auto Refinishing Masking Tape | 2″ × 60 yd | 3M |
| | 26340 | Refinishing Masking Tape | 2″ × 60 yd | 3M |
| | 26334 | Refinishing Masking Tape | 18 mm × 55M | 3M |
| | **OTHER TAPE** | | | |
|  TP260 | TP260 | Teflon Tape | 1/2″ × 260″ | — |
| | TP520 | Teflon Tape 7420 | 1/2″ × 520″ | — |
| | 19220 | Black Safety Walk Tape | 1″ × 60′ | 3M |
| | 04862 | Dual Lock™ Reclosable Fasteners | 1″ × 1″ | 3M |

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†† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.

## MULTI-PURPOSE LUBRICANTS / PENETRANTS



03029



05002

| PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|
| 03005 | 3-36® Multi-Purpose Lubricant & Corrosion Inhibitor | 11 oz | CRC |
| 03029 | Roll-up Door Lubricant | 11 oz | CRC |
| 03045† | Power Lube® Industrial High Performance Lubricant w/ PTFE | 10 oz | CRC |
| 03050††* | Chain & Wire Rope Lubricant | 12 oz | CRC |
| 03084†† | Dry Moly Lube | 11 oz | CRC |
| 03086 | Food Grade Penetrating Oil | 11 oz | CRC |
| 03094† | Dry Graphite Lube | 10 oz | CRC |
| 05002††† | Freeze-Off® Super Penetrant | 11.5 oz | CRC |
| 05005 | Power Lube® Multi-Purpose Lubricant | 9 oz | CRC |
| 05006 | Power Lube® Multi-Purpose Lubricant | 11 oz | CRC |
| 05007 | Power Lube® Multi-Purpose Lubricant | 1 gal | CRC |
| 05174† | Heavy Duty Silicone Lubricant | 11 oz | CRC |
| 05305 | Inner Slide Lube | 10.5 oz | CRC |
| 05330† | Ultra Screwloose® Super Penetrant | 11 oz | CRC |
| 05350 | Belt Conditioner | 7.5 oz | CRC |
| 14050 | Cutting Oil Thread Cutting Lubricant | 12 oz | CRC |
| LED411/6 | Pro Penetrant & Lubricant | 11 oz | Liquid Wrench |
| LMP8 | Multi-Purpose Lubricant | 8 oz | Liquid Wrench |
| 401712† | Technician Grade Knock'er Loose® Lubricant & Penetrant | 9 oz | K&W |
| 401724† | Technician Grade Knock'er Loose® Lubricant & Penetrant | 18 oz | K&W |
| SL2512†† | Soluble Oil | 32 oz | Sta-Lube |
| SL2513†† | Soluble Oil | 1 gal | Sta-Lube |
| SL2531††† | Air Tool Oil | 15 oz | Sta-Lube |
| SL2533††† | Air Tool Oil | 1 gal | Sta-Lube |
| SL2612 | Bar & Chain Lubricant | 32 oz | Sta-Lube |
| 10P | Air Tool Oil | 16 oz | Ingersoll Rand |
| 52188* | Belt Dressing | 16 oz | Dynatex |

* Product not for sale in all locations. Contact your local branch for availability.

— continued on following page

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## MULTI-PURPOSE LUBRICANTS / PENETRANTS, continued



L112



L212



490194

| PN | DESCRIPTION | SIZE | BRAND |
|---|---|---|---|
| L140 | Super Penetrant | 4 oz | Liquid Wrench |
| L504 | Dry Lubricant | 4 oz | Liquid Wrench |
| L112 | Super Penetrant | 11 oz | Liquid Wrench |
| L116 | Super Penetrant | 16 oz | Liquid Wrench |
| L134 | Super Penetrant | 1 gal | Liquid Wrench |
| L212 | Super Lubricant | 11 oz | Liquid Wrench |
| L204 | Lubricating Oil | 4 oz | Liquid Wrench |
| L508 | Heavy Duty Spray Lubricant w/ PTFE | 6 oz | Liquid Wrench |
| L512 | Heavy Duty Spray Lubricant w/ PTFE | 11 oz | Liquid Wrench |
| L616† | White Lithium Grease w/ Cerflon | 10.25 oz | Liquid Wrench |
| L666†† | White Lithium Grease | 16 oz | Liquid Wrench |
| L711† | Chain Lube | 12 oz | Liquid Wrench |
| M206† | Belt Dressing Spray | 6 oz | Gunk |
| M914† | Heavy Duty Silicone Spray Lubricant | 11 oz | Liquid Wrench |
| M3312†† | Hydraulic Jack Oil | 12 oz | Liquid Wrench |
| M3332†† | Hydraulic Jack Oil | 32 oz | Liquid Wrench |
| 10006 | Oil Gun Oil Lube | 2 oz | Lucas Oil |
| 10009 | Transmission Fix Lubricant | 24 oz | Lucas Oil |
| 10070 | Lube Air Tool Box Buddy | 2 oz | Lucas Oil |
| 10200 | Quart Air Tool Lube | 1 qt | Lucas Oil |
| 10216 | Air Tool Lube | 16 oz | Lucas Oil |
| 300059 | Specialist Dry Lube | 10 oz | WD-40 |
| 490026 | Smart Straw 12 pk CA | 8 oz | WD-40 |
| 490040 | Smart Straw Can | 11 oz | WD-40 |
| 490194 | EZ-Reach | 14.4 oz | WD-40 |
| 16-PB†† | Penetrating Catalyst | 11 oz | Blaster |

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††Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer — www.P65Warnings.ca.gov.



# GET A LEG UP ON QUALITY

## LANDING GEAR LEGS COMPARABLE TO OEM QUALITY

### 10-BOLT SET P/N: LLSB1-3578

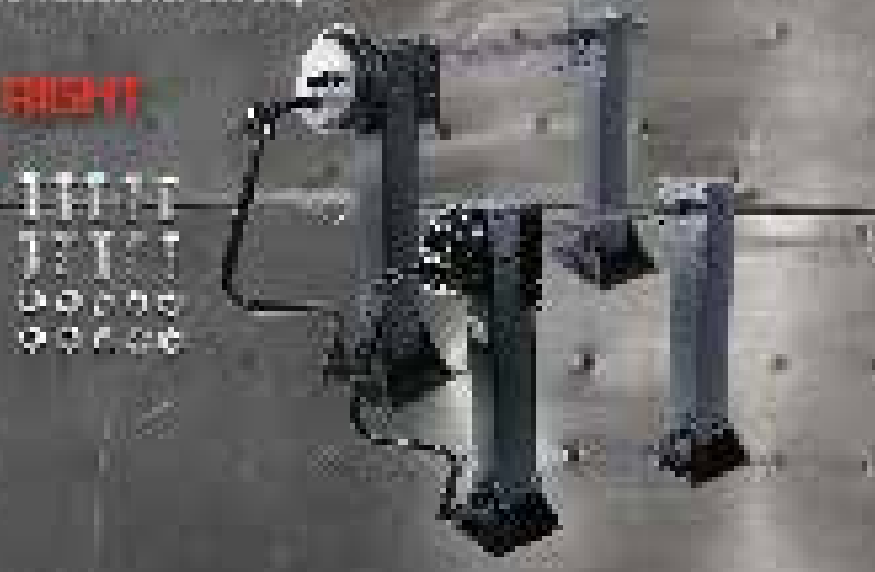
- Static load capacity: 170,000 lbs.
- Lifting capacity: 50,000 lbs.
- Side load capacity: 85,000 lbs.
- Comparable to K.C. Holland Axles 55 and other 10-bolt
- 17" travel, standard sand shoe
- Hardware included for use only

### 8-BOLT SET P/N: LLAB1-7078

- Static load capacity: 140,000 lbs.
- Lifting capacity: 35,000 lbs.
- Side load capacity: 87,000 lbs.
- Direct replacement for Austin CMR/CMS — Comparable to Holland Classic
- 17" travel, standard sand shoe
- Hardware included for use only

## BOLT KITS FINISH THE JOB RIGHT

- Universal for 8- and 10-bolt axles
- Kit includes ten 5/8" (11mm) x 1-1/2" bolts, and ten 5/8" (11mm) nylon insert lock nuts P/N LBBK10



## AVAILABLE AT PDC

Call 800.549.7278

# Trailer Parts

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## TRAILER DOORS



ROLL DOOR



SWING DOOR

## ROLL DOOR REPLACEMENT PARTS & HARDWARE




| | FLEETPRIDE PN | TODCO PN | WHITING PN | DESCRIPTION |
|---|---|---|---|---|
| **SINGLE SPRING — 1" ROLLER — TODCO APPLICATION** | | | | |
| | 61174P | 61174 | 4027 | 1" Steel Door Roller |
| | 5640P | 5640 | — | 1" Nylon Door Roller |
| | 70305P | 7305 | 4025 | 1" Precision Steel Door Roller |
| | 51038P | 51038 | 4033 | Bearing Assembly |
| | 69035P | 69035, 70236 | 4077 | End Hinge |
| | 69431P | 69431, 70233 | 4038 | Side-Adjustable Top Fixture |
| | 69432P | 69432 | 4051 | Base for Side-Adjustable Top Fixture |
| | 69433P | 69433 | 4039 | Complete Adjustable Top Fixture |
| | 61196P | 61196, 70238 | 4012 | Center Hinge |
| | 61352P | 61352 | 4003 | Bottom Fixture |
| | 61204P | — | — | Cable Anchor Bracket |
| | 61226P | 61026 | 10-1004-2 | Cable Anchor Pin |
| | 61401P | 61401 | 1715 | Lift Handle — Galvanized |
| | 69571P | 69571 | — | Lock Assembly |
| | 69572P | 69572 | — | Lock Keeper Assembly |
| | 59129P-2 | 59129-2 | — | Roadside Cable Drum — Doors to 105" |
| | 59129P-1 | 59129-1 | — | Curbside Cable Drum — Doors to 105" |
| | 59157P-4 | 59157-4 | — | Roadside Cable Drum — Doors 105"–120" |
| | 59157P-3 | 59157-3 | — | Curbside Cable Drum — Doors 105"–120" |
| | 61390P | 61390 (Each) | 4019 | 110" Side Seal (Pair) |
| | 70131P | 70131 (Each) | — | 110" Dual Lip Side Seal (Pair) |
| | 61402P | 61402 | — | 96" Header Seal (Each) |
| | 61191P | 61191 | 4034 | Bottom Angle |

## ROLL DOOR REPLACEMENT PARTS & HARDWARE, cont'




| FLEETPRIDE PN | TODCO PN | WHITING PN | DESCRIPTION |
|---|---|---|---|
| **DUAL SPRING — 2" ROLLER — WHITING APPLICATION** | | | |
| 2996P | 70224 | 2996 | 2" Steel Door Roller |
| 3228P | 70225 | 3228 | 2" Nylon Door Roller |
| 1207P | — | 1207 | End Hinge |
| 1208P | — | 1208 | End Hinge Cover |
| 1209P | 70224 | 1209 | Complete End Hinge Assembly |
| 6943P | — | 6943 | Top Slide Bracket — Heavy Duty |
| 1264P | — | 1264 | Top Closure Base w/ Nuts and Bolts |
| 6944P | — | 6944 | Complete Top Closure Bracket |
| 15P | — | 15 | Center Hinge |
| 4004P | — | | Cable Anchor Bracket |
| 1371P | — | 1371 | Bottom Bracket Assembly |
| 1370P | — | 1370 | Bottom Roller Stud Plate |
| 1021P | — | 1021 | Bottom Roller Shaft Cover |
| 1715P | — | | Lift Handle — Black |
| 77P | — | 77PTLCLR | Lock Assembly — Offset |
| 4077P | — | 4077 | Lock Assembly — Flat |
| 7515P | — | 7515 | Lock Keeper Assembly |
| 2547P | — | 2547 | Roadside Cable Drum and Bearing Assembly |
| 2548P | — | 2548 | Curbside Cable Drum and Bearing Assembly |
| 5423P-110 | — | 5423-110 | Snap in Side Seal — 110" |
| 3766P | — | 3766 | Pre-Drilled Side Seal — 113" |
| 4032P | — | 4032 | Top Seal Assembly — 98" |
| 1676P-96 | — | 1676-96 | Bottom Seal — 96" |
| **UNIVERSAL APPLICATION** | | | |
| 9723P-18 | 89108-1 | 9723 | 2 X 18 Looped Pull Strap w/ Black Retainer |
| 9723P-24 | 89108-4 | 9723-8 | 2 X 24 Looped Pull Strap w/ Black Retainer |
| 9723P-32 | 89108-2 | 9723-1 | 2 X 36 Looped Pull Strap w/ Black Retainer |
| 1086P-6WHT | — | 1086-6WHT | 2 X 28 Pull Strap w/ White Retainer |
| 89210P-0032 | 89210-0032 | 10-1002-3 | Steel Door Rivet 1/4"×1" |
| 89210P-0036 | 89210-0036 | 10-1002-36 | Steel Door Rivet 1/4"×1-1/8" |
| 89210P-0040 | 89210-0040 | — | Steel Door Rivet 1/4"×1-1/4" |
| 69309P | 69309 | — | Rivet Tool - Rivet Set Tool for 1/4" Rivet |
| 61229P | 61229 | 4126 | Safety Chain |
| 61223P | 61223 | 4110 | Safety Chain Lock |
| 69020P | 69020 | 4132 | Complete Safety Chain Assembly |

## DOOR CABLES



Photo representative for all

| PN | LENGTH | EYE SIZE | CABLE CONSTRUCTION |
|---|---|---|---|
| **1" DOOR APPLICATION** | | | |
| TD-95-7x7-1/4-G | 95" | 1/4" Metal | 7"×7" Galvanized |
| TD-105-7x7-1/4-G | 105" | 1/4" Metal | 7"×7" Galvanized |
| TD-110-7x7-1/4-G | 110" | 1/4" Metal | 7"×7" Galvanized |
| TD-115-7x7-1/4-G | 115" | 1/4" Metal | 7"×7" Galvanized |
| TD-120-7x7-1/4-G | 120" | 1/4" Metal | 7"×7" Galvanized |
| TD-125-7x7-1/4-G | 125" | 1/4" Metal | 7"×7" Galvanized |
| TD-130-7x7-1/4-G | 130" | 1/4" Metal | 7"×7" Galvanized |
| TD-95-7x19-1/4-SS | 95" | 1/4" Metal | 7"×19" Stainless |
| TD-105-7x19-1/4-SS | 105" | 1/4" Metal | 7"×19" Stainless |
| TD-110-7x19-1/4-SS | 110" | 1/4" Metal | 7"×19" Stainless |
| TD-115-7x19-1/4-SS | 115" | 1/4" Metal | 7"×19" Stainless |
| TD-120-7x19-1/4-SS | 120" | 1/4" Metal | 7"×19" Stainless |
| TD-125-7x19-1/4-SS | 125" | 1/4" Metal | 7"×19" Stainless |
| TD-130-7x19-1/4-SS | 130" | 1/4" Metal | 7"×19" Stainless |
| **2" DOOR APPLICATION** | | | |
| WH-95-7x7-5/16-G | 95" | 5/16" Metal | 7"×7" Galvanized |
| WH-105-7x7-5/16-G | 105" | 5/16" Metal | 7"×7" Galvanized |
| WH-110-7x7-5/16-G | 110" | 5/16" Metal | 7"×7" Galvanized |
| WH-115-7x7-5/16-G | 115" | 5/16" Metal | 7"×7" Galvanized |
| WH-120-7x7-5/16-G | 120" | 5/16" Metal | 7"×7" Galvanized |
| WH-125-7x7-5/16-G | 125" | 5/16" Metal | 7"×7" Galvanized |
| WH-130-7x7-5/16-G | 130" | 5/16" Metal | 7"×7" Galvanized |
| WH-95-7x19-5/16-SS | 95" | 5/16" Metal | 7"×19" Stainless |
| WH-105-7x19-5/16-SS | 105" | 5/16" Metal | 7"×19" Stainless |
| WH-110-7x19-5/16-SS | 110" | 5/16" Metal | 7"×19" Stainless |
| WH-115-7x19-5/16-SS | 115" | 5/16" Metal | 7"×19" Stainless |
| WH-120-7x19-5/16-SS | 120" | 5/16" Metal | 7"×19" Stainless |
| WH-125-7x19-5/16-SS | 125" | 5/16" Metal | 7"×19" Stainless |
| WH-130-7x19-5/16-SS | 130" | 5/16" Metal | 7"×19" Stainless |



Photo representative for all

All cables sold in pairs. 1" style doors have 1/4" cable eyes and 2" style doors have 5/16" cable eyes.

## ROLL DOORS — UNIVERSAL

| PN | DESCRIPTION | WIDTH | HEIGHT | OEM REFERENCE |
|---|---|---|---|---|
| **DROP-IN ROLL DOORS — SINGLE SPRING — 1" ROLLER — TODCO APPLICATION — NO TRACK OR OPERATOR** | | | | |
| TD-90X90-PRIME<br>TD-90X90-PPW | 90"× 90" Universal Door | 84-3/4"–88" | 83"–90" | 99611-2 |
| TD-90X100-PRIME<br>TD-90X100-PPW | 90"× 100" Universal Door | 84-3/4"–88" | 90"–100" | 99610-2 |
| TD-98X100-PRIME<br>TD-98X100-PPW | 98"× 100" Universal Door | 90-3/4"–96" | 90"–100" | 99836-2 |
| TD-98X107-PRIME<br>TD-98X107-PPW | 98"× 107" Universal Door | 90-3/4"–96" | 100"–107" | 99837-2 or<br>99890-2 |
| **DROP-IN ROLL DOORS — DUAL SPRING — 2" ROLLER — WHITING APPLICATION — NO TRACK OR OPERATOR** | | | | |
| WH-90X90-PRIME<br>WH-90X90-PPW | 90"× 90" Universal Door | 84-3/4"–88" | 83"–90" | — |
| WH-90X100-PRIME<br>WH-90X100-PPW | 90"× 100" Universal Door | 84-3/4"–88" | 90"–100" | — |
| WH-98X100-PRIME<br>WH-98X100-PPW | 98"× 100" Universal Door | 90-3/4"–96" | 90"–100" | — |
| WH-98X107-PRIME<br>WH-98X107-PPW | 98"× 107" Universal Door | 90-3/4"–96" | 100"–107" | — |

## ROLL DOOR PANELS — UNIVERSAL

| PN | DESCRIPTION | WIDTH × HEIGHT | OEM REFERENCE |
|---|---|---|---|
| **ROLL DOOR REPLACEMENT PANELS — SINGLE SPRING — 1" ROLLER — TODCO APPLICATION** | | | |
| TD-TP-11x98-PRIME<br>TD-TP-11x98-PPW | Top Panel w/ Top Seal | 11"× 98" | 29013-11X98 |
| TD-TP-12x98-PRIME<br>TD-TP-12x98-PPW | Top Panel w/ Top Seal | 12"× 98" | 29013-12X98 |
| TD-TP-15x98-PRIME<br>TD-TP-15x98-PPW | Top Panel w/ Top Seal | 15"× 98" | 29013-15X98 |
| TD-IP-11x98-PRIME<br>TD-IP-11x98-PPW | Intermediate Panel | 11"× 98" | 29014-11X98 |
| TD-IP-11.5x98-PRIME<br>TD-IP-11.5x98-PPW | Intermediate Panel | 11.5"× 98" | 29014-11.5X98 |
| TD-IP-12x98-PRIME<br>TD-IP-12x98-PPW | Intermediate Panel | 12"× 98" | 29014-12X98 |
| TD-IP-13x98-PRIME<br>TD-IP-13x98-PPW | Intermediate Panel | 13"× 98" | 29014-13X98 |
| TD-IP-15x98-PRIME<br>TD-IP-15x98-PPW | Intermediate Panel | 15"× 98" | 29014-15X98 |
| TD-BP-11x98-PRIME<br>TD-BP-11x98-PPW | Bottom Panel w/ Seal Only | 11"× 98" | 29016-11X98 |
| TD-BP-12x98-PRIME<br>TD-BP-12x98-PPW | Bottom Panel w/ Seal Only | 12"× 98" | 29016-12X98 |
| TD-BP-13x98-PRIME<br>TD-BP-13x98-PPW | Bottom Panel w/ Seal Only | 13"× 98" | 29016-13X98 |
| TD-BP-15x98-PRIME<br>TD-BP-15x98-PPW | Bottom Panel w/ Seal Only | 15"× 98" | 29016-15X98 |
| TD-BP-18x98-PRIME<br>TD-BP-18x98-PPW | Bottom Panel w/ Seal Only | 18"× 98" | 29016-18X98 |

PRIME = Primed White  PPW = Prepainted White

— continued on next page

## ROLL DOOR PANELS — UNIVERSAL, continued

| PN | DESCRIPTION | WIDTH × HEIGHT | OEM REFERENCE |
|---|---|---|---|
| **ROLL DOOR REPLACEMENT PANELS — SINGLE SPRING — 1" ROLLER — TODCO APPLICATION, cont'** | | | |
| TD-BP-11x98-PRIME-HW<br>TD-BP-11x98-PPW-HW | Bottom Panel w/ Seal & Hardware — No Lock | 11"× 98" | 29016-1-11X98 |
| TD-BP-12x98-PRIME-HW<br>TD-BP-12x98-PPW-HW | Bottom Panel w/ Seal & Hardware — No Lock | 12"× 98" | 29016-1-12X98 |
| TD-BP-13x98-PRIME-HW<br>TD-BP-13x98-PPW-HW | Bottom Panel w/ Seal & Hardware — No Lock | 13"× 98" | 29016-1-13X98 |
| TD-BP-15x98-PRIME-HW<br>TD-BP-15x98-PPW-HW | Bottom Panel w/ Seal & Hardware — No Lock | 15"× 98" | 29016-1-15X98 |
| TD-BP-18x98-PRIME-HW<br>TD-BP-18x98-PPW-HW | Bottom Panel w/ Seal Only | 18"× 98" | 29016-1-18X98 |
| **ROLL DOOR REPLACEMENT PANELS — DUAL SPRING — 2" ROLLER — WHITING APPLICATION** | | | |
| WH-TP-11x98-PRIME<br>WH-TP-11x98-PPW | Top Panel | 11"× 98" | 340-11X98 |
| WH-TP-12x98-PRIME<br>WH-TP-12x98-PPW | Top Panel | 12"× 98" | 340-12X98 |
| WH-TP-15x98-PRIME<br>WH-TP-15x98-PPW | Top Panel | 15"× 98" | 340-15X98 |
| WH-IP-11x98-PRIME<br>WH-IP-11x98-PPW | Intermediate Panel | 11"× 98" | 342-11X98 |
| WH-IP-11.5x98-PRIME<br>WH-IP-11.5x98-PPW | Intermediate Panel | 11.5"× 98" | 342-11.5X98 |
| WH-IP-12x98-PRIME<br>WH-IP-12x98-PPW | Intermediate Panel | 12"× 98" | 342-12X98 |
| WH-IP-15x98-PRIME<br>WH-IP-15x98-PPW | Intermediate Panel | 15"× 98" | 342-15X98 |
| WH-BP-11x98-PRIME<br>WH-BP-11x98-PPW | Bottom Panel w/ Seal & Aluminum Channel | 11"× 98" | 345-2-11x98 or<br>345-3-11x98 |
| WH-BP-15x98-PRIME<br>WH-BP-15x98-PPW | Bottom Panel w/ Seal & Aluminum Channel | 15"× 98" | 345-2-11x98 or<br>345-3-15x98 |
| WH-BP-11x98-PPW-HW | Bottom Panel w/ Seal & Aluminum Channel & Hardware — No Lock | 11"× 98" | — |
| WH-BP-15x98-PPW-HW | Bottom Panel w/ Seal & Aluminum Channel & Hardware — No Lock | 15"× 98" | — |

## ROLL DOOR REPLACEMENT OPERATOR ASSEMBLIES & TRACK KITS — UNIVERSAL

| PN | TODCO PN | WHITING PN | DESCRIPTION | APPLICATION |
|---|---|---|---|---|
| TD-59292-243x57x96 | 59292.243X57X96 or<br>59174.243X57X96 | — | 243 × 57"× 96" Single Spring Operator Assembly | Todco |
| TD-59174-225x40x96 | 59174.243X57X96 | — | 225 × 40"× 96" Single Spring Operator Assembly | Todco |
| WH-2376-RF-187x31x96 | — | 2376.187X31X93 or<br>2376.187X31X96 | 187 × 31"× 96" Dual Spring Operator w/ Winder | Whiting |
| WH-2376-RF-182x29x90 | — | 2376.182X29X87 or<br>2376.182X29X90 | 182 × 29"× 90" Dual Spring Operator w/ Winder | Whiting |
| TD-TRACK-KIT | — | — | 1" Single Spring Universal Track & Operator Kit | Todco |
| WH-TRACK-KIT | — | — | 2" Dual Spring Universal Track & Operator Kit w/ Winder | Whiting |

## COUNTERBALANCERS — TODCO®



| TODCO PN | SPRING ID | DOOR HEIGHT | TRAILER WIDTH |
|---|---|---|---|
| 59174 | 1-3/4″ | Up to 105″ | 96″ |
| 59230 | 1-3/4″ | 105″ to 120″ | 96″ |
| 59195** | 2-1/2″ | Up to 105″ | 96″ |
| 59195-1** | 2-1/2″ | 105″ to 120″ | 96″ |
| 59209* | 1-3/4″ | Up to 105″ | 96″ to 102″ |
| 59220 | 1-3/4″ | 105″ to 120″ | 96″ to 102″ |
| 59292 | 1-3/4″ | Up to 105″ | 102″ |
| 59293 | 1-3/4″ | 105″ to 120″ | 102″ |

* Shallow header door ** With filler plugs

## SPRING WINDING BAR — TODCO®

| TODCO PN | DESCRIPTION |
|---|---|
| 59310 | Spring Winding Bar 1/2″ × 18″ |

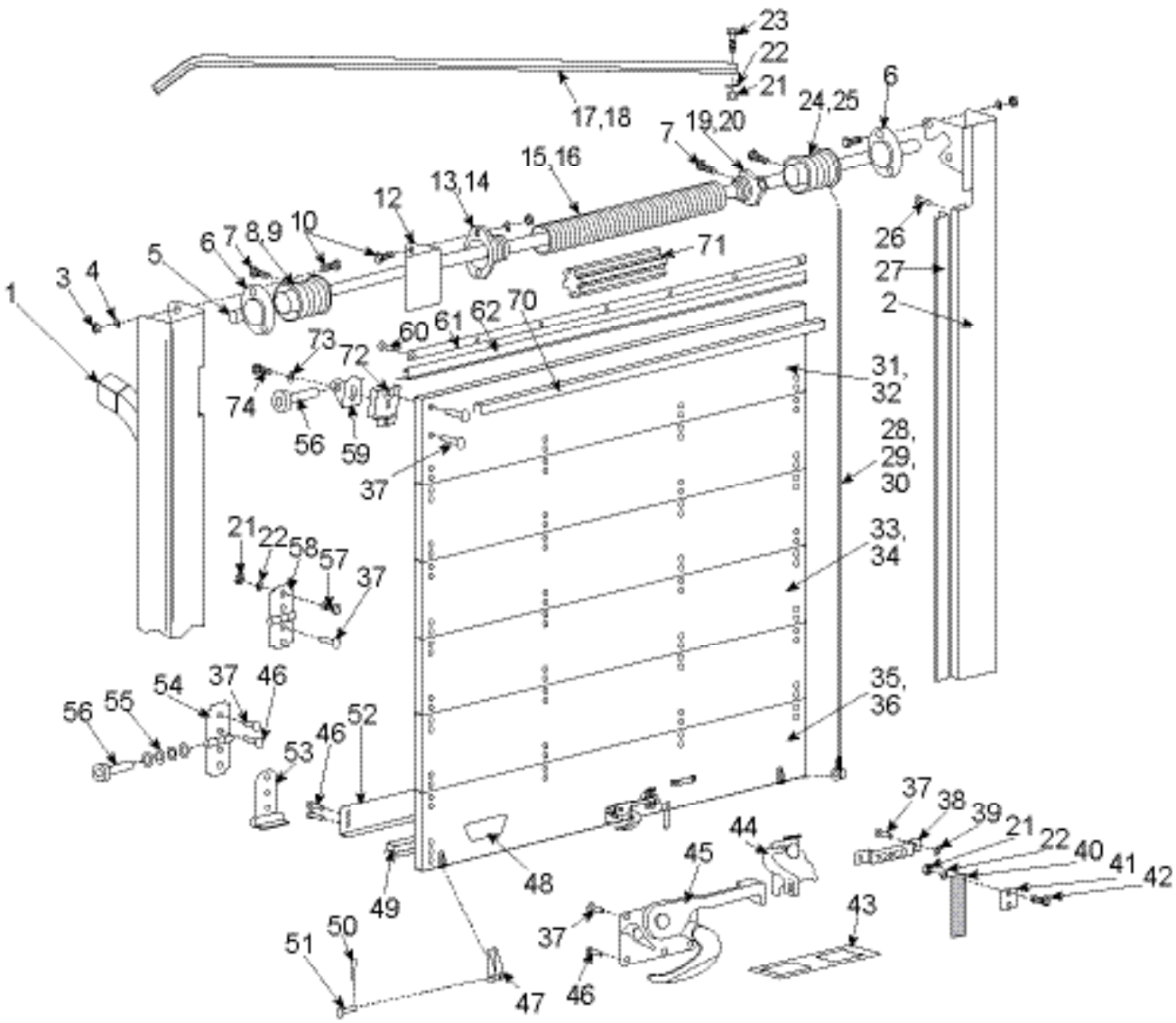
## SPRINGS FOR BALANCER — 2-3/16″ DIAMETER — WHITING®

| WHITING PN | DOOR SIZE LIMITS | SHAFT MINIMUM LENGTH | WIRE SIZE | SPRING LENGTH | COLOR CODE |
|---|---|---|---|---|---|
| 2376 | 60″ – 72″ W to 90″ H | 61″ | .156″ | 19-1/2″ | Dark Gray |
| 2376 | 72″ – 81″ W to 96″ H | 70″ | .171″ | .24″ | Light Yellow |
| 2376 | 81″ – 86″ W to 102″ H | 76″ | .177″ | 27″ | Light Blue |
| 2376 | 85″ – 91″ W to 108″ H | 80″ | .182″ | 29″ | Light Green |
| 2376 | 87″ – 91″ W to 114″ H | 87″ | .187″ | 32-1/2″ | White |
| 2376 | 91″ – 98″ W to 102″ H | 84″ | .187″ | 31″ | White |
| 2376 | 91″ – 98″ W to 120″ H | 90″ | .192″ | 34″ | Red |

NOTE: Be sure to specify spring length.

## 3/4" DRY FREIGHT DOOR — ALUMINUM OR PLASTIC COATED

NOTE: For identification purposes, Todco door hinges are recessed.

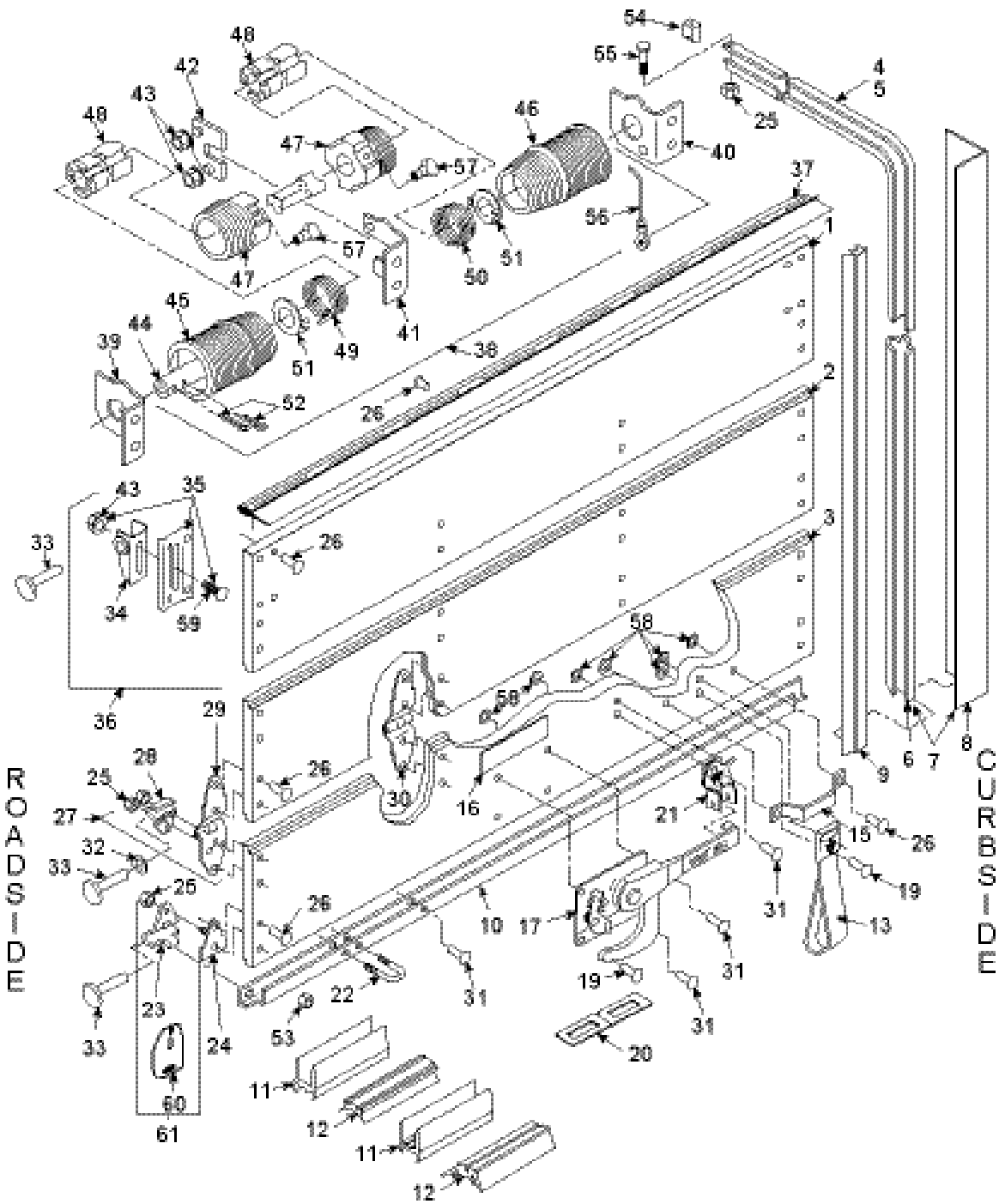


## ROLL DOORS — TODCO

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 1 | 49014-2 | Vertical Track (CS) (specify length) |
| 2 | 49014-1 | Vertical Track (RS) (specify length) |
| 3 | 80352-518 | Hex Nut 5/16" NC |
| 4 | 80322-319 | Lockwasher 5/16" |
| 5 | 51037 | Counter Balance Shaft |
| 6 | 51038 | Bearing Assembly |
| 7 | 80300-2414 | Hex Head Set Screw 3/4" NC × 7/8" |
| 8 | 59129-2 | Cable Drum (RS) Doors to 105" |
| 9 | 59157-4 | Cable Drum (RS) Doors from 105" To 120" |
| 10 | 89186-3 | Hex Bolt 5/16" × 7/8" |
| 12 | 51036-2 | Spring Anchor Bracket |
| 13 | 51043 | Spring Anchor Plug 1-3/4" ID Spring |
| 14 | 59024 | Spring Anchor Plug 2-1/4" ID Spring |
| 15 | 51042 | Spring 1-3/4" ID |
| 16 | 59031 | Spring 2-3/4" ID |
| 17 | 49702-2 | Horizontal Track (CS) (specify length) |
| 18 | 49702-1 | Horizontal Track (RS) (specify length) |
| 19 | 59158 | Spring Winding Plug 1-3/4" ID Spring |
| 20 | 58159 | Spring Winding Plug 2-1/2" ID Spring |
| 21 | 80352-420 | Hex Nut 1/4" NC |
| 22 | 80322-255 | Lockwasher 1/4" |
| 23 | 89105-416 | Hex Head Bolt 1/4" NC × 2" |
| 24 | 59129-1 | Cable Drum (CS) Doors to 105" |
| 25 | 59157-3 | Cable Drum (CS) Doors from 105" to 120" |
| 26 | 89100-1 | Driver Rivet 3/4" Diameter |
| 27 | 61390 | Side Seal (Pair) |
| 28 | 51044 | Door Cables, Doors to 100" Height |
| 29 | 59004 | Door Cables, Doors from 100" to 105" Height |
| 30 | 59003 | Door Cables, Doors from 105" to 120" Height |
| 31 | 29013T | Top Panel (specify length and width) |
| 32 | 29017T | Top Panel Aluminum Covered (specify length and width) |
| 33 | 29014T | Intermediate Panel (specify length and width) |
| 34 | 29018T | Intermediate Panel Aluminum Covered (specify length and width) |
| 35 | 29016T | Bottom Panel (specify length and width) |
| 36 | 29020T | Bottom Panel Aluminum Covered (specify length and width) |
| 37 | 89210-0032 | Rivet 1" |
| 38 | 61401 | Lift Handle |
| 39 | 80302-1720 | Flat Washer 1/4" Diameter |
| 40 | 80844 | Pull Strap |
| 41 | 69832 | Pull Strap Retainer |
| 42 | 89004-1 | Splined Carriage Bolt 1/4" × 1-1/2" |
| 43 | 70093 | Catch Box |
| 44 | 69572 | Keeper Assembly |
| 45 | 69571 | Maximum Security Lock Assembly |
| 46 | 89210-0036 | Rivet 1-1/8" |
| 47 | 61204 | Cable Anchor Bracket |
| 48 | 69793 | Name Plate |
| 49 | 80840 | Bottom Sea |
| 50 | 80401-316 | Cotter Pin 3/4" Diameter |
| 51 | 61026 | Cable Anchor Pin |
| 52 | 61191 | Bottom Angle |
| 53 | 61352 | Bottom Fixture |
| 54 | 69035 | End Hinge |
| 55 | 80020 | Spacer Washer-Roller |
| 56 | 61174 | Roller 1" |
| 57 | 80015-1610 | Step Bolt 1/4" × 1-1/4" |
| 58 | 61196 | Center Hinge |
| 59 | 69431 | Slide — Adjustable Top Fixture |
| 60 | 89100-2 | Drive Rivet |
| 61 | 61403 | Retainer — Head Seal |
| 62 | 61402 | Head Seal |
| 70 | 69314 | Top Channel |
| 71 | 59092 | Filter Plug 2-1/2" |
| 72 | 69432 | Base — Adjustable Top Fixture |
| 73 | 80302-2436 | Flat Washer 3/8" Diameter |
| 74 | 89049 | E–Lok Bolt — 3/8" NC |

## 3/4" DRY FREIGHT DOOR — ALUMINUM OR PLASTIC COATED

NOTE: For identification purposes, Whiting door hinges are recessed.



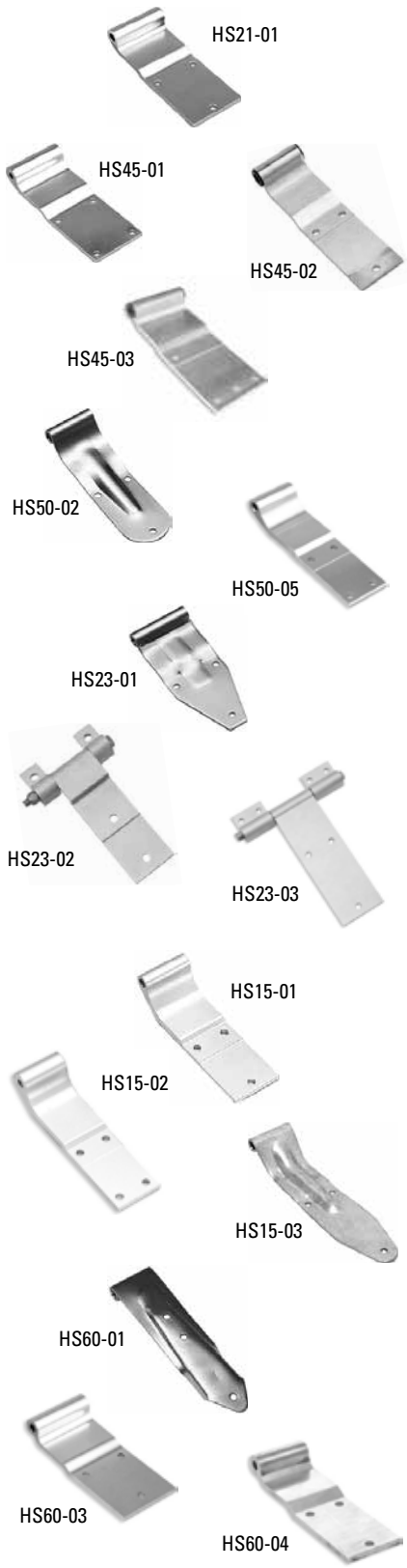
## ROLL DOORS — WHITING

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 1 | 340 | Top Panel (plain) Plastic-Tongue and Grove Joint (specify length and width) |
| 1 | 341 | Top Panel Plastic-Tongue and Grove (w/ top Seal and Closure Brackets (specify length and width) |
| 2 | 342 | Intermediate Panel (plain) Plastic-Tongue and Grove Joint (specify length and width) |
| 3 | 343 | Bottom Panel (plain) Plastic-Tongue and Groove (specify length and width) |
| 3 | 345-2 | Bottom Panel w/ Steel U-Channel (specify length and width) |
| 3 | 345-3 | Bottom Door Panel w/ Bottom Seal only (specify length and width) |
| 3 | 346-2 | Bottom Door Panel complete less #77 Lock (specify length and width) |
| 3 | 348 | Bottom Door Panel complete w/ 77 Lock (specify length and width) |
| 4 | 11-2 | 2" Horizontal Track (CS) (8" Radius) (specify length) |
| 5 | 11-3 | 2" Horizontal Track (RS) (8" Radius) (specify length) |
| 6 | 1031 | Vertical Track (straight) (specify length) |
| 7 | 2275-1 | Vertical Track and Mounting Angles (CS) (specify length and size of each) |
| 7 | 2275-2 | Vertical Track and Mounting Angles (RS) (specify length and size of each) |
| 8 | XX | Mounting Angle (specify length and size)* |
| 9 | 5423 | Side Seal (specify length) |
| 10 | 18-3 | Bottom U Channel Retainer (steel) |
| 11 | 1801 | Bottom U Channel Retainer (Aluminum) (specify length, balancer and lock type) |
| 11 | 8280-2 | Bottom U Channel Retainer (Aluminum) (specify length, balancer and lock type) |
| 12 | 1676 | Bottom Seal (use with 1801 channel) (specify length) |
| 12 | 5735 | Bottom Seal (use with 8280-2) (specify length) |
| 13 | 9723 | Pull Down Strap (specify door height) |
| 15 | 1715 | Grab Handle |
| 16 | 3034 | Decal |
| 17 | 77 | Lock Assembly — No Keeper |
| 19 | 10-1002-9 | Rivet 1/4" × 15/16" — 1/2 HD |
| 19 | 10-1002-49 | Rivet 1/4" × 9/32" — 1/2" HD Stainless Steel |
| 20 | 2804 | Latch Plate |
| 21 | 7515 | Handle Keeper |
| 22 | 70-13 | Cable Anchor 1-1/4" U-Bolt |
| 23 | 1021 | Bottom Roller Shaft Cover |
| 24 | 1370 | Bottom Roller Bracket Stud Plate |
| 25 | 10-1022-1 | Kep Nut 1/4" — 20 |
| 26 | 10-1002-3 | Rivet 1/4" × 1-3/4" HD Cadium Plated Steel |

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 27 | 1209ASM | Roller Hinge Complete w/ Cover and Nut |
| 28 | 1208 | Roller Hinge Cover Clamp |
| 29 | 1207 | Roller Hinge |
| 30 | 15 | Center Hinge |
| 31 | 10-1002-11 | Rivet 1/4" × 1-1/8" — 1/2 HD |
| 32 | 6 | Spacer Washer |
| 33 | 3228 | 2" Nylon Roller |
| 33 | 2996 | 2" Steel Roller |
| 34 | 6943 | Top Closure Slide |
| 35 | 1264 | Top Closure Base w/ Nuts and Bolts |
| 36 | 6944 | Top Closure Assembly Complete |
| 37 | 4032 | Top Seal |
| 38 | 2376 | Balancer (specify shaft length and spring size) |
| 39 | 2524 | Balancer Bracket (RS) |
| 40 | 2523 | Balancer Bracket (CS) |
| 41 | 2525 | Balancer Bracket (center) |
| 42 | 2526 | Balancer Bracket clamp |
| 43 | 10-1063-1 | Self Locking Nut 5/16" — 18 |
| 44 | 2528 | Balancer Shaft (specify length) |
| 45 | 2547 | Cable Drum and Bearing Assembly (RS) |
| 46 | 2548 | Cable Drum and Bearing Assembly (CS) |
| 47 | 2518COM | Winding Cone |
| 48 | 2471 | Spring Spacer |
| 49 | 2704 | RS Torsion Spring (LH wound) (specify wire size and length) |
| 50 | 2705 | CS Torsion Spring (RH wound) (specify wire size and length) |
| 51 | 2522 | Thrust Washer |
| 52 | 10-1009-8 | Cotter Pin 3/16" × 1-1/2" |
| 53 | 10-1033-2 | Self Locking Nut 5/16" — 18 |
| 54 | 83 | 2" Track Stop Bumper |
| 55 | 10-1010-3 | Bolt 1/4" — 20 × 2-1/2" |
| 56 | * | 1/8" Stainless Steel Door Cable w/ 5/16" Eye (specify door height) |
| 57 | 2699 | Set Screw 3/8" – 16 × 5/8" |
| 58 | 10-1006-1 | Washer 1/4" × 3/4" |
| 59 | 2370 | Bolt 5/16" × 5/8" |
| 60 | 5726 | Wear Plate For Doors w/ Bottom Seal |
| 61 | 1371 | Complete Bottom Bracket w/ Cover |

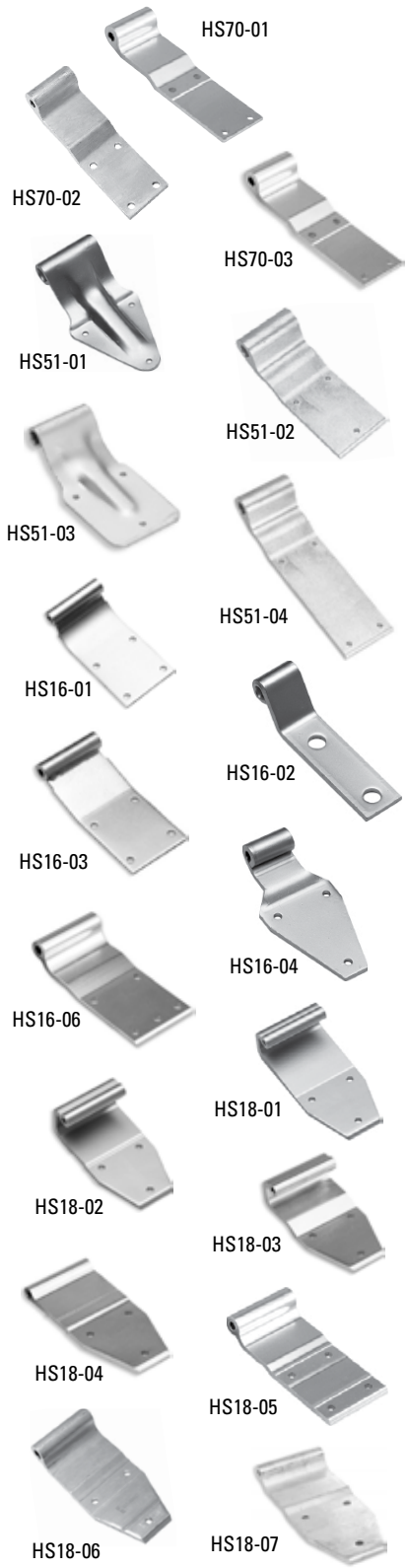
*Part Numbers vary by height. See your PDC Sales Rep for more information.

## SWING DOOR HINGES




| PN | REPLACES | CROSS | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR HYUNDAI** | | | |
| HS21-01 | 20003977 | 023-01657 | 3-Hole Aluminum Hinge w/ Insert |
| **APPLICATION FOR STOUGHTON®** | | | |
| HS45-01 | 04-08316-000-00 | 022-01008 | 4-Hole Aluminum Hinge |
| HS45-02 | 04-86386-001-00 | 022-01081 | 3-Hole Aluminum Hinge |
| HS45-03 | P108530 & P108540 | 022-01086 | 5-Hole Aluminum Hinge |
| **APPLICATION FOR STRICK** | | | |
| HS50-02 | AA33C-0106-01-00 | 022-00490 | 3-Hole Steel Hinge w/ Reinforce Rib |
| HS50-05 | AA35F-0023-01-00 | 022-01013 | 4-Hole Aluminum Hinge |
| **APPLICATION FOR KENTUCKY®** | | | |
| HS23-01 | 2906 & A1-5984-50 | 022-00614 | 3-Hole Steel Hinge |
| HS23-02 | 6616600000 | 022-01040 | 2-Hole Belly Box Hinge Assembly |
| HS23-03 | 6616396000 | 022-01035 | Side Door Hinge Assembly |
| **APPLICATION FOR DORSEY®** | | | |
| HS15-01 | 2810919 | 022-00889 | 3-Hole Aluminum |
| HS15-02 | 2810093 | 022-00888 | 4-Hole Aluminum |
| HS15-03 | 4101481 | 022-00392 | 3-Hole Stamped Steel Hinge |
| **APPLICATION FOR UTILITY®** | | | |
| HS60-01 | 1-4950-004 | 023-00943 | 3-Hole Steel Hinge |
| HS60-03 | 3-4100-019 | 022-01056 | 3-Hole Aluminum Hinge |
| HS60-04 | 3-4100-022 | 022-01184 | 3-Hole Aluminum Hinge |

## SWING DOOR HINGES, continued




| PN | REPLACES | CROSS | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR WABASH®** | | | |
| HS70-01 | WAB06300291 | 022-00975 | 4-Hole Aluminum Hinge |
| HS70-02 | WAB06301272 | 022-01047 | 4-Hole Aluminum Hinge (Reefer) |
| HS70-03 | WN06301527 | 022-01182 | 4-Hole Aluminum Hinge w/ Insert |
| **APPLICATION FOR TRAILMOBILE®** | | | |
| HS51-01 | 515-10-61A | 023-00008 | 3-Hole Steel Hinge |
| HS51-02 | 515-10-65 | 022-00966 | 3-Hole Aluminum Hinge |
| HS51-03 | 515-10-73A | 023-00940 | 3-Hole Steel Hinge Square End |
| HS51-04 | 515-10-781 | 022-01036 | 4-Hole Aluminum Hinge |
| **APPLICATION FOR FRUEHAUF** | | | |
| HS16-01 | DCF-8681-1 | 023-00557 | 4-Hole Steel Hinge (Straight Offset) |
| HS16-02 | DXA-0687 | 022-00013 | 2-Hole Steel Hinge |
| HS16-03 | DCF-3980-1 | 023-00567 | 4-Hole Steel Hinge (Radius Offset) |
| HS16-04 | DCA-02-42 | 022-00007 | 3-Hole Stamped Steel Hinge |
| HS16-06 | BCF-0046-7800-1 & DBA-0015-8300 | 022-01004 | 3- or 5-Hole Aluminum Hinge |
| **APPLICATION FOR GREAT DANE** | | | |
| HS18-01 | 08206 | 023-00562 | 3-Hole Aluminum (Reefer) |
| HS18-02 | 08138 | 023-00563 | 3-Hole Aluminum Dry Freight Hinge |
| HS18-03 | 42500813 | 023-01656 | 3-Hole Aluminum Hinge |
| HS18-04 | 15152 | 022-01007 | 3-Hole Aluminum Hinge |
| HS18-05 | 31800904 | 027-14488 | 4-Hole Aluminum Hinge |
| HS18-06 | 31801018 | 022-00407 | 3-Hole Aluminum Hinge w/Insert |
| HS18-07 | 47563 | 022-01058 | 3-Hole Aluminum Hinge |

## SWING DOOR HINGE PINS

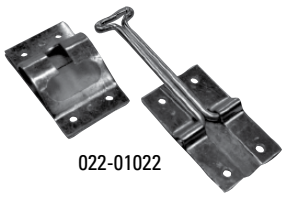
| | PN | REPLACES | CROSS | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR DORSEY®** | | | |
|  HP15-31 | HP15-31 | 5248614 | 997-98022 | Dorsey Style (Zinc Finish) |
| | **APPLICATION FOR FRUEHAUF** | | | |
|  HP16-31 | HP16-31 | WCE007812-001, P1054123 | 997-98017 | Fruehauf and Miner Style (Zinc Finish) |
|  HP16-32 | HP16-32 | P1054097 | 997-98020 | Fruehauf and Miner Style (Stainless Steel) |
| | **APPLICATION FOR GREAT DANE** | | | |
|  HP18-31 | HP18-31 | 44573 | 997-98015 | Great Dane Style (Round Head) (Zinc Finish) |
|  HP18-32 | HP18-32 | 3190100 | 997-98027 | Great Dane Style (Zinc Finish) |
| | **APPLICATION FOR TRAILMOBILE®** | | | |
|  HP51-31 | HP51-31 | 515-12-13 | 997-98016 | Trailmobile Style (Zinc Finish) |
| | **APPLICATION FOR UTILITY** | | | |
|  HP60-31 | HP60-31 | 3-6101-071 | 997-98019 | Utility Style (Zinc Finish) |
| | **UNIVERSAL APPLICATION** | | | |
|  HP-KIT | HP-KIT | — | — | Hinge Bolt Pin Hardware Kit |

## SWING DOOR HINGE BUTTS

| | PN | REPLACES | CROSS | HOLE DIA. | HEIGHT | INSIDE WIDTH | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | **APPLICATION FOR DORSEY®** | | | | | | |
|  HB15-21 | HB15-21 | 4101483 | 023-00662 | 0.51″ | 1.75″ | 2.88″ | Notched |
| | **APPLICATION FOR FRUEHAUF** | | | | | | |
|  HB16-21 | HB16-21 | WCF-3981-1 | — | 0.53″ | 1.18″ | 4.06″ | Notched |
| | HB16-22 | WXA-0562-1 | 023-00675 | 0.51″ | 1.13″ | 2.25″ | Straight |
|  HB16-23 | HB16-23 | WCF-9567-001 | 023-00674 | 0.51″ | 1.88″ | 4.25″ | Notched |
| | **APPLICATION FOR MINER** | | | | | | |
|  HB37-21 | HB37-21 | H-1156-6 | 023-00664 | 0.51″ | 1.38″ | 4.25″ | Notched |
| | **APPLICATION FOR STRICK** | | | | | | |
| | HB50-22 | AA33B-1719-01 | 023-00642 | 0.51″ | 1.50″ | 3.25″ | Straight |
|  HB51-21 | **APPLICATION FOR TRAILMOBILE®** | | | | | | |
| | HB51-21 | 515-11-29 | 023-00678 | 0.63″ | 1.63″ | 3.00″ | Notched |
| | **APPLICATION FOR WABASH®** | | | | | | |
|  HB70-21 | HB70-21 | WAB06300297 | 023-00669 | 0.51″ | 1.38″ | 3.00″ | Notched |

## SWING DOOR HOLDBACKS


021-00051


022-01022


022-00522


22-00081


22-00487


22-00577


21-00371
21-00372
21-00373
21-00374


01-12558-000-00

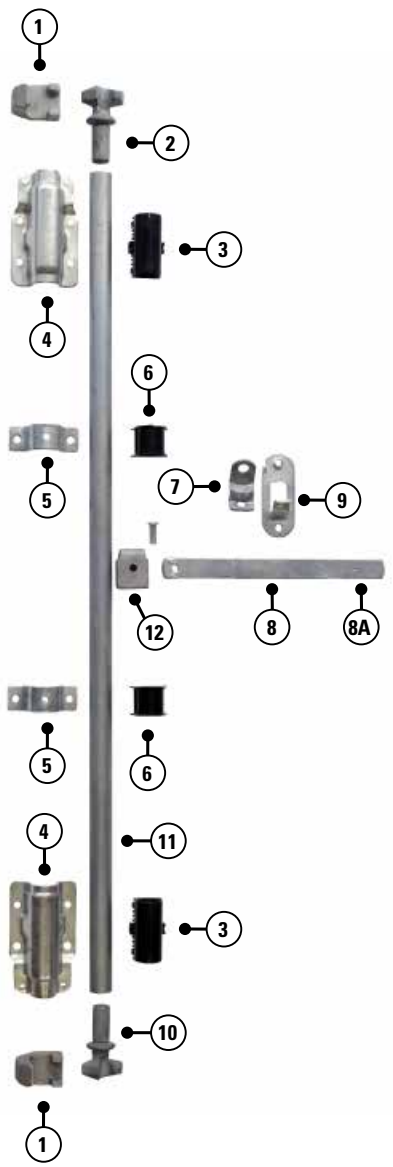

04-85274-000-00


04-85381-000-00

| PN | TRAILMOBILE PN | DESCRIPTION |
|---|---|---|
| **CHAIN & HOLDBACK ASSEMBLIES & COMPONENTS** | | |
| 021-00051 | — | Complete Set Snap, Chain, Lap Link and Anchor |
| 021-00050 | 700-515-33 | Snap, Chain and Lap Link Assembly |
| 021-00043 | 700-532-7 | Handle Type Anchor |
| 021-00053 | — | Lap Link Only |
| **T-SLOT HOLDBACK KITS & COMPONENTS** | | |
| 022-01022 | 700-532-4 | T-Slot Kit 4" (Zinc) |
| 022-01024 | 700-732-5 | T-Slot Kit 6" (Zinc) |
| 022-01023 | 700-532-4 | T-Slot Kit 4" (Stainless) |
| 022-00522 | — | T-Slot Base (Stainless) |
| 022-00990 | — | T-Holder Only 4" |
| 022-00991 | — | T-Holder Only 6" |

| PN | FRUEHAUF PN | TRAILMOBILE PN | EBERHARD PN | DESCRIPTION |
|---|---|---|---|---|
| **SWING DOOR HOLDBACKS & HANDLES** | | | | |
| 022-00081 | 586930 | 515-9-78B | — | Fruehauf Style Two-Hole Holdback |
| 022-00487 | — | — | — | Fruehauf Style Holdback |
| 022-00577 | — | — | 6603-50 | Pig-Tail Holdback |
| **HOLDBACKS SETS & COMPONENTS** | | | | |
| 021-00371 | — | — | — | Set w/ 2" Loop |
| 021-00372 | — | — | — | Set w/ 3" Loop |
| 021-00373 | — | — | — | Set w/ 4" Loop |
| 021-00374 | — | — | — | Set w/ 6" Loop |
| 022-01076 | — | — | — | Loop Only 2" |
| 022-01079 | — | — | — | Loop Only 3" |
| 022-01077 | — | — | 6601-3 | Loop Only 4" |
| 022-00628 | — | — | 9611 | Handle 4.25" |
| 022-00081 | — | — | — | Hook Only |
| **LOOP 3-1/2"** | | | | |
| 01-12558-000-00 | | | | Stoughton Loop 3-1/2" |
| **HOLDBACK HOOK** | | | | |
| 04-85274-000-00 | | | | Stoughton Holdback Hook |
| **S-HOOK** | | | | |
| 04-85381-000-00 | | | | Stoughton S-Hook |

## FOR MINER 1" LOCKROD PARTS KITS & COMPONENTS

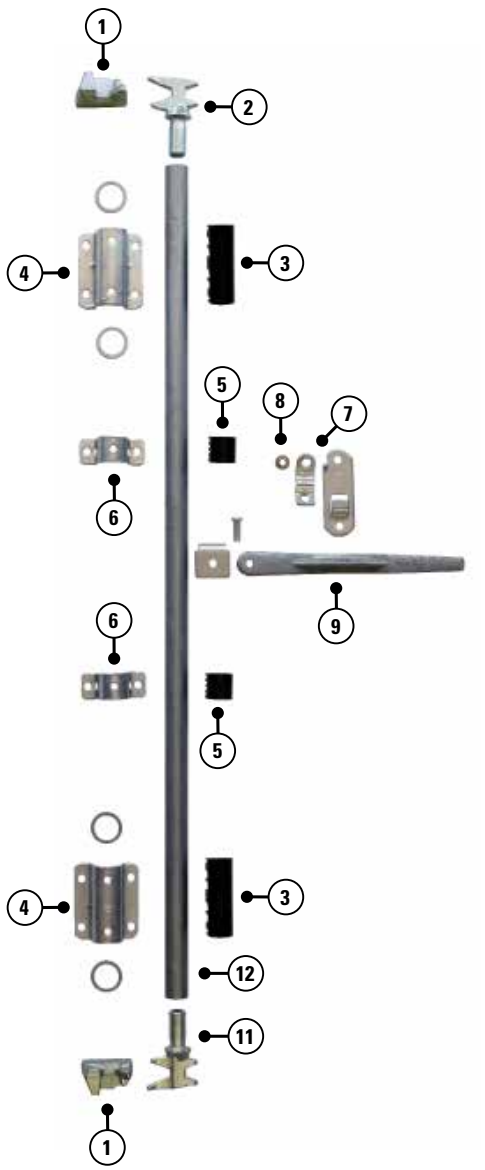



| ITEM | PN | DESCRIPTION | DL-DL KIT P50015 | DL-NH (LH) KIT P50025 | DL-NH (RH) KIT P50035 |
|---|---|---|---|---|---|
| 1 | P10645 | Keeper Weld-On (DI) | 2 | 1 | 1 |
| NP | P41565 | Keeper Weld-On (SH) RH Top / LH Bottom | | | |
| NP | P42235 | Keeper Weld-On (HV) | | | |
| NP | P41405 | Keeper Weld-On (NH) | | 1 | 1 |
| NP | P41555 | Keeper Weld-On (SH) LH Top / RH Bottom | | | |
| 2 | P40445 | Cam End (DI) RH Top / LH Bottom | 1 | 1 | |
| NP | P24975 | Cam End (HV) RH Top / LH Bottom | | | |
| NP | P24985 | Cam End (HV) LH Top / RH Bottom | | | |
| NP | P41415 | Cam End (NH) LH Top / RH Bottom | | 1 | |
| NP | P41425 | Cam End (NH) RH Top / LH Bottom | | | 1 |
| NP | P41535 | Cam End (SH) LH Top / RH Bottom | | | |
| NP | P41545 | Cam End (SH) RH Top / LH Bottom | | | |
| 3 | P40421 | Half Bushing for P42075 Guide Plate | 4 | 4 | 4 |
| 4 | P42075 | Guide Plate | 2 | 2 | 2 |
| 5 | P40055 | Rod Guide | 1 | 1 | 1 |
| 6 | P40061 | Half Bushing for P40055 Rod Guide | 2 | 2 | 2 |
| 7 | P40125 | Seal Pin for Handle | 1 | 1 | 1 |
| 8 | P41465 | Handle Assembly | 1 | 1 | 1 |
| 8a | P40905 | Handle Only | | | |
| 9 | P40115 | Seal Plate for Handle | 1 | 1 | 1 |
| 10 | P40435 | Cam End (DI) LH Top / RH Bottom | 1 | | 1 |
| 11 | P50005A | Lockrod Tubing (Galvanized) 1"× 120" | | | |
| 12 | P42085 | Handle Mount | Sold Separately | | |

Each lockrod kit includes all components to build and mount one lockrod.

DL-NH – Dual Lobe for large cube vans NP – Not Pictured on previous page

## INTERMODAL/CONTAINER 1" LOCKROD PARTS KITS & COMPONENTS — QF-QF*




| ITEM | PN | DESCRIPTION | P51005 |
|---|---|---|---|
| 1 | P42375 | Keeper | 2 |
| 2 | P42025 | Quad Finger Cam (LH) | 1 |
| 3 | P360091 | Guide Plate Bearing | 2 |
| 4 | P360085 | Guide Plate | 2 |
| 5 | P360111 | Rod Guide Bearing | 2 |
| 6 | P360105 | Rod Guide | 2 |
| **NP | P330505 | Seal Pin (LH) | 1 |
| 7 | P330555 | Seal Pin (RH) | — |
| 8 | P330833 | Collar | 1 |
| 9 | P44095 | Lever Assembly | 1 |
| 10 | P330415 | Seal Plate | 1 |
| **NP | P41195 | Anti-Rack Ring | 4 |
| 11 | P42015 | Quad Finger Cam (RH) | 1 |
| 12 | P50005A | Lockrod Tubing (Galvanized) 1"× 120" | Sold Separately |

* QF-QF — Quad Finger System for Marine/Cargo Containers/Intermodal
Each lockrod kit includes all components to build and mount one lockrod (tubing sold separately).
** NP — Not Pictured

## SWING DOORS — BLANKS

| PN | REPLACES | INTERIOR PANEL | OUTER PANEL | DIAMETER | LENGTH | DESCRIPTION |
|---|---|---|---|---|---|---|
| DB3/4X49X110PPWA/MFA | ML5010 | White Aluminum | Mill Finish | 3/4″ | 110-1/2″ | Door Blanks |
| DB3/4X49X121PPWA/MFA | ML5020 | White Aluminum | Mill Finish | 3/4″ | 121″ | Door Blanks |
| DB3/4X49X144PPWA/MFA | ML5060 | White Aluminum | Mill Finish | 3/4″ | 144″ | Door Blanks |
| DB3/4X49X110PPWA/G | ML5011 | White Aluminum | Galvanized Steel | 3/4″ | 110-1/2″ | Door Blanks |
| DB3/4X49X121PPWA/G | ML5021 | White Aluminum | Galvanized Steel | 3/4″ | 121″ | Door Blanks |
| DB1/2X49X121PPWA/MFA | ML5005 | White Aluminum | Mill Finish | 1/2″ | 121″ | Door Blanks |
| DB1-1/4X49X110PPWG/G | ML5055 | White Steel | Heavy Duty | 1-1/4″ | 110-1/2″ | Door Blanks |
| DB11X49X110PPWG-G | ML5035 | White Steel | Galvanized Steel | 1″ | 110-1/2″ | Door Blanks |
| DB3/4X49X110-05B | — | White Aluminum | Mill Finish | 3/4″ | 40-1/2″ | Oriental Strand Board |

## SWING DOORS — CORNER REPAIR / TABS



CRTSKIT-16



CT-1




ML2001

| PN | WHITING PN | DESCRIPTION |
|---|---|---|
| **CORNER REPAIR** | | |
| CRTSKIT-16 | — | 3/4″×16″×16″ |
| NC-CORNER-REPLAC | — | 3/4″×18″×18″ |
| **CORNER TABS** | | |
| CT-1 | ML1823 | 3-1/16″ |
| CT-3 | ML1824 | Wide Corner Tab |
| **CORNER TAB GLUE** | | |
| ML2001 | — | Sea-LOK® Corner Tab Glue |

## SWING DOOR SEALS



CL34X168LDSS



TS34X168

| PN | WHITING PN | TRAILMOBILE PN | SIZE | DESCRIPTION |
|---|---|---|---|---|
| **SUPER SEAL** | | | | |
| CL12X168LDSS | ML1803 58R-8-14 | — | 1/2″× 168″ | Super Seal Light Duty |
| CL12X168SS | ML1803 58R-8-14 | — | 1/2″× 168″ | Super Seal |
| CL34X168LDSS | ML1854 58R-12-14 | — | 3/4″× 168″ | Super Seal Light Duty |
| CL34X168SS | ML1854 58R-12-14 | — | 3/4″× 168″ | Super Seal |
| CL112X168CONV | ML2904 58R-24-14 | — | 1-1/2″× 168″ | Conventional |
| CL114X168SS | ML3025 58R-20-14 | — | 1-1/4″× 168″ | Super Seal |
| CL1X168SS | ML1830 58R-16-14 | — | 1″ × 168″ | Super Seal |
| **TRUE-SEALOR®** | | | | |
| TS34X168-ASSY | — | 700-90-87 | 3/4″× 168″ | Seal w/ Aluminum Retainer |
| TS34X168-SEAL* | — | 700-90-44 | 3/4″× 168″ | Grey Vinyl Seal |
| TS34X168-RETAINER | — | 700-90-43 | 3/4″× 168″ | Aluminum Retainer |

* Use w/ retainer TS34X168-RETAINER

## FLOORING & COMPONENTS


AF118X7


OF114X12


FS516X2

| PN | DESCRIPTION |
|---|---|
| **APITONG TRAILER & CONTAINER FLOORING** | |
| AF118X5 | 1-1/8″ × 5″ (Sold by Foot) |
| AF118X5-12 | 1-1/8″ × 5″ × 12′ |
| AF118X5-16 | 1-1/8″ × 5″ × 16′ |
| AF118X7 | 1-1/8″ × 7″ (Sold by Foot) |
| AF118X7-12 | 1-1/8″ × 7″ × 12′ |
| AF118X7-16 | 1-1/8″ × 7″ × 16′ |
| AF138X5-12 | 1-3/ 8″ × 5″ × 12′ |
| AF138X7-12 | 1-3/ 8″ × 7″ × 12′ |
| AF138X7-16 | 1-3/ 8″ × 7″ × 16′ |
| AF1516X5-12 | 1-5/16″ × 5″ × 12′ |
| AF1516X7-12 | 1-5/16″ × 7″ × 12′ |
| AF19PLY4X8 | 19 Ply 28 mm (1-1/8″ × 46″ × 94″) Container Flooring |
| AF19PLY4X8HG | 19 Ply 28 mm (1-1/8″ × 46″ × 94″) Container Flooring |
| **OAK TRAILER FLOORING** | |
| OF114X12 | 1-1/4″ × 12″ (Sold by Foot) |
| OF114X12-12 | 1-1/4″ × 12″ × 12′ |
| OF114X12-24 | 1-1/4″ × 12″ × 24′ |
| OF114X12-27 | 1-1/4″ × 12″ × 27′ |
| OF118-12 | 1-1/8″ × 12″ (Sold by Foot) |
| OF118X12-12 | 1-1/8″ × 12″ × 12′ |
| OF118X12-24 | 1-1/8″ × 12″ × 24′ |
| OF118X12-27 | 1-1/8″ × 12″ × 27′ |
| OF138X12 | 1-3/8″ × 12″ (Sold by Foot) |
| OF138X12-12 | 1-3/8″ × 12″ × 12′ |
| **TORX HEAD FLOOR SCREWS** | |
| FS1/4X1 | 1/4″ × 1″ |
| FS1/4X11/2 | 1/4″ × 1-1/2″ |
| FS1/4X2 | 1/4″ × 2″ |
| FS1/4X21/2 | 1/4″ × 2-1/2″ |
| FS1/4X3 | 1/4″ × 3″ |
| FS516X2 | 5/16″ × 2″ |
| FS516X21/2 | 5/16″ × 2-1/2″ |
| FS5/16X21/4 | 5/16″ × 2-1/4″ |
| FS5/16X3 | 5/16″ × 3″ |

## FLOORING & COMPONENTS, continued


MS45-01


TP24


CMBK

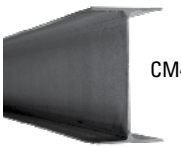

EC-53A/BSFK


FP100ABQCF

| PN | DESCRIPTION |
|---|---|
| **FLOOR CHANNEL** | |
| MS45-01 | Steel |
| **TREAD PLATE** | |
| TP24 | Threshold Plate |
| **CROSS MEMBER BOLT KITS*** | |
| CMBK | |
| KITTX06 | Torx Head |
| **FLOOR SEALER PRODUCTS** | |
| EC-53A/BSFK | Floor Sealer Kit for 53' Trailer |
| **FLOOR SEALER KIT** | |
| Quick Patch "Crack Filler" Quarts are packaged in two individual plastic containers making one (1) quart of final product. Pour Part B into Part A, mix and apply with a putty knife. | |
| FP100ABQCF | Quick Patch Crack Filler |

* One kit covers one cross member

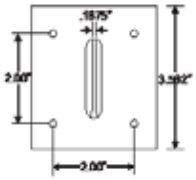
## CROSS MEMBERS — UNPAINTED & UNPUNCHED, 102" LONG


CM4X102

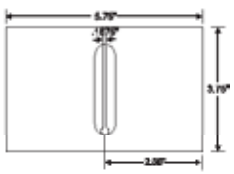
| PN | HEIGHT | DESCRIPTION |
|---|---|---|
| CM3X102 | 3" | Steel |
| CM4X102 | 4" | Steel |
| CMA4X102 | 4" | Aluminum |

## CROSS MEMBER CLIPS — STEEL

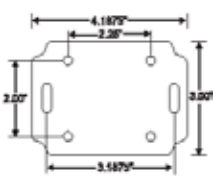

1210-1635



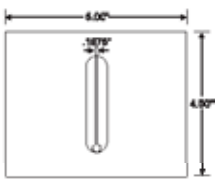

1210-2816




1210-2932

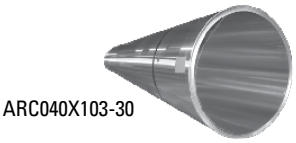



1210-2002

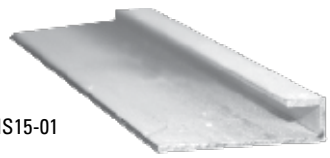


| PN | PENZ | DESCRIPTION |
|---|---|---|
| 1210-1635 | 70-04 | |
| 1210-2816 | 70-10 | No holes |
| 1210-2932 | 70-13 | |
| 1210-2002 | 70-14 | |

## ALUMINUM ROOFING COILS — 103" WIDTH

| | PN | LENGTH | THICKNESS | DESCRIPTION |
|---|---|---|---|---|
|  ARC040X103-30 | ARC040X103-30 | 30' | .040" | For 28' trailer |
| | ARC040X103-54 | 54' | .040" | For 53' trailer |
| | ARC040X103 | * | .040" | *Sold by foot |

## ROOF EDGE TRIM (J–MOLDING)

| | PN | LENGTH |
|---|---|---|
|  MS15-01 | MS15-01 | 10' |
| | MS15-04 | 10.5' |

## TRANSLUCENT ROOFING – 102" WIDTH, 0.075" THICKNESS

| | PN | LENGTH | DESCRIPTION |
|---|---|---|---|
|  TR075X102 | TR075X102-29 | 29' | For 28' Trailer |
| | TR075X102-54 | 54' | For 53' Trailer |

NOTE: Available in special order size. TR075X102–cut .075 sold by the foot.

## ROOF REPAIR KITS

| | PN | DESCRIPTION |
|---|---|---|
|  R50SNPTCHKIT1 | **TRANSLUCENT** | |
| | TFIX | Kemlite |
| | **FIBERGLASS** | |
| | R50SNPTCHKIT1 | Sunpatch |

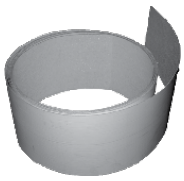
## TRAILER SIDE WALL REPAIR KITS

| | PN | DESCRIPTION |
|---|---|---|
|  V1212W | V1212W | 12" × 12" White Aluminum |
| | V1224W | 12" × 24" White Aluminum |

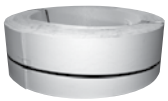
## SIDE WALL SCUFF LINERS



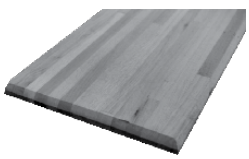
BPS5/8X18-52



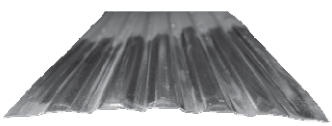
FSL090X12X53



FGP145X12



OSL34X12



GSL12-52

| PN | WIDTH | LENGTH | DESCRIPTION |
|---|---|---|---|
| **POLY — 5/8" THICKNESS** | | | |
| BPS5/8X12-27 | 12" | 27' | Black |
| BPS5/8X12-52 | 12" | 52' | Black |
| BPS5/8X18-27 | 18" | 27' | Black |
| BPS5/8X18-52 | 18" | 52' | Black |
| WPS5/8X12-52 | 12" | 52' | White |
| WPS5/8X18-52 | 18" | 52' | White |
| WPS5/8X24-52 | 24" | 52' | White |
| **FIBERGLASS — 0.090" THICKNESS** | | | |
| FSL090X12X48 | 12" | 48' | — |
| FSL090X12X53 | 12" | 53' | — |
| FSL090X16X48 | 16" | 48' | — |
| FSL090X16X53 | 16" | 53' | — |
| FSL090X24X28 | 24" | 28' | — |
| FSL090X24X53 | 24" | 53' | — |
| FSL090X48X9 | 48" | 9' | — |
| FSL090X48X48 | 48" | 48' | — |
| FSL090X48X53 | 48" | 53" | — |
| FSL090X96X100 | 96" | 100" | — |
| FSL090X101X53 | 101" | 53" | — |
| FSL090X102X53 | 102" | 53' | — |
| **GATOR PLATE FIBERGLASS — 0.145" THICKNESS** | | | |
| FGP145X12 | 12" | 350' | Available in special order sizes |
| **OAK — 3/4" THICKNESS** | | | |
| OSL3/4X12-27 | 12" | 27' | — |
| OSL3/4X12-52 | 12" | 52' | — |
| **STEEL & ALUMINUM** | | | |
| GSL12-52 | 12" | 52' | Galvanized Steel |
| GSL18-47 | 18" | 47' | Galvanized Steel |
| GSL18-52 | 18" | 52' | Galvanized Steel |
| ASL12X52 | 12" | 52' | Aluminum |

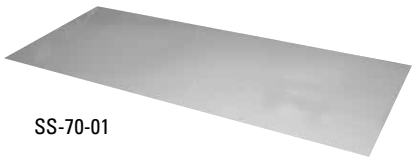
## TRAILER SKIRTS



EZ1932B

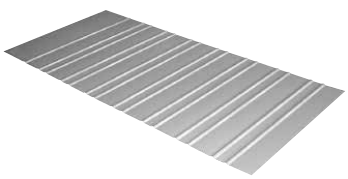
| PN | DESCRIPTION |
|---|---|
| 204000 | Trailer Blade Model 715 |
| EZ1932B | EZ EDGE Trailer Skirt |

## ALUMINUM & FLAT SIDE PANELS — PRE-PAINTED WHITE


SS-70-01

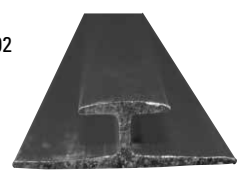
| PN | REPLACES | MFG. | WIDTH | LENGTH | THICKNESS |
|---|---|---|---|---|---|
| SS050X49X110PPW | — | — | 49″ | 110″ | .050″ |
| SS050X49X120PPW | — | — | 49″ | 120″ | .050″ |
| SS050X49X144PPW | — | — | 49″ | 144″ | .050″ |
| SS70-01 | P/NL1-10 | Wabash | 48″ | 112.75″ | .331″ |
| SS70-02 | P/NL1-16 | Wabash | 49″ | 112.75″ | .331″ |

## CORRUGATED SIDE PANELS — 49″ WIDE PRE-PAINTED WHITE



| PN | REPLACES | MFG. | CORRU-GATIONS | LENGTH | THICKNESS | DESCRIPTION |
|---|---|---|---|---|---|---|
| SS18-01 | 11304 | Great Dane | 15 | 102.50″ | .050″ | Aluminum |
| SS18-02 | 11305 | Great Dane | 16 | 110.50″ | .050″ | Aluminum |
| SS51-01 | 700-513-27-26 | Trailmobile | 16 | 107.50″ | .050″ | Aluminum |
| SS51-02 | 700-513-18-26 | Trailmobile | 17 | 115.50″ | .050″ | Aluminum |
| SS60-01 | 3-6001-099 | Utility | 15 | 105.50″ | .050″ | Aluminum |
| SS60-02 | 3-6001-105 | Utility | 16 | 117.125″ | .050″ | Aluminum |
| SS60-03 | 3-6001-103 | Utility | 15 | 105.50″ | .040″ | Aluminum |
| SS60-04 | 3-6001-183 | Utility | 15 | 105.50″ | .040″ | Aluminum |
| SS70-03 | WAB01C00059 | Wabash | 15 | 106.625″ | .050″ | Aluminum |

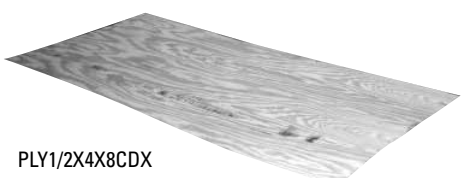
## PLYWOOD ALUMINUM DIVIDER

MS1502


| PN | LENGTH | THICKNESS | DESCRIPTION |
|---|---|---|---|
| MS15-02 | 96″ | 1/4″ | Aluminum |

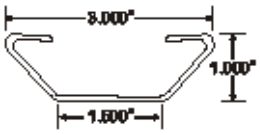
Available in special order sizes

## PLYWOOD & LUAN TRAILER INTERIOR LINERS – 4′ W × 8′ L

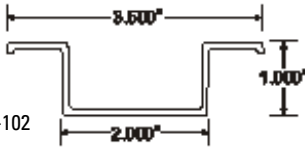

PLY1/2X4X8CDX

| PN | THICKNESS | DESCRIPTION |
|---|---|---|
| LUAN1/4X4X8 | 5.2 mm | Luan |
| PLY1/4X4X8BC | 1/4″ | BC Grade |
| PLY1/4X4X8CDX | 1/4″ | CDX |
| PLY1/2X4X8CDX | 1/2″ | CDX |

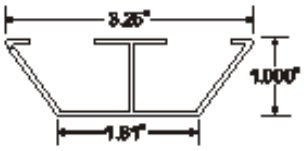
## ROOF BOWS



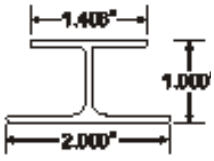

RB15-04-102



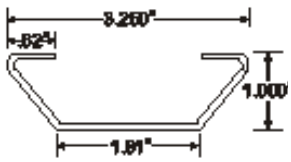

RB15-05-102



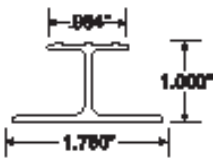

RB16-01-102




RB16-02-102



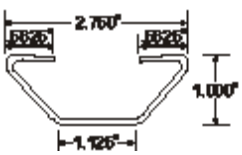

RB16-03-102



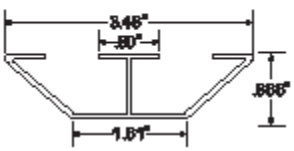

RB16-04-102




RB16-05-102



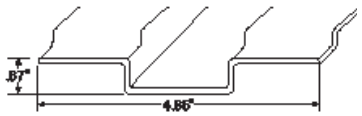

RB21-02-102



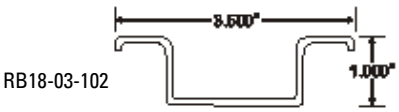

RB21-01-102

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR DORSEY®** | | | |
| RB15-04-102 | 121069907 | 98.69" | Anti-Snag, Steel |
| RB15-05-102 | 1209108 | 98.69" | Steel |
| **APPLICATION FOR FRUEHAUF** | | | |
| RB16-01-102 | RCF-4335-4 | 98.5" | Anti-Snag, Chambered, Aluminum |
| RB16-02-102 | RCF-4048-1 | 98.5" | Chambered, Aluminum |
| RB16-03-102 | RCF-3718-1 | 98.5" | Anti-Snag, Chambered, Aluminum |
| RB16-04-102 | RCF-8431-1 | 98.5" | Chambered, Aluminum |
| RB16-05-102 | RCF-8426-2 | 97.125" | Anti-Snag, Flattened, Steel |
| **APPLICATION FOR HYUNDAI** | | | |
| RB21-01-102 | 20002799 | 99" | Anti-Snag, Aluminum |
| RB21-02-102 | 20003531 | — | Chambered |

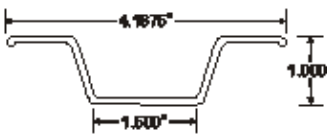
## ROOF BOWS, continued



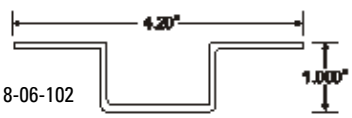
RB18-01-96



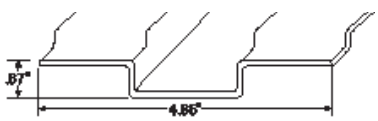
RB18-03-102



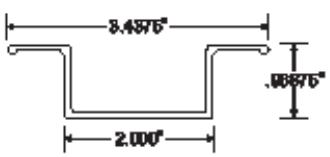
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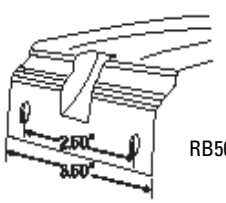
RB18-06-102



RB18-10-102



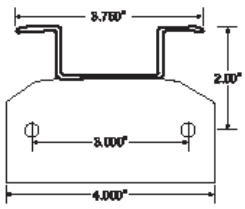
RB22-01-102



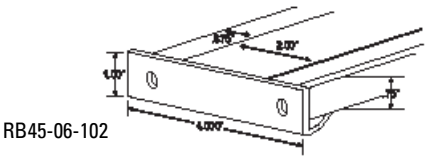
RB50-01-96

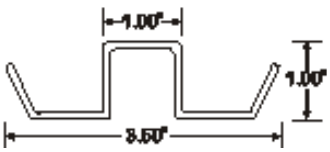
| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR GREAT DANE** | | | |
| RB18-01-96 | 08581 | 92.25" | Chambered, Aluminum, Crimped End |
| RB18-02-102 | 14113 | 98.61" | |
| RB18-03-102 | 41203002 | 98.15" | Chambered, Steel |
| RB18-04-96 | 41203008 | 91.80" | .75 Chambered, Steel |
| RB18-04-102 | 69102526 | 98.62" | |
| RB18-05-102 | RC14300 | 99.12" | Steel |
| RB18-06-102 | 41203004 | 98.16" | Chambered, Steel |
| RB18-07-102 | 41203006 | 98.16" | Chambered, Aluminum |
| RB18-10-102 | 18379 | 92.25" | Chambered Steel, Crimped End |
| RB18-11-102 | 18380 | 98.61" | |
| **APPLICATION FOR LUFKIN** | | | |
| RB22-01-102 | 60101 | 99" | 3/8" Arch, Steel |
| **APPLICATION FOR STRICK** | | | |
| RB50-01-96 | SK27821 | 92.75" | 1 Piece w/ Standard Arch |
| RB50-02-102 | SK27820 | 98.78" | 1 Piece w/ Standard Arch |
| RB50-04-102 | SK01510 | 98.78" | N/S 1 Piece w/ High Arch |
| RB50-06-102 | SK01512 | 100.38" | 1 Piece w/ Arch |
| RB50-08-102 | SK01513 | 99.4375" | 1 Piece w/ High Arch |

## ROOF BOWS, continued

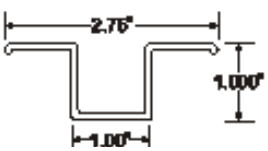


RB45-03-102

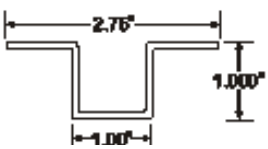

RB45-06-102



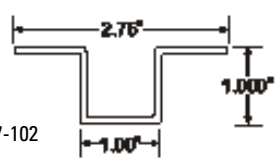
RB51-02-102



RB51-05-102



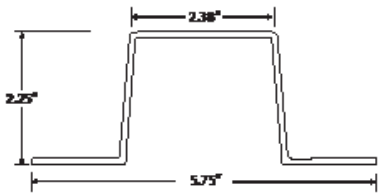
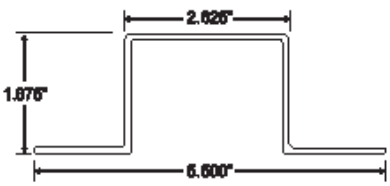
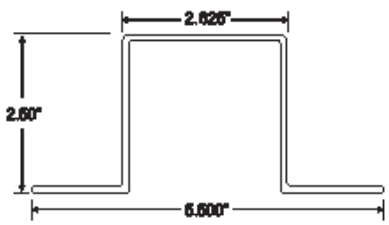
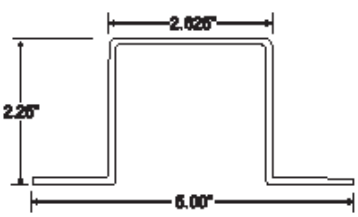
RB51-06-102



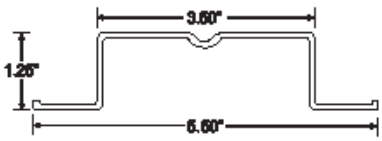
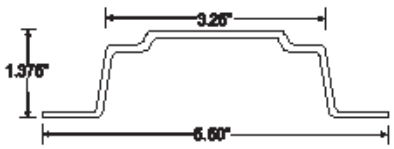
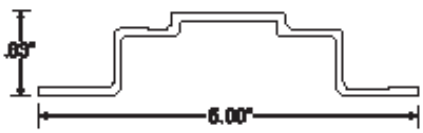
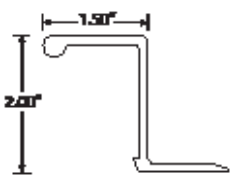
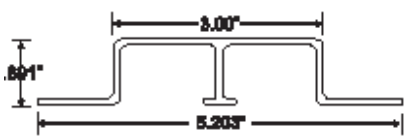
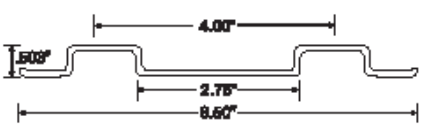
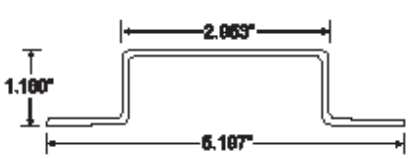
RB51-07-102

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR STOUGHTON®** | | | |
| RB45-02-102 | 23-06636-000-00 | 98.75" | Steel |
| RB45-03-102 | 23-03117-000-00 | 98.75" | Aluminum |
| RB45-04-102 | 23-04006-000-00 | 98.25" | Steel |
| RB45-05-102 | 23-04006-001-00 | 99.25" | Steel |
| RB45-06-102 | 04-20020-001-00 | 98.75" | Steel |
| **APPLICATION FOR TRAILMOBILE®** | | | |
| RB51-02-102 | 514-3-145A-2 | 99-1/8" | Aluminum, Chambered, Hat |
| RB51-05-102 | 9514-3-78B | 99-1/8" | Steel, Chambered, Hat |
| RB51-06-102 | 90-4-1801-0-100 | 100" | Aluminum, Hat |
| RB51-07-102 | 514-3-152B | 99-1/8" | Anti-Snag, Chambered, Steel |

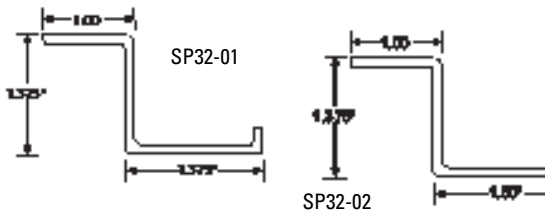
## NOSE POSTS

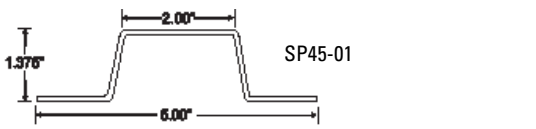
| | PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR GREAT DANE** | | | |
|  NP18-01 | NP18-01 | 09432 | 110" | w/ Joggle |
| | **APPLICATION FOR STOUGHTON®** | | | |
|  1-08034-XXX-00 | 1-08034-XXX-00 | 01-06360-000-00<br>01-04993-000-00<br>01-06668-000-00 | 111.75" | Galvanized Steel, Not Punched |
|  01-12992-006-00 OR 03-12991-110-00 | 01-12992-006-00 | — | 107.38" | Offset Bottom Galvanized Steel, Punched |
| | 03-12991-110-00 | — | 110" | Offset Bottom Galvanized Steel, Unpunched w/ Joggle |
| | **APPLICATION FOR WABASH®** | | | |
|  NP70-01 | NP70-01 | WAB04S00020 | 110" | Steel, Punched |

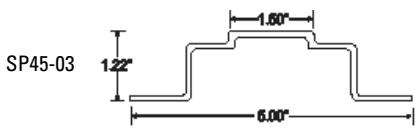
## SIDE POSTS

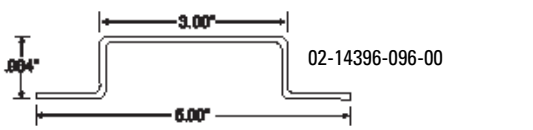
| | PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR FRUEHAUF** | | | |
|  SP16-02 | SP16-02 | STKP30237-110 | 110" | Steel |
|  SP16-04 | SP16-04 | STK20564-108 | 112" | Aluminum |
| | **APPLICATION FOR GREAT DANE** | | | |
|  SP18-01 | SP18-01 | 69103072 | 107" | Logistics, A-Slot |
|  SP18-03 | SP18-03 | 71232 | 112" | Aluminum, 1" Z-Post |
| | **APPLICATION FOR HYUNDAI®** | | | |
|  SP21-01 | SP21-01 | 10005679 | 110" | Aluminum |
|  SP21-02 | SP21-02 | 10011202 | 110" | Logistics, A-Slot |
| | **APPLICATION FOR MONON** | | | |
|  SP30-01 | SP30-01 | AX038496-110 | 110" | Aluminum Container |

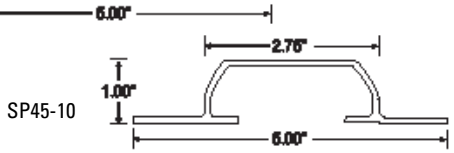
## SIDE POSTS, continued



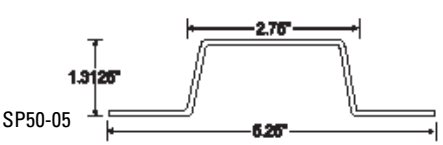



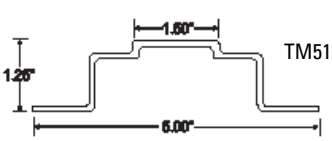



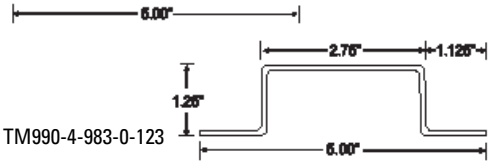









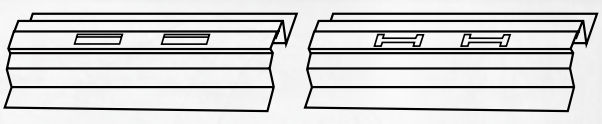



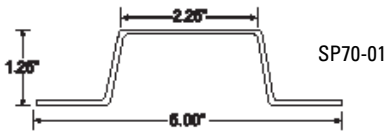
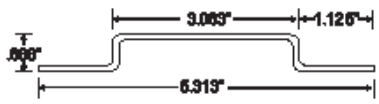
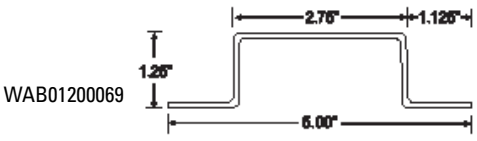

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR MORGAN®** | | | |
| SP32-01 | A0000119 | 109" (after 1997) | Steel, Z-Post |
| SP32-02 | 14211 | 109" | Aluminum, Z-Post |
| **APPLICATION FOR STOUGHTON®** | | | |
| SP45-01 | 02-04793-110-00 | 110" | Aluminum |
| SP45-03 | 03-13042-108-75 | 108.75" | Logistics, Steel, A-Slot |
| 02-14396-096-00 | — | 96" | Aluminum Capping |
| SP45-10 | 02-19144-107-56 | 107.5625" | Aluminum |
| **APPLICATION FOR STRICK** | | | |
| SP50-04 | SK46230 | 107.375" | Logistics, A-Slot |
| SP50-05 | SK02155 | 107.50" | Punched |
| **APPLICATION FOR TRAILMOBILE®** | | | |
| TM513-5-600-1250 | | 120" | Logistics, Punched A-Slot |
| TM990-4-983-0-123 | | 110" | Steel |

**TECH** TIP

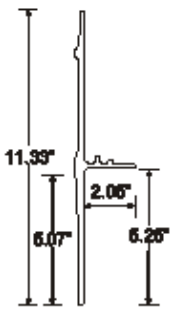
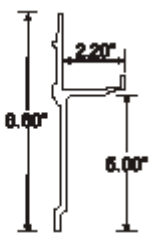
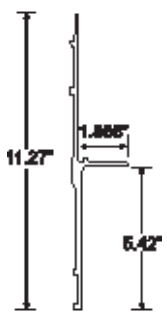
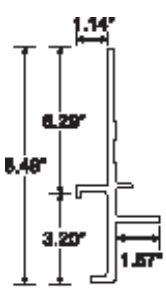
Wondering what an **A-Slot** and **E-Slot** are? Here's a visual reference.



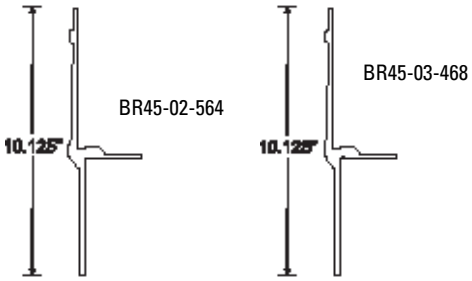
## SIDE POSTS, continued

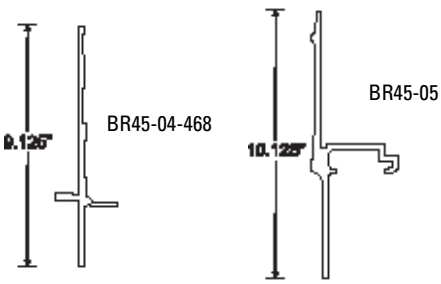
| | PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR WABASH®** | | | |
|  SP70-01 | SP70-01 | WABE4681114 | 111.25" | Aluminum |
|  SP70-03 | SP70-03 | WABE8411260 | 126" | Logistics, Aluminum Outer |
|  SP70-05 | SP70-05 | WAB01200047 | 110" | Logistics, Steel |
|  WAB01200069 | — | WAB01200069 | 110" | Steel, Punched |

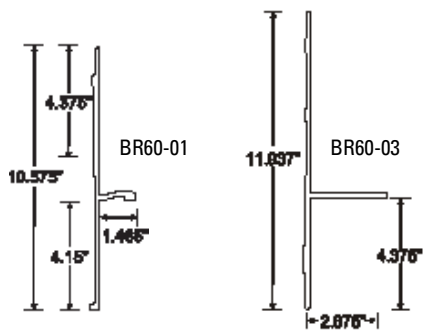
## BOTTOM RAILS

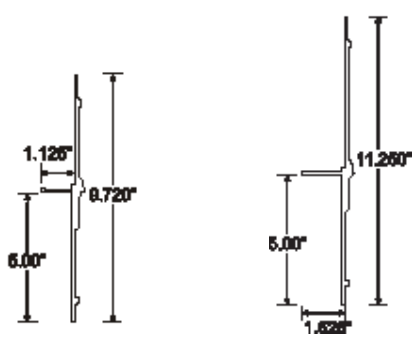
| | PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR GREAT DANE** | | | |
|  BR18-02-624  BR18-03-624 | BR18-02-624 | 60308901, AE2P000-5210 | 52'2" | P-Series |
| | BR18-03-624 | 004-09864-09940 | 621.25" | Q-Model |
| | **APPLICATION FOR HYUNDAI** | | | |
|  BR21-01-624  BR21-04-468 | BR21-01-624 | 10007409 | 52' | New Style |
| | BR21-04-468 | 10005678 | 38'7" | — |

## BOTTOM RAILS, continued



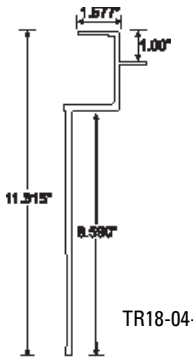
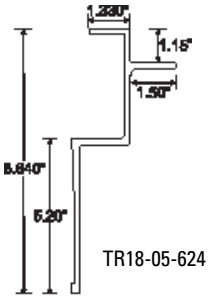
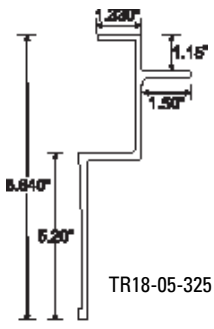
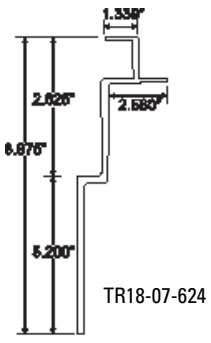
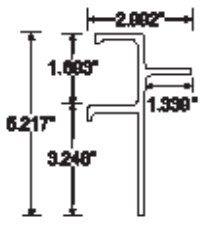
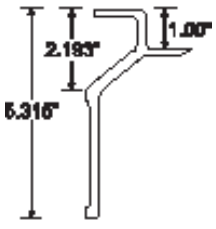
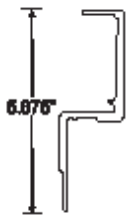
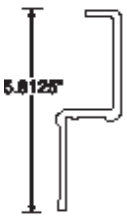



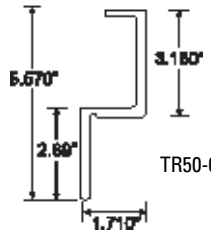

BR70-02 BR70-03-624

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR STOUGHTON®** | | | |
| BR45-02-624 | 02-09727-620-75 | 620.75" | — |
| 02-09828-464-75 | — | 464.75" | — |
| BR45-04-468 | 02-13350-463-75 | 463.75" | Container |
| BR45-05-624 | 02-20498-621-25 | 621.75" | — |
| **APPLICATION FOR UTILITY®** | | | |
| BR60-01-625 | 1-6650-114 | 52'1" | — |
| BR60-03-624 | 1-6650-061, 1-6650-91 | 621.50" | — |
| **APPLICATION FOR WABASH®** | | | |
| BR70-02-624 | WABE3836260 | 52' | — |
| BR70-03-624 | WABE0366260 | 52' | Reefer |

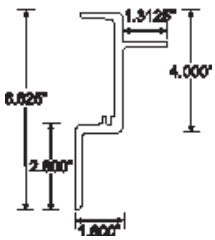
## TOP RAILS

| | PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| | **APPLICATION FOR GREAT DANE** | | | |
|  TR18-04-624  TR18-05-624 | TR18-04-624 | 60304406, 60304402 | 616″ | |
| | TR18-05-624 | AE1P000-5205, 60309001 | 620.60″ | P-Series |
|  TR18-05-325  TR18-07-624 | TR18-05-325 | AE1P000-2705 | 324.60″ | P-Series |
| | TR18-07-624 | 60311701 | 623.63″ | P-Series, Thin Wall |
| | **APPLICATION FOR HYUNDAI** | | | |
|  TR21-01-480  TR21-02-624 | TR21-01-480 | 10004927 | 38′8.25″ | |
| | TR21-03-624 | 10004926 | 51′7″ | |
| | **APPLICATION FOR STOUGHTON®** | | | |
|  TR45-01-624  TR45-03-465 | TR45-01-624 | 02-06388-620-75 | 620.75″ | |
| | 02-10205-464-75 | — | 464.75″ | |

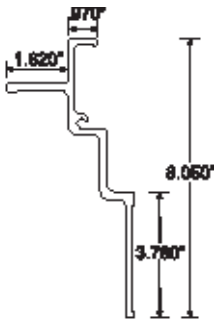
## TOP RAILS, continued



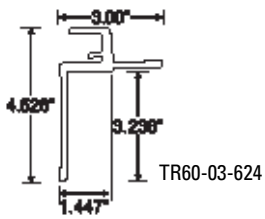

TR50-02-624



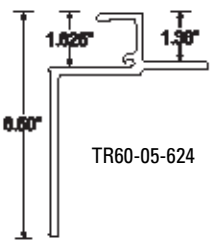

TR51-03-625



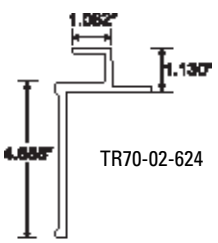

TR60-01-625



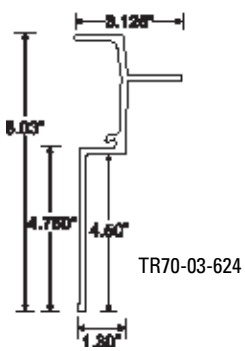

TR60-03-624




TR60-05-624




TR70-02-624

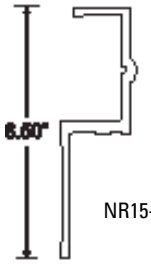



TR70-03-624

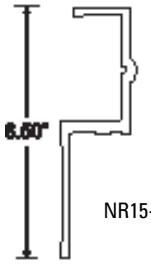
| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR STRICK** | | | |
| TR50-0 2-624 | SK06043, AA93C-0122-51-T5 | 51’9” | |
| **APPLICATION FOR TRAILMOBILE®** | | | |
| TR51-03-625 | 90-4-2305-625, 90-4-2305-613 | 52’1” | N/S |
| **APPLICATION FOR UTILITY®** | | | |
| TR60-01-625 | 1-6650-113 | 52’1” | |
| TR60-03-624 | 1-6650-179 | 52’ | N/S Dry Van |
| TR60-05-624 | 1-6650-150 | 52’ | 3000R |
| **APPLICATION FOR WABASH®** | | | |
| TR70-02-624 | WABE0076260 | 52’ | Duraplate |
| TR70-03-624 | WABE0556260 | 52’ | Wedge |

N/S — New Style

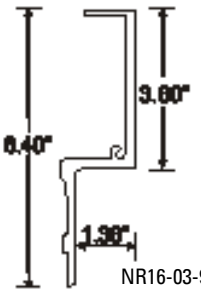
## NOSE RAILS



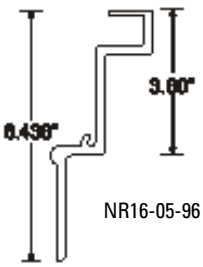
NR15-03-102



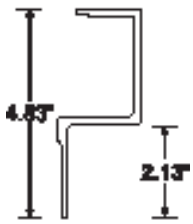
NR15-06-102



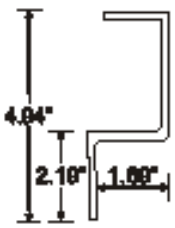
NR16-03-96



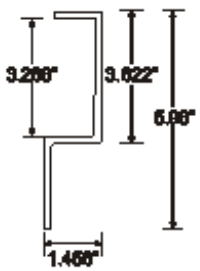
NR16-05-96



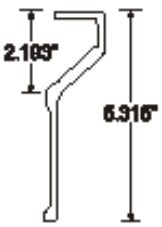
NR18-01-96



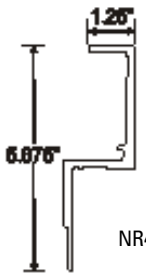
NR18-08-102



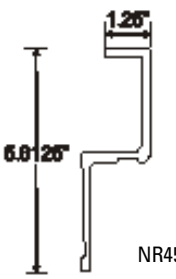
NR21-01



NR21-02



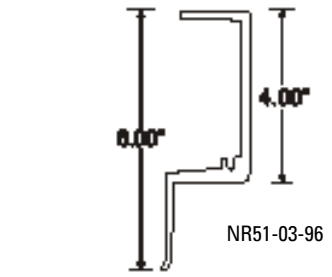
NR45-04



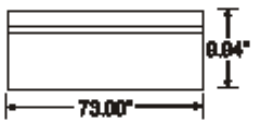
NR45-06

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR DORSEY®** | | | |
| NR15-03-102 | 251128702 | | 6" Radius |
| NR15-06-102 | 251122102 | 102" | 10" Radius |
| **APPLICATION FOR FRUEHAUF** | | | |
| NR16-03-102 | WCF3959-1 | 101.38" | FB+ 10" Radius |
| NR16-05-96 | WCF5903-2 | 95.38" | 10" Radius |
| **APPLICATION FOR GREAT DANE** | | | |
| NR18-02-102 | 76340 | 101.86" | 10" Radius |
| NR18-08-102 | 41200863 | 101.86" | 6" Radius |
| **APPLICATION FOR HYUNDAI** | | | |
| NR21-01-102 | 10003146 | | 6" Radius |
| NR21-02-102 | 10007412 | | 6" Radius |
| **APPLICATION FOR STOUGHTON®** | | | |
| NR45-04-96 | 02-06388-083-50 | 83.50" | |
| NR45-05-102 | 02-06388-091-50 | 91.50" | |
| NR45-06-102 | 02-10205-091-00 | 91" | |

## NOSE RAILS, continued



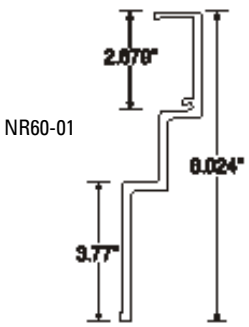
NR51-03-96



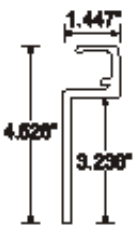
NR51-04-102



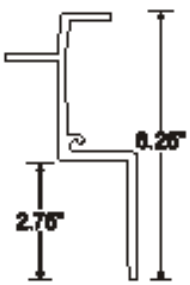
NR51-06



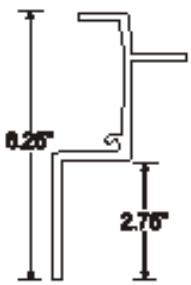
NR60-01



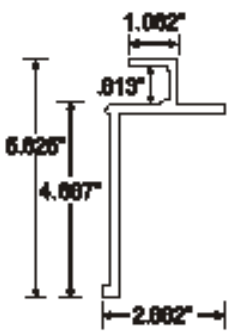
NR60-04-102



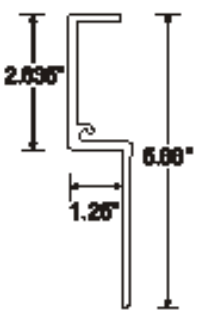
NR70-03-102



NR70-04-102



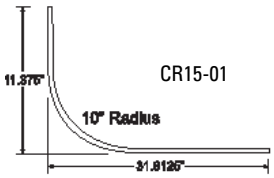
NR70-07-102

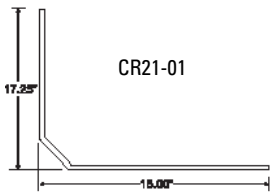


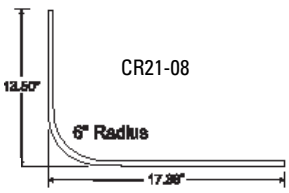
NR70-09-102

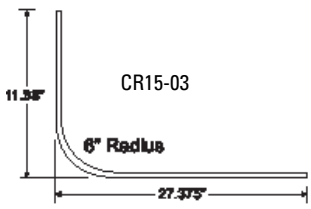
| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR TRAILMOBILE®** | | | |
| NR51-01-96 | 511-1-109-2 | 96″ | O — Model |
| NR51-02-102 | 511-1-109-2-2 | 102.38″ | O — Model |
| NR51-04-102 | 90-4-2313-0-73 | 9 15/16″ × 73″ | Center |
| NR51-06 | 511-1-137L-B-A | 8″ | RS Corner Rail |
| **APPLICATION FOR UTILITY®** | | | |
| NR60-01-102 | 3-6650-310 | 101 7/8″ | |
| NR60-04-102 | 3-6650-510 | | |
| NR60-01-102 | 3-6650-310 | 101 7/8″ | |
| NR60-04-102 | 3-6650-510 | | |
| **APPLICATION FOR WABASH®** | | | |
| NR70-03-102 | WAB04A00211 | 11 15/16″ Legs, 102″ Trailer | 5″ Radius |
| NR70-04-102 | WAB04A00218 | 2″ Legs | 5″ Radius |
| NR70-07-102 | WAB04A01826 | 101.58″ | 5″ Radius |
| NR70-09-102 | WAB04A02474 | | 5″ Radius Freight Pro |

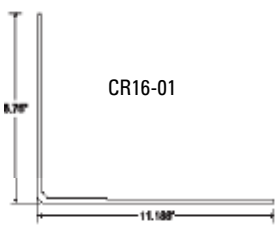
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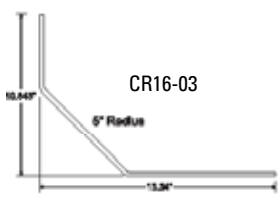


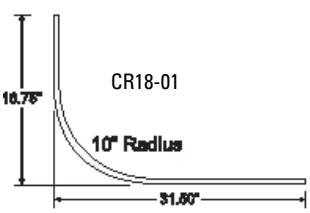



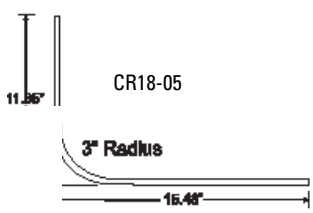



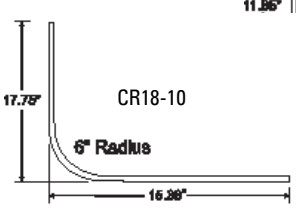



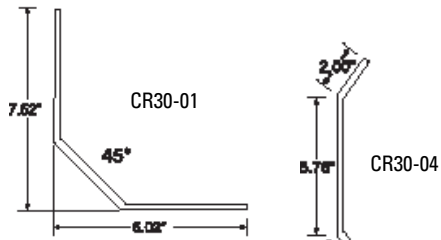



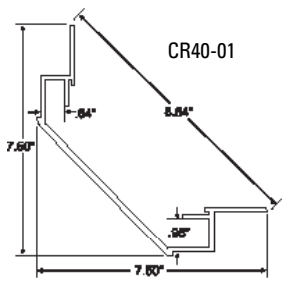



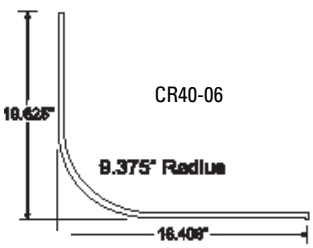



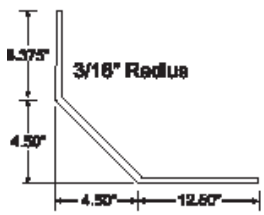

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR DORSEY** | | | |
| CR15-02 | FA30382 | 109" | RP, 10" Radius |
| **APPLICATION FOR HYUNDAI** | | | |
| CR21-01 | 20005584 | 106.88" | RP, steel |
| CR21-08 | 20008663 | 106.88" | RP, 6" Radius, Aluminum (PPW) |
| **APPLICATION FOR FRUEHAUF** | | | |
| CR15-03 | FA30783 | 104" | RP, 6" Radius |
| CR16-01 | WCF9230-1 | 108.88" | RP, Aluminum |
| CR16-03 | WCD-1971-6 | 105.88" | Universal |
| **APPLICATION FOR GREAT DANE** | | | |
| CR18-01 | 08670 | 114" | RP, 10" Radius (PPW) |
| CR18-09 | 08014 | 114" | RP, 10" Radius, Bright Aluminum |
| CR18-05 | 69104743002 | 102.25" | RP, 3" Radius (PPW) |
| CR18-10 | 69105418001 | 98.63" | RP, 6" Radius |

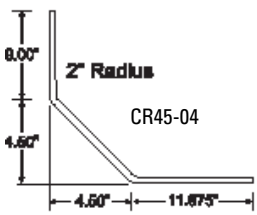
## CORNER RADIUS PANELS & POSTS, continued

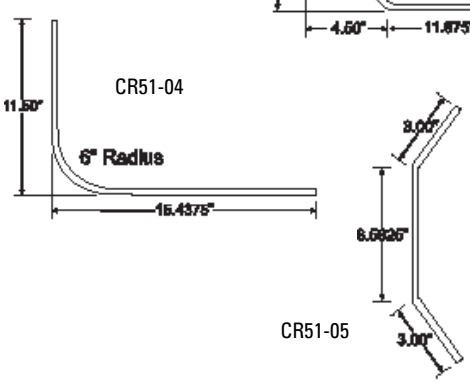


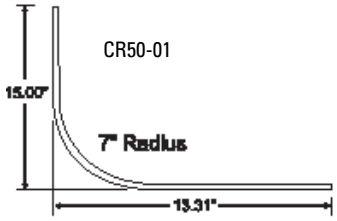



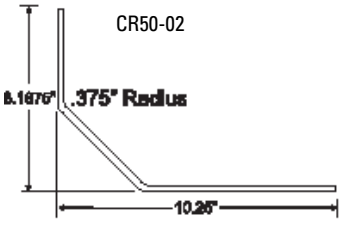



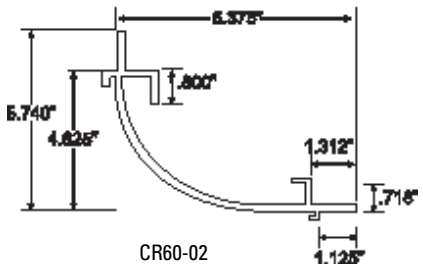



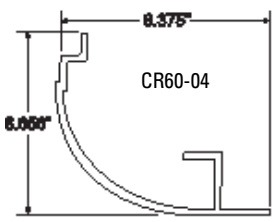

| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR MONON** | | | |
| CR30-01 | EC033532 | 110" | RP, Beveled Aluminum (PPW) |
| CR30-02 | EC032530 | 110" | RP, Beveled Steel (PPW) |
| CR30-04 | V04-132A | 112" | RP, Aluminum (MF) |
| **APPLICATION FOR PINES** | | | |
| CR40-01 | AE33301-1031 | 110.31" | CP, (PPW) |
| CR40-06 | ASB5164 | 110" | RP, 9.38" Radius |
| **APPLICATION FOR STOUGHTON®** | | | |
| 01-08581-XXX-01 | — | 110.25" | RP, Beveled Aluminum (PPW) |
| 01-08581-XXX-05 | — | 110.25 | RP, Beveled Steel (PPW) |
| CR45-04 | 01-12994-XXX-00 | 107" | RP, Beveled Aluminum (PPW) |
| CR45-05 | 01-12994-XXX-04 | 107" | RP, Beveled Stainless Steel, Mirror (PPW) |
| **FOR TRAILMOBILE®** | | | |
| CR51-04 | RP-958K-PPW | 117.50" | RP, 6" Radius, Aluminum (PPW) |
| CR51-05 | 9519-1-507-E9 | 108.13" | RP, Steel Inner |

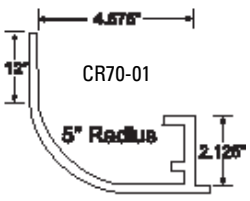
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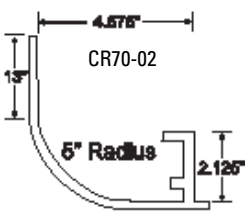


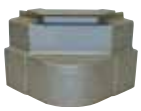
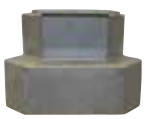
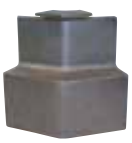
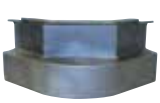




| PN | REPLACES | LENGTH | DESCRIPTION |
|---|---|---|---|
| **APPLICATION FOR STRICK** | | | |
| CR50-01 | SK21887 | 101.50" | RP, 7" Radius, Aluminum (PPW) |
| CR50-02 | SK16313 | 105.25" | RP, Aluminum Beveled (PPW) |
| **APPLICATION FOR UTILITY®** | | | |
| CR60-02 | 1-6500-156 | 116.50" | RP (MF) |
| CR60-03 | 1-6500-155 | 116.50" | RP (PPW) |
| CR60-04 | 1-6500-139 | — | CP, Aluminum (Para Model) |
| **FOR WABASH** | | | |
| CR70-01 | WABE6141200 | 120" | RP, 5" Radius, Aluminum (MF) |
| CR70-02 | WABE8351200 | 120" | RP, 5" Radius, Aluminum (MF) |

## CORNER CAPS

| | PN | REPLACES | DESCRIPTION |
|---|---|---|---|
| | **APPLICATION FOR FRUEHAUF** | | |
|  CC16-01 | CC16-01 | WCF-9196-1 | Universal |
| | **APPLICATION FOR GREAT DANE** | | |
|  CC18-03 | CC18-03 | 69104789 | Universal P-Series Thin |
|  CC18-04 | CC18-04 | CCB7177 | P-Series |
|  CC18-05 | CC18-05 | CCB9857 | Corner Cap |
|  CC18-06 | CC18-06 | 69102183 | Universal Crowley |
|  CC18-07-CS | CC18-07-CS | 005-42920 | CS* w/ Hole 2.25" (N/S) |
|  CC18-08-RS | CC18-08-RS | 005-42921 | RS* w/ Hole 2.25" (N/S) |
| | **APPLICATION FOR MONON®** | | |
|  CC30-01-CS | CC30-01-CS | V02-197-R | CS Beveled |
|  CC30-02-RS | CC30-02-RS | V02-198-L | RS Beveled |
|  CC30-03 | CC30-03 | AI042138 | Universal |

* CS = Curbside and RS = Roadside

## CORNER CAPS, continued


CC45-02

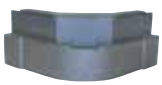

CC45-07


CC50-03


CC50-04-RS


CC50-05-CS


CC50-07


CC50-09


CC52-01-CS


CC52-02


CC52-03

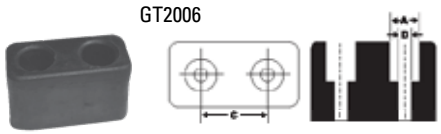
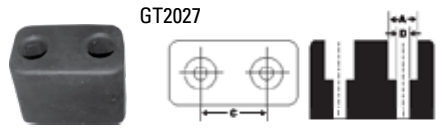
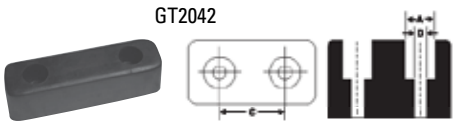
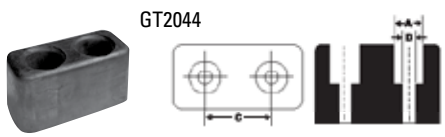
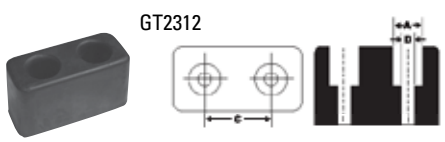
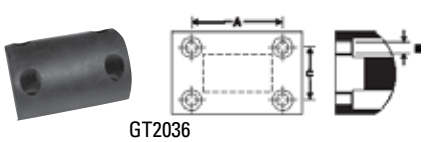
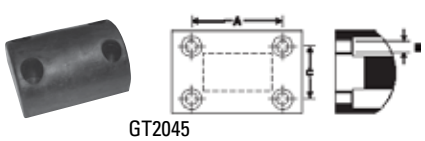
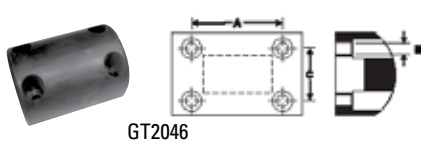

CC51-03


CC70-01

| PN | REPLACES | DESCRIPTION |
|---|---|---|
| **APPLICATION FOR STOUGHTON®** | | |
| CC45-02 | 04-12835-000-00 | Front |
| CC45-07 | 04-19507-000-00 | Front Aluminum |
| **APPLICATION FOR STRICK** | | |
| CC50-03 | SK01792 | Universal Round |
| CC50-04-RS | SK14393 | RS Beveled |
| CC50-05-CS | SK14394 | CS Beveled |
| CC50-07 | SK03500 | Universal Round (N/S) |
| CC50-09 | SK54960 | Corner Cap |
| **APPLICATION FOR SUPREME®** | | |
| CC52-01-CS | 001015 | Curbside Corner Cap — Aluminum |
| CC52-05-CS | 001015 | Curbside Corner Cap — Plastic |
| CC52-02-RS | 001014 | Roadside Corner Cap — Aluminum |
| CC52-06-RS | 001014 | Roadside Corner Cap — Plastic |
| CC52-03 | 001036 | Van Aluminum Rear Casting |
| **APPLICATION FOR TRAILMOBILE®** | | |
| CC51-03 | 7511-A1-05 | Universal (2005 Model) |
| **APPLICATION FOR WABASH®** | | |
| CC70-01 | WAB04300002 | Universal Beveled |

CS — Curbside; R — Roadside; VA — Van Aluminum

## BUMPERS

| | FLEETPRIDE PN | HOLES | DIMENSION | A | B | C | D |
|---|---|---|---|---|---|---|---|
|  GT2006 | GT-2006 | 2-Hole | 6″× 3″× 3-1/2″ | 1-1/2″ | 1-3/4″ | 3″ | 9/16″ |
|  GT2027 | GT-2027 | 2-Hole | 5-3/4″× 3-3/4″× 4-1/2″ | 13/16″ | 1-3/4″ | 3-1/4″ | 11/16″ |
|  GT2042 | GT-2042 | 2-Hole | 7-7/8″× 2-1/2″× 2″ | 1-1/2″ | 1″ | 4-5/8″ | 9/16″ |
|  GT2044 | GT-2044 | 2-Hole | 6″× 2-3/4″× 3-1/4″ | 1-1/2″ | 1-5/8″ | 2-5/8″ | 17/32″ |
|  GT2312 | GT-2312 | 2-Hole | 6″× 2-3/8″× 3-1/4″ | 1-3/8″ | 1″ | 2-5/8″ | 17/32″ |
|  GT2036 | GT-2036 | 4-Hole | 8″× 5-1/4″× 3-5/8″ | 5-1/2″ | 3/4″ | 3-1/4″ | — |
|  GT2045 | GT-2045 | 4-Hole | 7-5/8″× 5-1/2″× 3-5/8″ | 5-1/2″ | 9/16″ | 3″ | — |
|  GT2046 | GT-2046 | 4-Hole | 8″× 6″× 3″ | 5-3/8″ | 9/16″ | 3-1/8″ | — |

## WHEEL CHOCKS

| | FLEETPRIDE PN | DESCRIPTION | DIMENSION |
|---|---|---|---|
|  GT2047 | GT-2047 | Heavy Duty, Large Zinc-Plated Eyebolt, Non-Skid | 8″× 10″× 6″ |
| | GT-2048 | Heavy Duty, Most Popular, Zinc-Plated Eyebolt, 9 lb | 8″× 9.5″× 5.75″ |
| | GT-2057 | Large, For Off-Road Use, 16 lb | 10″× 12″× 8″ |
| | 430030P | 9 lb | — |
| | 450050P | 12 lb | — |

## QUARTER FENDERS POLY & METAL

| | PN | DESCRIPTION | TOP FLAP | FEATURES | WGT/ LB | REPLACES | MOUNTING BRACKETS | NOTES |
|---|---|---|---|---|---|---|---|---|
|  031-00406 | 031-00406 | 2 Poly Fenders w/ Clamps | No | Aerodynamic | 17.3 | — | 031-00234 or 031-00235 | Post or Side Mount |
|  1900-KIT | 1900-KIT | 2 Poly Fenders w/ Clamps | Yes Black | Standard | 22.46 | 031-01651/A 1900-KIT | 031-00234 or 031-00235 | Post or Side Mount |
| | 031-0069/A | 2 Stainless Steel Fenders w/ Clamps | Yes Black | Standard | 29.38 | 1585B-Kit 031-01070 | 031-00234 or 031-00235 | Post or Side Mount |
|  031-0069/A | 031-01071 | 2 Fenders w/ Clamps 16 ga Black Steel | Yes Black | Standard | 31 | 1590B-Kit | 031-00234 or 031-00235 | Post or Side Mount |

## TOP FLAPS

| | PN | DESCRIPTION | FEATURES | WEIGHT/LB | REPLACES | NOTES |
|---|---|---|---|---|---|---|
|  033-00011 | 033-00011 | Rubber Flap — Single | Plain Black 24" | 1.2 | 2406P | Universal |
| | 033-00242 | Rubber Flap w/ Hardware — Pair | Plain Black 24" | 3.7 | 2406P | Universal |

## FULL ROUND SINGLE FENDERS — METAL & POLY

| | PN | DESCRIPTION | QTY | WEIGHT | LENGTH (TIP TO TIP) | WIDE | ECONOMY MOUNTS | FINISH |
|---|---|---|---|---|---|---|---|---|
|   031-01529 | 034-01324 | 18 ga Polished SS Rolled Edges | Pair | 52 | 69.25" | 24" | 031-02004 | Ribbed |
| | 034-02241 | 16 ga Polished SS Rolled Edges | Pair | 66 | 71" | 24" | 031-02004 | Smooth |
| | 031-01529 | Poly Full Round PP — Red | Pair | 35 | 46" | 25.5" | 031-02000 | Poly |
| | 031-01524 | Poly Full Round PP — White | Pair | 35 | 46" | 25.5" | 031-02000 | Poly |
| | 031-01520 | Poly Full Round PP — Black | Pair | 35 | 46" | 25.5" | 031-02000 | Poly |

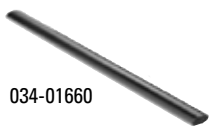
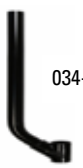
## HALF TANDEM FENDERS — METAL & POLY

| | PN | DESCRIPTION | QTY | WEIGHT | LENGTH (TIP TO TIP) | WIDE | ECONOMY MOUNTS | FINISH |
|---|---|---|---|---|---|---|---|---|
|   034-01497 | 034-01320 | 18 ga Polished SS Rolled Edges | Pair | 50 | 56" | 24" | 031-02005 | Ribbed |
| | 034-01497 | 18 ga Polished SS Rolled Edges | Pair | 65 | 76" | 24" | 031-02005 | Ribbed |
| | 034-01316 | 18 ga Polished SS Rolled Edges | Pair | 90 | 112" | 24" | 031-02025 | Ribbed |
| | 034-02240 | 16 ga Polished SS Smooth | Pair | 62 | 56" | 24" | 031-02005 | Smooth |
| | 031-01647 | Poly 1/2 Tandem PP — Red | Pair | 32 | 54" | 27.5" | 031-02015 | Poly |
| | 031-01648 | Poly 1/2 Tandem PP — White | Pair | 32 | 54" | 27.5" | 031-02015 | Poly |
| | 031-01646 | Poly 1/2 Tandem PP — Black | Pair | 32 | 54" | 27.5" | 031-02015 | Poly |

## FULL TANDEM FENDERS

| | PN | DESCRIPTION | QTY | WEIGHT | LENGTH (TIP TO TIP) | WIDE | ECONOMY MOUNTS | FINISH |
|---|---|---|---|---|---|---|---|---|
|   031-01741 | 034-01313 | 16 ga Polished Alum Rolled Edges | Pair | 40 | 102″ | 24″ | 031-02038 | Ribbed |
| | 034-01493 | 18 ga Polished SS Rolled Edges | Pair | 94 | 107″ | 24″ | 031-02038 | Ribbed |
| | 031-01741 | Poly Full Tandem PP — Red | Pair | 64 | 107″ | 27.5″ | 031-02044 | Poly |
| | 031-01742 | Poly Full Tandem PP — White | Pair | 64 | 107″ | 27.5″ | 031-02044 | Poly |
| | 031-01740 | Poly Full Tandem PP — Black | Pair | 64 | 107″ | 27.5″ | 031-02044 | Poly |

## UNIVERSAL FENDER MOUNTING BRACKETS

| | PN (1 BRACKET) | PN (1 PAIR) | DESCRIPTION |
|---|---|---|---|
|  031-00253 | **SIDE STYLE END MOUNT** | | |
| | 032-00253 | 031-00870 | RoadKote E-Coated Black |
| | 034-01545 | 031-00845 | Zink Plated Steel |
|  034-01660 | **POST STYLE END MOUNT** | | |
| | 034-01660 | 031-01250 | RoadKote E-Coated Black |
| | 034-01661 | 031-01251 | Stainless Steel |
|  034-01600 | **ROUNDED END MOUNT** | | |
| | 034-01600 | 031-00883 | RoadKote E-Coated Black |
| | 034-01602 | 031-00886 | Stainless Steel |
|  034-00867 | **END MOUNT** | | |
| | 034-00867 | 031-00542 | Black Steel |
| | 034-01546 | 031-00846 | Stainless Steel |
|  034-00866 | **CENTER MOUNT** | | |
| | 034-00866 | 031-00541 | Black Steel |

## FULL ROUND BRACKET MOUNT KITS

| | PN (1 BRACKET) | PN (1 PAIR) | DESCRIPTION |
|---|---|---|---|
|  031-02000   031-02011 | **ECONOMY POLY** | | |
| | 031-01253 | 031-02000 | Black Steel |
| | 031-01254 | 031-02004 | Stainless Steel |
| | **METAL FENDER ADJUSTABLE UP TO 5″ OFFSET** | | |
| | — | 031-02011 | Black Steel |
| | — | 031-02013 | Stainless Steel |

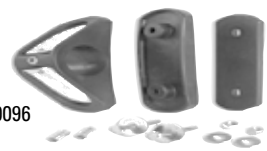
## SINGLE RADIUS OR 1/2 TANDEM KITS

| | PN (1 PAIR) | PN (2 PAIR) | DESCRIPTION |
|---|---|---|---|
| | **POST STYLE MOUNTING SET** | | |
|  031-02002 | — | 031-02002 | Black Steel |
| | — | 031-02004 | Stainless Steel |
| | **OFFSET BRACKETS** | | |
|  031-02015 | — | 031-02015 | Black Steel |
| | — | 031-02051 | Stainless Steel |
| | **METAL BRACKET KIT** | | |
|  031-02021 | — | 031-02021 | Black Steel |

## DOUBLE RADIUS OR FULL FENDERS

**Due to the multiple combinations for DR fenders, please go to the Fleet Engineers website (FleetEngineers.com) and select the best mounting system for your truck application. FleetPride stocks a wide variety of mounting brackets and sets at each location.**

## FENDER MOUNTING ACCESSORIES

| | PN | DESCRIPTION |
|---|---|---|
| | **MOUNTING SUPPORT** | |
|  031-00832 | 031-00823 | Kit — 4 Brackets w/ SS Hardware |
| | **PIVOT BAR** | |
|  031-01586 | 031-01586 | Kit — 2 PB w/ Bolts up to a 4" — 360° Offset |
| | **VIBRO WEDGE (BUGKILLER)** | |
|  031-00096 | 031-00096 | 4 Mounts SS Hardware — Curved |
| | 031-00097 | 4 Mounts SS Hardware — Flat |

## LEG SETS

### 10-Bolt Set

- Static load capacity 170,000 lb
- Lifting capacity 60,000 lb
- Side load capacity 29,000 lb
- Comparable to KIC & other 10 hole legs
- 17" travel sand shoe
- Hardware included for set only

| | SET PN | SAND SHOE | GEAR SIDE LEG | NON-GEAR SIDE LEG | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|---|---|---|---|
|  | LL5B1-7078 | Standard | LL5B1-7200 | LL5B1-7100 | 51.68 | 33.18 | 32.5 |

LL5B1-7078

**LL5B1-7078 includes:**

- LG00946900 — 69" Cross shaft
- XBLG0085 — Crank Hangar
- 50618018(x2) — Brace Ear
- 1003-1366 — 15" Universal Crank Handle

### 8-Bolt Set

- Static load capacity 140,000 lb
- Lifting capacity 39,000 lb
- Side load capacity 27,000 lb
- Direct replacement for Austin-Westran CMR/CMS (models)
- 17" travel sand shoe
- Hardware included for set only

| | SET PN | SAND SHOE | GEAR SIDE LEG | NON-GEAR SIDE LEG | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|---|---|---|---|
|  | LL4B1-7078 | Standard | LL4B1-7200 | LL4B1-7100 | 48.19 | 31.19 | 28.06 |
| | LL4B3-7078 | Low Profile | LL4B3-7200 | LL4B3-7100 | 45.69 | 28.69 | 28.06 |

LL4B1-7078

**LL4B1-7078 and LL4B3-7078 includes:**

- LG00946900 — 69" Cross shaft
- XBLG0085 — Crank Hangar
- 50618018(x2) — Brace Ear
- 1003-1366 — 15" Universal Crank Handle

### Landing Gear Bolt Kit

- Universal for 8- and 10-bolt sets

| | PN | DESCRIPTION |
|---|---|---|
|  | LGBK10 | 10 pieces: 5/8" — 11 × 1-1/2" Bolts<br>10 pieces: 5/8" — 11 Nylon Insert Lock Nuts |

## LEG SETS — HOLLAND

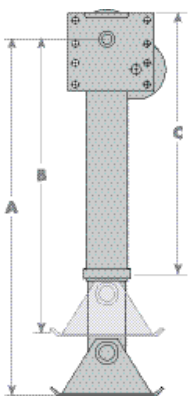
**Atlas 55**

- Static load capacity 170,000 lb
- Lifting capacity 55,000 lb
- Side load capacity 30,000 lb
- Hardware included for sets only



| SET PN | TRAVEL SAND SHOE | GEAR SIDE LEG | NON-GEAR SIDE LEG |
|---|---|---|---|
| LG4001-700000078 | 17″ Standard | LG4001-720000000 | LG4001-710000000 |
| LG4003-700000078 | 17″ Low Profile | LG4003-720000000 | LG4003-710000000 |
| LG400B-700000078 | 17″ 10 × 10 Cushion Foot | LG400B-720000000 | LG400B-710000000 |
| LG4001-700000078 | 19″ Standard | LG4001-920000000 | LG4001-910000000 |
| LG4003-700000078 | 19″ Low Profile | LG4003-920000000 | LG4003-910000000 |

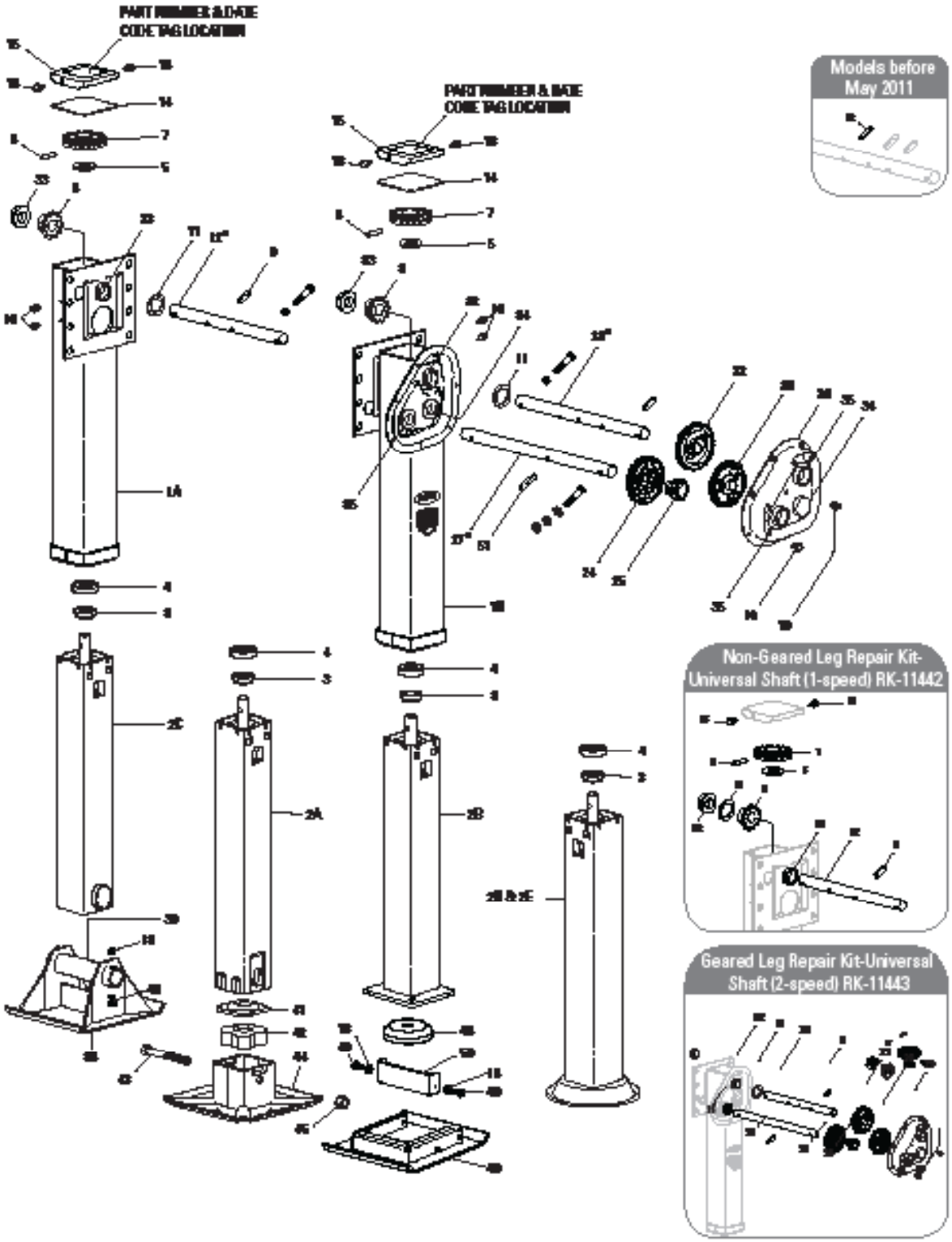
## Atlas 55 Travel — Special Order Only




| SAND SHOE | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|
| **15.5″ TRAVEL** | | | |
| Removable Cushion Foot | 43.75 | 28.25 | 26.56 |
| 4.5″ | 45.19 | 29.69 | 26.56 |
| 2″ | 42.69 | 27.19 | 26.56 |
| **17″ TRAVEL** | | | |
| Removable Cushion Foot | 48.75 | 31.75 | 30.06 |
| 4.5″ | 48.19 | 31.19 | 28.06 |
| 2″ | 45.69 | 28.69 | 28.06 |
| **17″ MRL TRAVEL** | | | |
| Removable Cushion Foot | 46.75 | 29.75 | 28.06 |
| **19″ TRAVEL** | | | |
| Removable Cushion Foot | 51.38 | 32.38 | 30.06 |
| 4.5″ | 52.69 | 33.69 | 30.06 |
| 2″ | 50.19 | 31.19 | 30.06 |

## LEG SETS — HOLLAND, continued

### Atlas 55




* Part Number 12 for left hand application; Part Number 23 for right hand application

## LEG SETS — HOLLAND, continued

### Atlas 55

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 1A | N/A | Upper Housing LH |
| 1B | N/A | Upper Housing RH |
| 3 | XB-LG0544 | Collar |
| 4 | XB-BRG-013-77 | Thrust Bearing |
| 5 | XB-PW-016-62 | Washer — FL 2"OD × 1.19" ID × .13" THK |
| 6 | XA-CRP-V-06635 | Pin — DIA .38"x 2" |
| 7 | LG2884 | Bevel Gear |
| 8 | LG1823-02 | Pinion Gear |
| 9 | XB-GP-014-18 | Groove Pin — DIA .38" × 1.50" |
| 10 | XB-GRF-022-16 | Ftg — Grease .25"-28 Self Tapping |
| 11 | 2024100000100 | O-Ring, #319 |
| 12 | LG2964-01 | Jack Shaft LH — Universal Mount |
| 12 | LG2964-04 | - I-Beam Mount, 6.50" |
| 12 | LG2964-05 | - I-Beam Mount, 10.00" |
| 12 | LG2964-02 | - Conventional Mount |
| 12 | LG2964-03 | - Reverse Mount |
| 13 | N/A | Pin — Spring DIA .25" × 1.5" (Not Required) |
| 15 | 2111100004080 | Top Cover |
| 16 | XB-STS-008-11 | Self-Tapping Screw .25"-20 × .5" Lg |
| 17 | XB-HHC-050-42 | Screw, Hex Cap .38"-16 × 2.25"Lg GR5 |
| 18 | XB-SLN-012-04 | Self-Locking Nut .38"-16 — Sandshoe |
| 18 | XB-SLN-012-04 | - Low Profile RCF |
| 18 | | - RCF |
| 19 | XB-PW-016-03 | Washer .38" Std Type A |
| 20 | LG2996 | Gearbox Half, Outside w/ Hole for Grease Fitting |
| 22 | LG2980 | Output Gear |
| 23 | LG2963-01 | Jackshaft RH — Universal Mount |
| 23 | LG2963-04 | - I-Beam Mount, 6.50" |
| 23 | LG2963-05 | - I-Beam Mount, 10.00" |
| 23 | LG2963-02 | - Conventional Mount |
| 23 | LG2963-03 | - Reverse Mount |

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 24 | 2040100000060 | Gear, Drive, High Speed — Machined |
| 25 | 2040100000050 | Gear, Drive, Low Speed — Machined |
| 26 | XB-GP-052-21 | Groove Pin, Type E DIA .38" × 2.00" Lg |
| 27 | 2111100003400 | Shift Shaft — Universal |
| 27 | 2111100003410 | - I-Beam & Conventional |
| 27 | 2111100003420 | - Reverse |
| 30 | LG2975 | Idler Gear |
| 32 | 2022100000180 | Boss, Hex Lock — Oversized |
| 33 | LG2926-10 | Hex Lock Boss — Sealed |
| 34 | LG3005 | Idler Shaft Bushing (Included in Item #23) |
| 35 | LG0659-10 | Boss Bearing — Sealed (Included in Item #20) |
| 38 | 50616001 | Sandshoe — 10" × 10" × 4.50" |
| 38 | 50616000 | - 10" × 12" × 4.50"t |
| 38 | 50616008 | - 10" × 10" × 2.00" |
| 38 | 50616007 | - 10" × 12" × 2.00" |
| 39 | LG0070-02 | Sandshoe Axle — Hollow Axle 8.50" Lg |
| 40 | XB-HHC-050-69 | Screw, Hex Cap .38"-16 × .75" Lg GR5 — Sandshoe |
| 40 | XB-HHC-050-69 | Screw, Hex Cap .38"-16 × .75" Lg GR5 — Low Profile RCF |
| 41 | LG0725 | Cushion Foot Plate |
| 42 | XB-LG0726 | Cushion Foot Rubber |
| 43 | XB-HHB-050-70 | Bolt — Hex Head .63" -11 × 5.50" |
| 44 | LG0718-01 | R.C.F. — DIA 10" |
| 44 | LG0740-01 | - DIA 12" |
| 44 | LG0732-01 | - 10" × 10" |
| 45 | XB-SP0012-10 | Self-Locking Nut — .63"-11" |
| 48 | 728003 | Cushion Foot Pad — Low Profile RCF |
| 49 | 730640 | Interchangeable Collar — Low Profile RCF |
| 50 | 730638 | Interchangable Strap |
| 51 | XB-GP-052-52 | Pin Groove, .31" Dia. × 2.00" Lg |

| ITEM | DESCRIPTION | RETRACT TUBE CODE | TRAVEL | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 13.50" | 15.50" | 17" | 17" CAN. | 17" MRL | 19" |
| 2A | Retract Tube — RCF | 0 or 5 (MRL) | LG3053-01 | LG3053-02 | LG3053-04 | N/A | LG3053-03 | LG3053-05 |
| 2B | Retract Tube — Low Profile RCF | 0 | LG3097-01 | LG3097-02 | LG3097-03 | N/A | N/A | NA |
| 2C | Retract Tube — Axle | 0 | LG3012-01 | LG3012-02 | LG3012-03 | N/A | N/A | LG3012-04 |
| 2D | Retract Tube — Shockfoot 10" DIA | 0,6 (CAN) or B | LG3061-02 | LG3061-03 | LG3061-04 | LG3061-07 | LG3061-10 | LG3061-13 |
| 2E | Retract Tube — Shockfoot 12" DIA | 0,6 (CAN) or B | LG3061-01 | N/A | LG3061-05 | LG3061-08 | LG3061-11 | LG3061-14 |

## LEG SETS — HOLLAND, continued

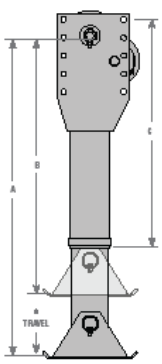
### Atlas 65

- Static load capacity 170,000 lb
- Lifting capacity 65,000 lb
- Side load capacity 34,000 lb
- Hardware included for sets only



| SET PN | TRAVEL SAND SHOE | GEAR SIDE LEG | NON-GEAR SIDE LEG |
|---|---|---|---|
| 1025300006430 | 17″ Standard | 1025300006450 | 1025300006460 |
| 1025300006550 | 17″ Standard w/ Hardware | 1025300006450 | 1025300006460 |
| 1025300011700 | 19″ Standard w/ Hardware | 1025300006530 | 1025300006520 |
| 1025300009720 | 19″ Low Profile w/ Hardware | 1025300006420 | 1025300006410 |

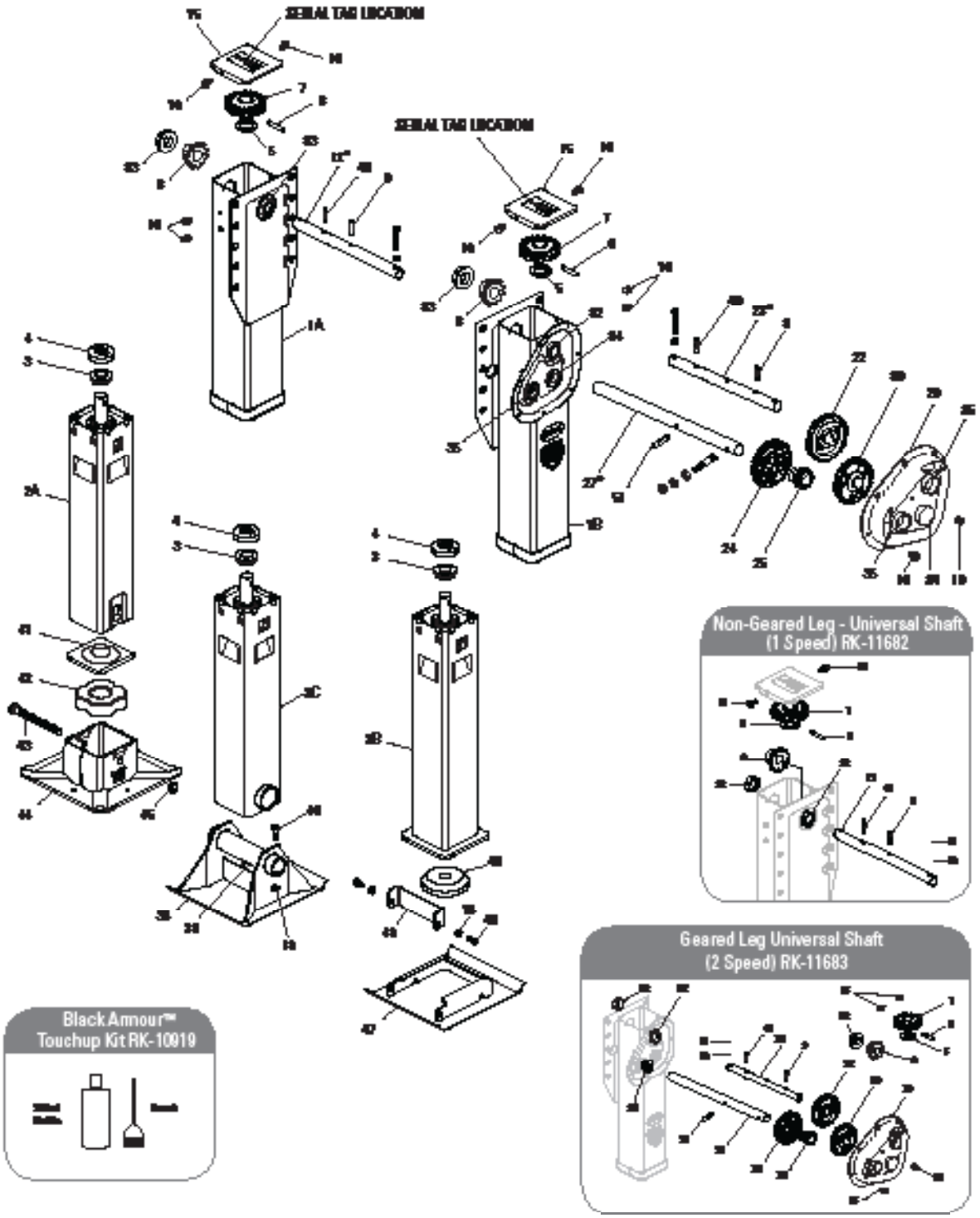
## Atlas 65 Travel — Special Order Only



| SAND SHOE | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|
| **15.5″ TRAVEL** | | | |
| Removable Cushion Foot | 43.91 | 28.41 | 26.56 |
| 4.5″ | 45.35 | 29.85 | 26.56 |
| 2″ | 42.85 | 27.35 | 26.56 |
| **17″ TRAVEL** | | | |
| Removable Cushion Foot | 48.91 | 31.91 | 30.06 |
| 4.5″ | 48.35 | 31.35 | 28.06 |
| 2″ | 45.85 | 28.85 | 28.06 |
| **17″ MRL TRAVEL** | | | |
| Removable Cushion Foot | 46.91 | 29.91 | 28.06 |
| **19″ TRAVEL** | | | |
| Removable Cushion Foot | 51.54 | 32.54 | 30.06 |
| 4.5″ | 52.85 | 33.85 | 30.06 |
| 2″ | 50.35 | 31.35 | 30.06 |

## LEG SETS — HOLLAND, continued

### Atlas 65 Standard




* Part Number 12 for left hand application; Part Number 23 for right hand application

## LEG SETS — HOLLAND, continued

### Atlas 65 Standard

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 1A | N/A | Upper Housing LH |
| 1B | N/A | Upper Housing RH |
| 3 | XB-LG0544 | Collar |
| 4 | XB-BRG-013-77 | Thrust Bearing |
| 5 | XB-PW-016-62 | Washer — FL 2″OD × 1.19″ ID × .13″ THK |
| 6 | XA-CRP-V-06635 | Pin — DIA .38″x 2″ |
| 7 | LG2884 | Bevel Gear |
| 8 | LG1823-02 | Pinion Gear |
| 9 | XB-GP-014-18 | Groove Pin — DIA .38″ × 1.50″ |
| 10 | XB-GRF-022-16 | Ftg — Grease .25″-28 Self Tapping |
| 12 | 2111100000431 | Jack Shaft LH — Universal Mount |
| 12 | 2111100000461 | - I-Beam Mount — 6.5″ |
| 12 | 2111100000471 | - I-Beam Mount — 10″ |
| 12 | 2111100000441 | - Conventional Mount |
| 12 | 2111100000451 | - Reverse Mount |
| 15 | 2111100000530 | Top Cover |
| 16 | XB-STS-008-11 | Self-Tapping Screw .25″-20 × .5″ Lg |
| 17 | XB-HHC-050-42 | Screw, Hex Cap .38″-16 × 2.25″Lg GR5 |
| 18 | XB-SLN-012-04 | Self-Locking Nut .38″-16 — Sandshoe |
| 18 | XB-SLN-012-04 | - Low Profile RCF |
| 19 | XB-PW-016-03 | Washer .38″ Std Type A |
| 20 | LG2996 | Gearbox Half, Outside w/ Hole for Grease Fitting<br>Includes: (1) Idler Shaft Bushing — #34; (2) Boss Bearing — Sealed #35 |
| 22 | LG2980 | Output Gear |
| 23 | 2111100000481 | Jackshaft RH — Universal Mount |
| 23 | 2111100000511 | - I-Beam Mount — 6.5″ Shaft |
| 23 | 2111100000521 | - I-Beam Mount — 10.0″ Shaft |
| 23 | 2111100000491 | - Conventional Mount |
| 23 | 2111100000501 | - Reverse Mount |
| 24 | 2040100000060 | Gear Drive, High Speed — Machined |
| 25 | 2040100000050 | Gear Drive, Low Speed — Machined |
| 26 | XB-GP-052-21 | Groove Pin, Type E DIA. — .375 × 2″ Type E |
| 27 | 2111100003400 | Shift Shaft — Universal |

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 27 | 2111100003410 | - I-Beam & Conventional |
| 27 | 2111100003420 | - Reverse |
| 30 | LG2975 | Idler Gear |
| 32 | 2022100000190 | Hex Lock Boss |
| 33 | 2022300000020 | Hex Lock Boss — Sealed |
| 34 | LG3005 | Idler Shaft Bushing (Included in Item #20) |
| 35 | LG0659-10 | Boss Bearing — Sealed (Included in Item #20) |
| 38 | LG0056 | Sandshoe — 10″ × 10″ × 2.00″ |
| 38 | LG0051 | - 10″ × 12″ × 2.00″ |
| 38 | LG0122 | - 12″ × 12″ × 2.00″ |
| 38 | LG0056-02 | - 10″ × 10″ × 2.00″ HD |
| 38 | LG0055 | - 10″ × 10″ × 4.50″ |
| 38 | LG0050 | - 10″ × 12″ × 4.50″ |
| 38 | LG0065-04 | - 12″ × 12″ × 4.50″ |
| 38 | LG1815-05 | - 16″ × 16″ × 4.50″ |
| 38 | LG0055-01 | - 10″ × 10″ × 4.50″ HD |
| 38 | LG0065 | - 10″ × 12″ × 4.50″ HD |
| 38 | LG0065-01 | - 12″ × 12″ × 4.50″ HD |
| 38 | LG0065-02 | - 12″ × 17″ × 4.50″ HD |
| 39 | LG0070-02 | Sandshoe Axle — Hollow Axle 8.50″ Lg |
| 40 | XB-HHC-050-69 | Screw, Hex Cap .38″-16 × .75″ Lg GR5 Sandshoe |
| 40 | XB-HHC-050-69 | Screw, Hex Cap .38″-16 × .75″ Lg GR5 Low Profile RCF |
| 41 | 2034160000150 | Cushion Foot Plate |
| 42 | XB-LG0713 | Cushion Foot Rubber |
| 43 | XB-HHB-050-58 | Bolt — Hex Head .63″ -11 × 6.00″ |
| 44 | 2034200000170 | R.C.F. — 10″ × 10″ |
| 45 | XB-SP0012-10 | Self-Locking Nut — .63″-11″ |
| 46 | 728003 | Cushion Foot Pad — Low Profile R.C.F. |
| 47 | 730640 | Low Profile R.C.F. |
| 48 | 730638 | Interchangeable Strap |
| 49 | XB-SP-014-27 | Pin, Spring, .25″ DIA. × 1.50″ |
| 51 | XB-GP-052-52 | Groove Pin, Type E, .31″ DIA. × 2.00″ LG |

| ITEM | DESCRIPTION | TRAVEL | | | | |
|---|---|---|---|---|---|---|
| | | 13.50″ | 15.50″ | 17″ | 17″ MRL | 19″ |
| 2A | Retract Tube — RCF | 2111200000130 | 2111200002490 | 2111200000510 | 2111200000160 | 2111200000170 |
| 2B | Retract Tube — Low Profile RCF | 2111200002480 | 2111200002490 | 2111200002510 | 2111200002500 | 2111200002520 |
| 2C | Retract Tube — Axle | 2111200000230 | 2111200000240 | 2111200000250 | N/A | 2111200000260 |

## LEG SETS — HOLLAND, continued

### Mark V Sets

- Static load capacity 200,000 lb
- Lifting capacity 62,500 lb
- Side load capacity 32,000 lb
- Hardware included for set only

| | PN | FOOT | GEAR SIDE LEG | NON-GEAR SIDE LEG | EXTENDED LENGTH | RETRACTED LENGTH | UPPER LEG |
|---|---|---|---|---|---|---|---|
|  | LGS-3A001 | 16.5″ Travel Self Leveling | XA-S8-3A001 | XA-S9-3A001 | 30.80 | 47.30 | 26.0 |
| | LGS-3A105 | 16.5″ Travel Standard Skid | XA-S8-3A105 | XA-S9-3A105 | 32.10 | 48.62 | 26.0 |
| | LGS-3A113 | 16.5″ Low Profile Skid | XA-S8-3A113 | XA-S9-3A113 | 29.70 | 46.20 | 27.8 |
| | LGS-5A105 | 18.7″ Travel Standard Skid | XA-S8-5A105 | XA-S9-5A105 | 33.10 | 51.80 | 28.2 |

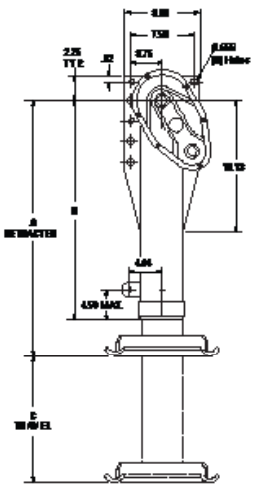
### Mark V Part Number Coding Guide

Example: LGS-3A105

| LGS | | 3 | | A | | 1 | | 05 | |
|---|---|---|---|---|---|---|---|---|---|
| | SET/LEG | | TRAVEL | | MOUNTING | | AXLE TYPE | | AXLE TYPE |
| LGS | Set PN | 0 | 12.5″ | A | Universal | 0 | No Axle | 01 | Self Lever 12″ Dia. |
| XA-S8 | Gear Side Leg | 1 | 13.5″ | B | Inside Mount | 1 | Standard Pipe | 03 | Wheeled 9″ Dia. |
| XA-S9 | Slave Side Leg | 2 | 15″ | C | Outside Mount | 3 | Solid Axle | 05 | Standard Skid Foot 11.5″ × 12″ × 4.9″ |
| | | 3 | 16.5″ | | | 3 | Sand Shoe 10″ × 10″ × 2″ | 08 | Large Skid Foot 14″ × 19″ × 5″ |
| | | 4 | 17.6″ | | | 4 | Sand Shoe 10″ × 12″ × 2″ | 09 | Wheel & Skid Foot 11.5″ × 16″ × 1.8″ |
| | | 5 | 18.7″ | | | 5 | Shockfoot 12″ Dia. | 10 | No Footware |
| | | | | | | 8 | Shockfoot 10″ Dia. | 13 | Low Profile Skid Foot 11.5″ × 12″ × 1.5″ |
| | | | | | | M | Sand Shoe HD 12″ × 12″ × 4.5″ | 15 | Weight Saver Skid Foot 10″X 11.5″X 3.8″ |
| | | | | | | | | 24 | Removable Cushion Foot 11.4″ × 11.4″ × 2.9″ |

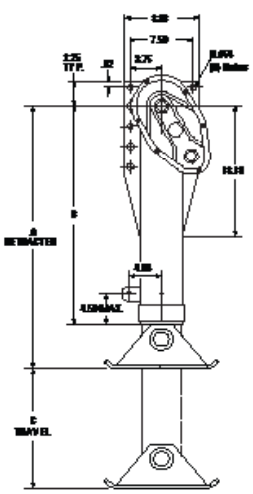
## LEG SETS — HOLLAND, continued

### Mark V Models — HD Self-Leveling Foot



| PN | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|
| LGH-1A012 | 27.9″ | 24.5″ | 13.5″ |
| LGH-2A012 | 29.4″ | 26.0″ | 15.0″ |
| LGH-3A012 | 30.9″ | 27.1″ | 16.5″ |
| LGH-4A012 | 32.0″ | 28.2″ | 17.6″ |
| LGH-5A012 | 33.2″ | 29.6″ | 18.7″ |

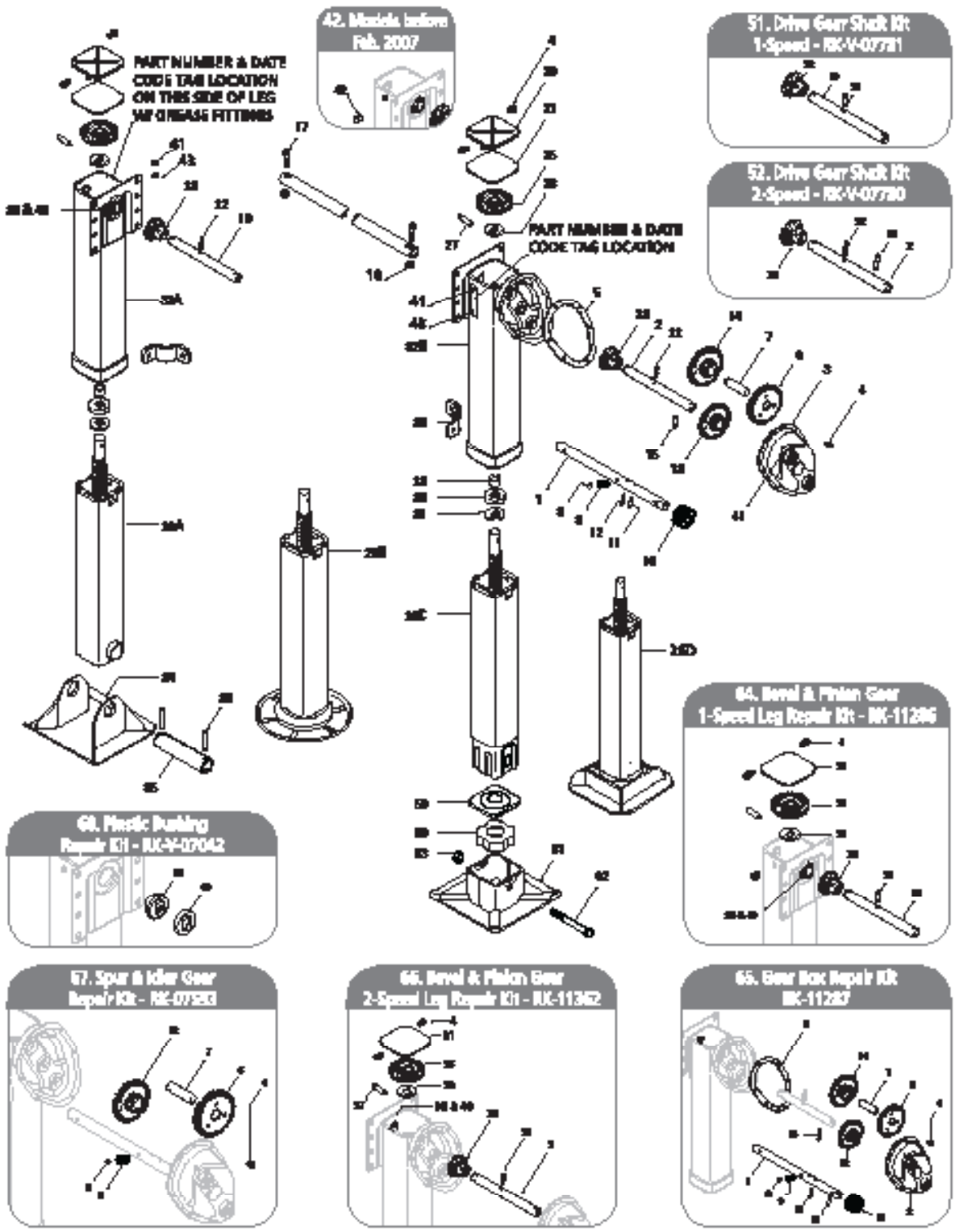
### Mark V Models — HD 12″ × 17″ Skid Foot



| PN | EXTENDED LENGTH (A) | RETRACTED LENGTH (B) | UPPER LEG (C) |
|---|---|---|---|
| LGH-1A312 | 27.9″ | 24.5″ | 12.0″ |
| LGH-2A312 | 31.2″ | 26.0″ | 13.5″ |
| LGH-3A312 | 32.3″ | 27.1″ | 15.4″ |
| LGH-4A312 | 33.4″ | 28.2″ | 16.6″ |
| LGH-5A312 | 34.8″ | 29.6″ | 17.4″ |

## LEG SETS — HOLLAND, continued

### Mark V



## LEG SETS — HOLLAND, continued

### Mark V

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 1 | XA-V-06625-A | Shift Shaft RH — Universal |
| 1 | XA-V-06625-C | - I-Beam |
| 1 | XA-V-06625-F | - Extended I-Beam |
| 1 | XA-V-06625-C | - Conventional |
| 1 | XA-V-06625-B | - Reverse |
| 2 | XA-V-06624-A | Jack Shaft RH — Universal |
| 2 | XA-V-06624-D | - I-Beam |
| 2 | XA-V-06624-F | - Extended I-Beam |
| 2 | XA-V-06624-C | - Conventional & Reverse |
| 3 | XA-V-06618 | Gearbox Cover Assembly |
| 4 | XB-06372 | Thread Rolling Screw |
| 5 | XB-V-06621 | Gearbox Gasket |
| 6 | XA-V-06602 | Idler Gear |
| 7 | XA-V-07085 | Idler Gear Shaft |
| 8 | XB-BAL-023-01 | Ball |
| 9 | XB-SPG-020-02 | Spring |
| 10 | XA-V-06604-1 | Input Gear — Low |
| 11 | XA-CRP-V-06633 | Pin — .25" × 1.44" |
| 12 | XB-21-S-218-1500 | Spring Pin — .22" × 1.50" |
| 13 | XA-V-06606 | Input Gear — High |
| 14 | XA-V-06603 | Output Gear |
| 15 | XA-CRP-V-06634 | Pin — .38" × 1.5" |
| 17 | XB-V-444-4 | HHCS — .38"-16 × 2.00" |
| 18 | XB-338 | Lock Nut — .38"-16 |
| 19 | XA-V-06623-A | Jack Shaft LH — Universal |
| 19 | XA-V-06623-D | - I-Beam |
| 19 | XA-V-06623-F | - Extended I-Beam |
| 19 | XA-V-06623-C | - Conventional |
| 19 | XA-V-06623-B | - Reverse |
| 20 | XA-V-06611 | Upper Leg Cover |
| 21 | XB-V-07054 | Gasket |
| 22 | XB-GP-38-1-12-E | Groove Pin .38" × 1.50" |
| 23 | XA-V-06600 | Pinion Gear |
| 25 | XA-V-06601 | Bevel Gear |
| 26A | NA | Inner Leg & Screw Assy. — Axle |
| 26A | NA | - AXLGHD |
| 26B | NA | Inner Leg & Screw Assy. — Self-Leveling |
| 26B | NA | - Self-Leveling HD |
| 26C | NA | Inner Leg & Screw Assy. — RCF |
| 26C | NA | - RCF HD |
| 26D | NA | Inner Leg & Screw Assy. — Shock Foot |
| 26D | NA | - Shock Foot HD |

| ITEM | PN | DESCRIPTION |
|---|---|---|
| 27 | XA-CRP-V-06635 | Pin — .38" × 2" |
| 28 | XB-V-06632 | Washer |
| 29 | XB-V-06630 | Bushing |
| 30 | XB-V-647 | Thrust Bearing |
| 30 | XB-V-647-1 | Thrust Bearing — Heavy Duty |
| 31 | XA-V-06629 | Collar |
| 32A | NA | Upper Leg — 1-Speed |
| 32A | NA | - 1-Speed Heavy Duty (Not Shown) |
| 32B | NA | Upper Leg — 2-Speed |
| 32B | NA | - 2-Speed Heavy Duty (Not Shown) |
| 34 | LG0050 | Skid Foot — 4.5" × 12" × 11.5" |
| 34 | LG0051 | - 2.0" × 12" × 11.5" |
| 34 | XA-V-796-WS | - 3.8" × 10" × 11.5" |
| 34 | LG0056 | - 2.0" × 10" × 11.5" |
| 34 | XA-HV-796 | - 4" × 12" × 16" |
| 41 | XB-767 | Lube Fitting |
| 42 | XB-01789 | Plastic Plug — Models before Feb. 2007 |
| 43 | XB-767-L | Lube Fitting w/Extension |
| 47 | XA-V-971 | Crankshaft Bracket (Optional) |
| 48 | XB-V-1915 | Crank Hanger (Optional) |
| 48 | XB-LG0085 | Crank Hanger (Optional) |
| 49 | XA-V-1916 | Extension Shaft — Long (Optional) — 15.44" |
| 49 | XA-V-1916-1 | - Short (Optional) — 8.94" |
| 50 | XA-V-630-2 | Crankshaft Coupling (Optional) |
| 51 | RK-V-07781 | Drive Gear Shaft Kit — 1-Speed |
| 52 | RK-V-07780 | Drive Gear Shaft Kit — 2-Speed |
| 53 | XB-GP-38-138-5 | Groove Pin — .38" × 1.38" (Optional) |
| 54 | XB-3103 | Locknut — .25"-28 (Optional) |
| 55 | XB-07618 | HHCS — .25"-28 × 3" (Optional) |
| 56 | XA-V-07601-1 | Extension Bracket — Long — 15.56" |
| 56 | XA-V-07601-2 | - Short — 9.06" |
| 57 | RK-V-07602-1 | Extension Bracket & Shaft Kit — Long - |
| 57 | RK-V-07602-2 | - Short — 9.06" |
| 58 | RK-V-1997-1 | Extension Bracket & Shaft Kit — Long - |
| 58 | RK-V-1997-2 | - Short — 8.94" |
| 59 | LG1829 | Cushion Foot Plate |
| 60 | XB-LG0713 | Rubber Cushion |
| 61 | XA-V-796-RCF | Removable Cushion Foot |
| 62 | XB-HHC-050-114 | Hex Head Screw — .63"-11 × 6" — GR2 |
| 63 | XB-06179-2 | Top Lock Nut — .63"-11 — GR.C |
| 64 | RK-11286 | Bevel & Pinion Gear Repair Kit |
| 65 | RK-11287 | Gear Box Repair Kit |

## LEG SETS — JOST



A400-T-17



A401-G3-17

| | SET PN* | SAND SHOE | GEAR SIDE LEG | NON-GEAR SIDE LEG | RETRACTED LENGTH | EXTENDED LENGTH | UPPER LEG |
|---|---|---|---|---|---|---|---|
| **OUTSIDE MOUNT LEGS AND SETS** | | | | | | | |
| | A400-T-17 | 17″ Travel Standard | A400R-T-17 | A400L-T-17 | 48.625 | 31.625 | 24.94 |
| | A400-T1-17 | 17″ Travel Low Profile | A400R-T1-17 | A400L-T1-17 | 46.125 | 29.125 | 24.94 |
| | A400-T-19 | 19″ Travel Standard | A400R-T-19 | A400L-T-19 | 52.625 | 33.625 | 26.94 |
| | A400-T1-19 | 19″ Travel Low Profile | A400R-T1-19 | A400L-T1-19 | 50.125 | 31.125 | 26.94 |
| **INSIDE MOUNT LEGS AND SETS** | | | | | | | |
| | A401-G3-17 | 17″ Cushion | A401R-G3-17 | A401L-G3-17 | 48.625 | 31.625 | 24.94 |
| | A401-T-17 | 17″ Travel Standard | A401R-T-17 | A401L-T-17 | 48.625 | 31.625 | 24.94 |
| | A401-T1-17 | 17″ Travel Low Profile | A401R-T1-17 | A401L-T1-17 | 46.125 | 29.125 | 24.94 |
| | A401-T-19 | 19″ Travel Standard | A401R-T-19 | A401L-T-19 | 52.625 | 33.625 | 26.94 |
| | A401-T1-19 | 19″ Travel Low Profile | A401R-T1-19 | A401L-T1-19 | 50.125 | 31.125 | 26.94 |

* Hardware included

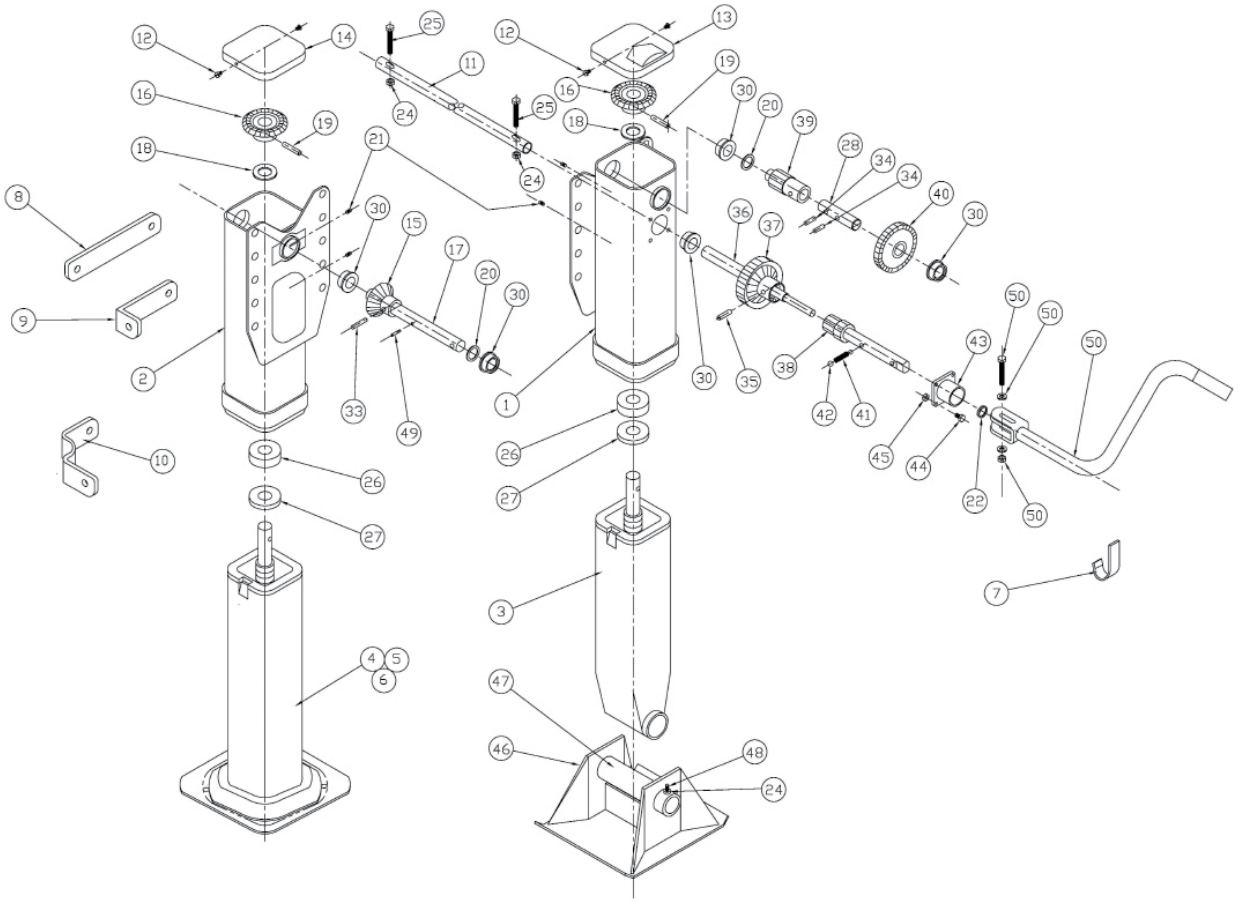
### Part Number Coding Guide

Example: A400R-T1-17

| A | 40 | | 0 | | R | | T1 | | 17 | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODEL | | LUBE | | MOUNTING | | LEG ASSY. | | FOOTWARE | | TRAVEL | | OPTIONS |
| | 40 | Standard | 0 | Outside | L | Leave Blank for Set | G | Cushion Foot 10″× 10″ | 14 | 14″ | 1 | Brace Ears Welded to Upper Leg |
| | 44 | Magnum | 1 | Inside | R | Gear Side | G1 | Cushion Foot 12″× 12″ | 17 | 17″ | 5 | Removable Crank |
| | | | OU | Universal | L | Slave Side | G3 | Low Profile Cushion Foot 10″× 10″ | 19 | 19″ | 08 | 65° Angle Grease Fitting |
| | | | | | | | G1 | Disc Wheels 9″ 3rd | | | 14 | Gear Box Full of Low Temp Grease With Seals |
| | | | | | | | T | Sand Shoe 10″× 10″× 4.5″ | | | 38 | Removable Cushion Foot for G And G3 |
| | | | | | | | T1 | Sand Shoe 10″× 10″× 2″ | | | 45 | Seals on all Shafts |
| | | | | | | | T2 | Sand Shoe 10″× 12″× 4.5″ | | | | |
| | | | | | | | T3 | Sand Shoe 10″× 12″× 2″ | | | | |
| | | | | | | | NA | No Footware | | | | |

* Blank for Standard

## LEG SETS — JOST, continued



### TECH TIPS

To ensure proper **MAINTENANCE** of the landing gear, it is recommended to perform the following:

- LUBRICATE AT LEAST EVERY THREE MONTHS and more frequently in applications where the landing gear are exposed to excessive moisture (liquid salt water spray), dust, or if they are not used for extended periods. Lubricate with the trailer securely coupled to a tractor.
- Employ a lubricant compatible with the original type of grease used: Standard – Lithium base 1-2% Moly EP-2 Low temperature – Arctic-grade, all weather white grease
- INSPECT ALIGNMENT: Using a square, check that both landing gear legs are square with the trailer and parallel with each. Bent or damaged legs are an indication of possible damage to the lift screw, lift nut or other internal components and should be replaced.
- INSPECT HARDWARE:
  - Tighten or replace mounting bolts as necessary.
  - Inspect the mounting bracket for cracks or other signs of damage.
  - Repair or replace any broken or damaged parts of the landing gear assembly or mounting structure.
  - Inspect the crank handle bolt and lock nut. Tighten or replace as necessary (the crank handle bolt must be loose enough to allow free engagement).
  - Cross shaft connection bolts and lock nuts should be secure, but allow side-to-side play in the cross shaft.
  - Check for proper crank shaft engagement in both high and low gear.
  - Landing gear with excessive play should be rebuilt or replaced.

## LEG SETS — JOST, continued

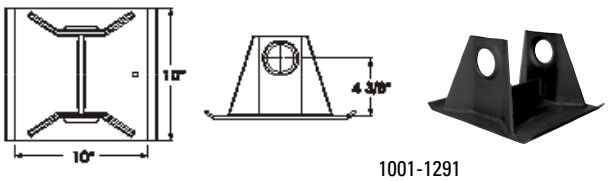
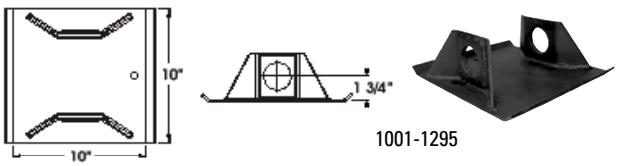
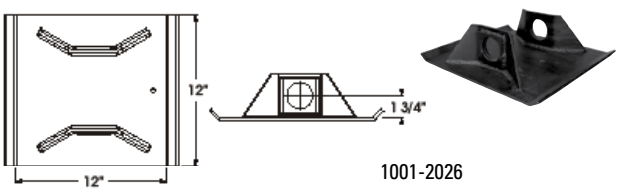
### Inside & Outside Mounts

| ITEM | PN | QTY | DESCRIPTION |
|---|---|---|---|
| 1 | D10201-1 | 1 | Outside Mount, Two Speed Upper Housing, 14" Travel |
| 1 | D10201-2 | 1 | Outside Mount, Two Speed Upper Housing,17" Travel |
| 1 | D10201-3 | 1 | Outside Mount, Two Speed Upper Housing, 19" Travel |
| 1 | D10298-1 | 1 | Inside Mount, Two Speed Upper Housing, 14" Travel |
| 1 | D10298-2 | 1 | Inside Mount, Two Speed Upper Housing, 17" Travel |
| 1 | D10298-3 | 1 | Inside Mount, Two Speed Upper Housing, 19" Travel |
| 2 | D10116-1 | 1 | Outside Mount, Single Speed Upper Housing, 14" Travel |
| 2 | D10116-2 | 1 | Outside Mount, Single Speed Upper Housing, 17" Travel |
| 2 | D10116-3 | 1 | Outside Mount, Single Speed Upper Housing, 19" Travel |
| 2 | D10299-1 | 1 | Inside Mount, Single Speed Upper Housing, 14" Travel |
| 2 | D10299-2 | 1 | Inside Mount, Single Speed Upper Housing, 17" Travel |
| 2 | D10299-3 | 1 | Inside Mount, Single Speed Upper Housing, 19" Travel |
| 3 | C10140-1 | 1 | Lower Leg Assembly, For Sand Shoe, 14" Travel |
| 3 | C10140-2 | 1 | Lower Leg Assembly, For Sand Shoe, 17" Travel |
| 3 | C10140-3 | 1 | Lower Leg Assembly, For Sand Shoe, 19" Travel |
| 4 | C10146-1 | 1 | "G" Lower Leg Assembly, 10"Cushion Foot, 14" Travel |
| 4 | C10146-2 | 1 | "G" Lower Leg Assembly, 10"Cushion Foot, 17" Travel |
| 4 | C10146-3 | 1 | "G" Lower Leg Assembly, 10"Cushion Foot, 19" Travel |
| 5 | C10254-1 | 1 | "G1" Lower Leg Assembly, 12"Cushion Foot, 14" Travel |
| 5 | C10254-2 | 1 | "G1" Lower Leg Assembly, 12"Cushion Foot, 17" Travel |
| 5 | C10254-3 | 1 | "G1" Lower Leg Assembly, 12"Cushion Foot, 19" Travel |
| 6 | C10580-1 | 1 | "G3" Lower Leg Assembly, Low Profile Cushion, 14" |
| 6 | C10580-2 | 1 | "G3" Lower Leg Assembly, Low Profile Cushion 17" Travel |
| 6 | C10580-3 | 1 | "G3" Lower Leg Assembly, Low Profile Cushion 19" Travel |
| 7 | B10261 | 1 | Crank Hanger |
| 8 | C10262 | 2 | Brace Lug-Flat |

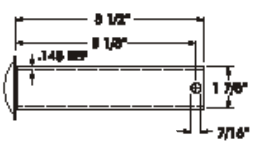
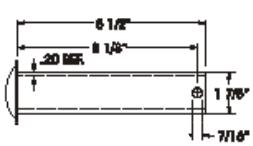
| ITEM | PN | QTY | DESCRIPTION |
|---|---|---|---|
| 9 | C10263 | 2 | Brace Lug-90 |
| 10 | C10108 | 2 | Brace Lug w/ Bracket |
| 11 | C10066 | 1 | Intermediate Cross Shaft |
| 12 | A10059-1 | 4 | Cover Screw |
| 13 | C10217 | 1 | Cover-Two Speed |
| 14 | C10259 | 1 | Cover-Single Speed |
| 15 | C10177 | 1 | Pinion Gear |
| 16 | C10155 | 2 | Bevel Gear |
| 17 | B10130 | 1 | Pinion Shaft-Singe Speed |
| 18 | A10102 | 2 | Thrust Washer |
| 19 | A10052-3 | 2 | Grooved Pin |
| 20 | A10218 | 2 | Spacer Washer |
| 21 | A10040 | 4 | Grease Fitting |
| 22 | A10283* | 1 | Grease Seal |
| 23 | C10209 | 4 | Strut Brace (Not Shown) |
| 24 | A10038-7 | 4 | Self Locking Nut |
| 25 | A10037-1 | 2 | Cross Shaft Bolt 3/8"-16× 2" Grade 5 |
| 26 | A10033 | 2 | Thrust Washer |
| 27 | A10101 | 2 | Collar |
| 28 | A10212 | 1 | Output Shaft |
| 30 | A10255 | 5 | Bushing |
| 33 | A10054-3 | 1 | Roll-Pin 3/8"× 11/2" |
| 34 | A10260-1 | 2 | Spiral Pin |
| 35 | A10054-7 | 1 | Roll-Pin 3/8"× 13/4" |
| 36 | B10236 | 1 | Output Cluster Shaft |
| 37 | C10234 | 1 | Output Cluster Gear |
| 38 | C10233* | 1 | Input Gear Shaft |
| 39 | C10078 | 1 | Output Spur Gear |
| 40 | C10085 | 1 | Input Spur Gear |
| 41 | A10049* | 1 | Detent Spring |
| 42 | A10048* | 2 | Detent Ball |
| 43 | B11139* | 1 | Shift Housing |
| 44 | A10230 | 4 | Shift Housing Bolt |
| 45 | A10038-6 | 4 | Self Locking Nut |
| 46 | C10035 | 2 | "T" Sand Shoe 10"× 10" × 41/2" |
| 46 | C10135 | 2 | "T1"Sand Shoe 10"× 10" × 2" |
| 46 | C10256 | 2 | "T2" Sand Shoe 10"× 12" × 41/2" |
| 46 | C10257 | 2 | "T3" Sand Shoe 10"× 12" × 2" |
| 47 | B10036 | 2 | Shoe Axle |
| 48 | A10037-3 | 2 | Hex Head Bolt |
| 49 | A10054-6 | 1 | Roll-Pin-1/4" × 11/4" |
| 50 | C10592-2 | 1 | Standard Crank W/Hardware |

* Included with B10285 shift shaft assembly

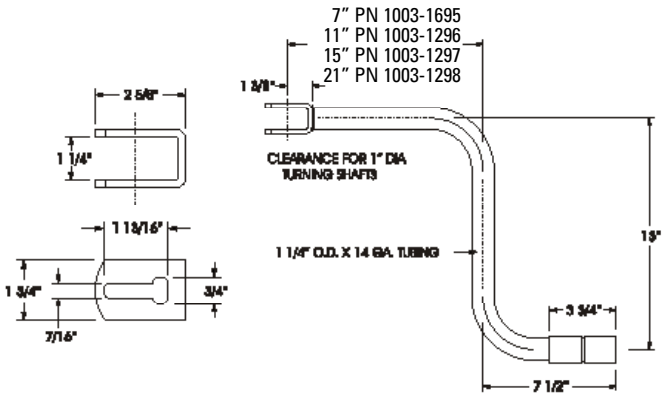
## SAND SHOES — PRIMER FINISH

| | PN | PENZ | DESCRIPTION | WEIGHT |
|---|---|---|---|---|
|  1001-1291 | 1001-1291 | 05-300 | Standard 10″× 10″ | 10.36 lb |
|  1001-1295 | 1001-1295 | 05-310 | Low Profile 10″× 10″ w/ Patch | 8.44 lb |
|  1001-2026 | 1001-2026 | 05-336 | Low Profile 12″× 12″ w/ Patch | 15.60 lb |

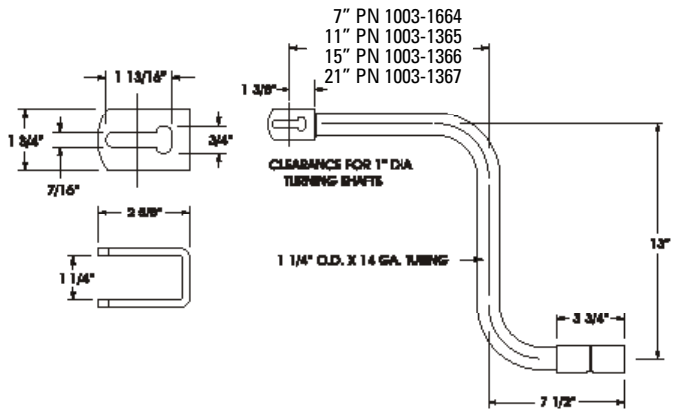
## SAND SHOE AXLES — PRIMER FINISH

| | PN | PENZ | DESCRIPTION | MATERIAL | WEIGHT |
|---|---|---|---|---|---|
|   1002-1407-KIT | 1002-1407-KIT | 06-410 | Axle Assembly (Standard) w/ Welded Cap | 1-1/2″ SCH 40 Tube | 1.98 lb |
|   1002-1303-KIT | 1002-1303-KIT | 06-411 | Axle Assembly (Heavy Duty) w/ Welded Cap | 1-1/2″ SCH 80 Tube | 2.20 lb |

## HORIZONTAL CRANK HANDLES

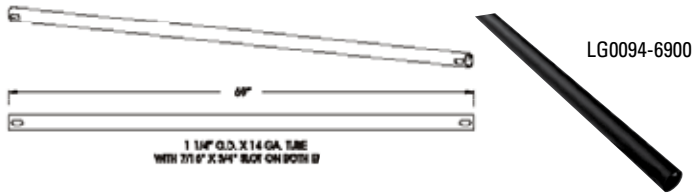
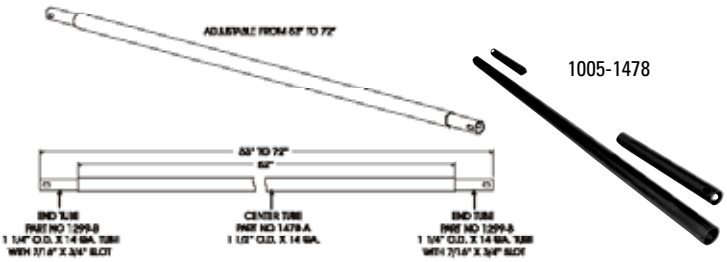
| | PN | PENZ | DESCRIPTION |
|---|---|---|---|
|  03-211-H | 1003-1695 | 03-207-H | 7″* |
| | 1003-1296 | 03-211-H | 11″* |
|   | 1003-1297 | 03-215-H | 15″* |
| | 1003-1298 | 03-221-H | 21″* |

## VERTICAL CRANK HANDLES

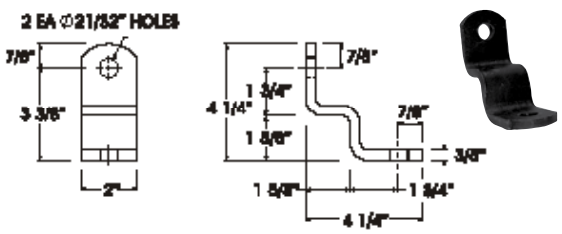
| | PN | PENZ | DESCRIPTION |
|---|---|---|---|
|  03-207-V | 1003-1664 | 03-207-V | 7″* |
| | 1003-1365 | 03-211-V | 11″* |
|   | 1003-1366 | 03-215-V | 15″* |
| | 1003-1367 | 03-221-V | 21″* |

* Approximate Length

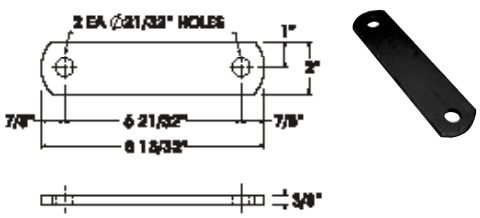
## SHAFTS — 14 GA TUBE, PRIMER FINISH

| APPLICATION | PN | PENZ | DESCRIPTION | WEIGHT |
|---|---|---|---|---|
|  LG0094-6900 | **CRANK HANDLE CROSS** | | | |
| | LG0094-6900 | 04-652-69 | 69” | 5.25 lb |
|  1005-1478 | **TURNING** | | | |
| | 1005-1478 | 04-552-X | Adjustable, 3 pieces | 6.5 lb |

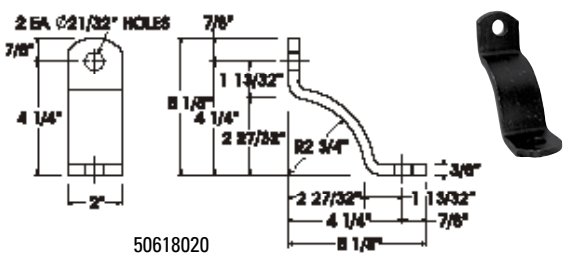
## MOUNTING LUGS — PRIMER FINISH, 3/8” STEEL



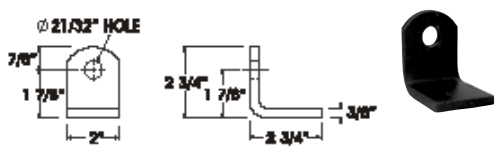

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50618022



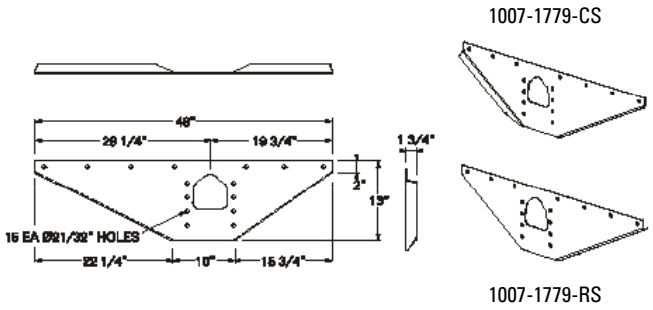
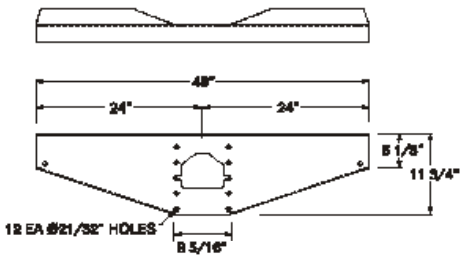
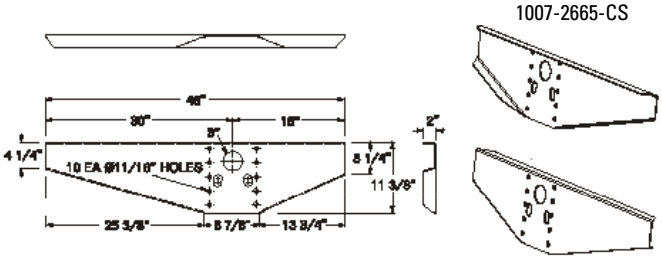
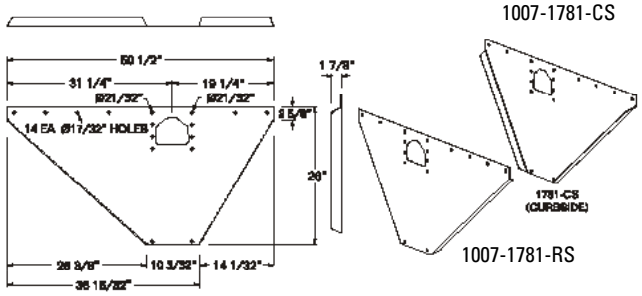

50618020



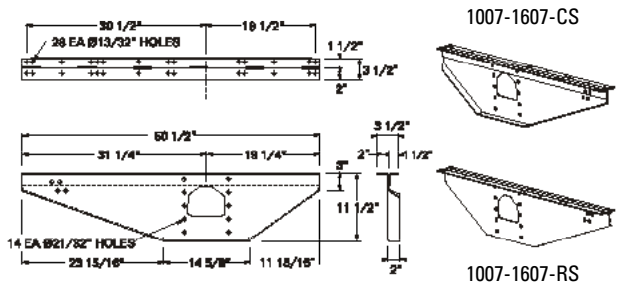
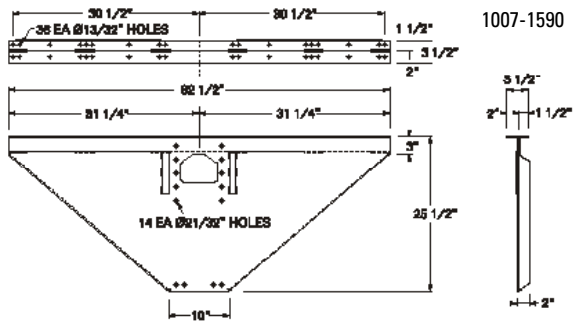
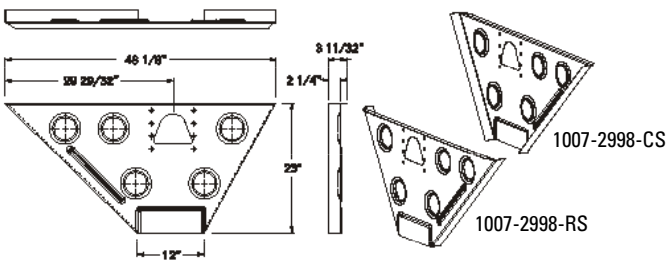
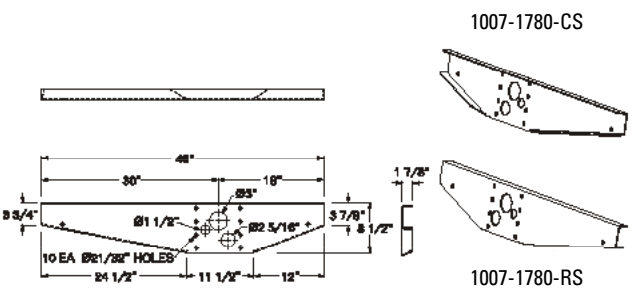

50618023

| PN | PENZ | WEIGHT |
|---|---|---|
| 50618018 | 02-14-A | 1.35 lb |
| 50618020 | 02-15-A | 1.5 lb |
| 50618022 | 02-12-A | 1.5 lb |
| 50618023 | 02-13-A | 0.9 lb |

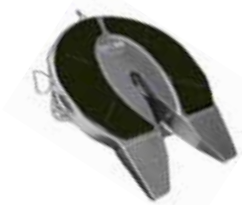
## WING PLATES — FABRICATED STEEL, PRIMER FINISH

| APPLICATION | PN | PENZ | OEM | DESCRIPTION |
|---|---|---|---|---|
| | **GREAT DANE – 7 GA, 31.7 LB** | | | |
|  1007-1779-CS 1007-1779-RS | 1007-1779-CS | 02-07-CS | 13646 | Curbside |
| | 1007-1779-RS | 02-07-RS | 13647 | Roadside |
| | **MILLER – 7 GA, 31.7 LB** | | | |
|  1007-1606 | 1007-1606 | 02-30 | N/A | Universal |
| | **MONON – 7 GA, 27.9 LB** | | | |
|  1007-2665-CS 1007-2665-RS | 1007-2665-CS | 02-41-CS | V09-189A-CS | Curbside |
| | 1007-2665-RS | 02-41-RS | V09-189A-RS | Roadside |
| | **PINES – 10 GA, 33 LB** | | | |
|  1007-1781-CS 1007-1781-RS | 1007-1781-CS | 02-36-CS | PILGB1315R | Curbside |
| | 1007-1781-RS | 02-36-RS | PILGB1315L | Roadside |

## WING PLATES — FABRICATED STEEL, PRIMER FINISH

| APPLICATION | PN | PENZ | OEM | DESCRIPTION |
|---|---|---|---|---|
|  | **TRAILMOBILE – 7 GA, 39.7 LB** | | | |
| | 1007-1607-CS | 02-02-CS | 4-A1-224R | Curbside |
| | 1007-1607-RS | 02-02-RS | 4-A1-224L | Roadside |
|  | 1007-1590 | 02-01 | 4-A1-223 | Universal |
| | **UTILITY — 1/8" THICK, 25.95 LB** | | | |
|  | 1007-2998-CS | N/A | 3-1103-078 | Curbside |
| | 1007-2998-RS | N/A | 3-1103-077 | Roadside |
| | **WABASH – 7 GA, 21.5 LB** | | | |
|  | 1007-1780CS | 02-34-CS | 3-0100-047 | Curbside |
| | 1007-1780-RS | 02-34-RS | 3-0100-048 | Roadside |

## TOP PLATES — SAF HOLLAND®

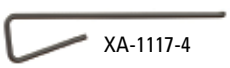
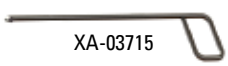
| | PN | MAXIMUM VERTICAL LOAD | MAXIMUM DRAWBAR PULL | PART OF FW SERIES |
|---|---|---|---|---|
|  XA-S1-A-L-P | XA-S1-A-L-P | 50,000 lb | 150,000 lb | FWS1 (Simplex) |
| XA-351-A-L-P  | XA-351-A-L-P (LH)<br>XA-351-A-P (RH) | 55,000 lb | 150,000 lb | FW35 |
|  XA-331-A-L-P | XA-331-A-L-P (LH)<br>XA-331-A-P (RH) | 55,000 lb | 150,000 lb | FW33 (Low Lube) |
| XA-311-A-L-P  | XA-311-A-L-P (LH)<br>XA-311-A-P (RH) | 55,000 lb | 150,000 lb | FW31 (No Lube) |
|  XA-AL-A-L-P | XA-AL-A-L-P (LH) | 55,000 lb | 150,000 lb | FWAL<br>(Low Lube / Aluminum) |
| XA-71-DAP  | XA-71-DAP*<br>XA-71-OAP** | 70,000 lb | 200,000 lb | FW0070 (Heavy Duty) |
|  XA-17-A-L-P | XA-17-A-L-P | 50,000 lb | 150,000 lb | FW17 |
| XA-201-A  | XA-201-A-L-P (LH)<br>XA-201-A-P (RH) | 50,000 lb | 150,000 lb | FW8 |

## REBUILD KITS — SAF HOLLAND®

| | REBUILD KIT PN | DESCRIPTION | PART OF FW SERIES |
|---|---|---|---|
|  RK-FWS-A-L | RK-FWS-A-L | Includes Jaw Kit, Bracket Connection Kit | FWS1 (Simplex) |
|  RK351-A-L (Uses RK331-A-L and RK311-A-L w/ Lube Plates as Listed) | RK-351-A-L (LH)<br>RK-351-A (RH) | Includes Jaw Kit, Handle Kit, Bracket Connection Kit | FW35 |
| | RK-331-A-L (LH)<br>RK-331-A (RH) | Includes Jaw Kit, Handle Kit, Lube Plate & Pocket Inserts | FW33 (No Lube)<br>RK-AL-1 |
| | RK-311-A-L (LH)<br>RK-311-A (RH) | Includes Jaw Kit, Handle Kit, Lube Plate & Pocket Inserts | FW31 (Low Lube)<br>RK-331-3 |
|  RK-AL-A-L | RK-AL-A-L | Includes Jaw Kit, Handle Kit, Lube Plate & Pocket Inserts | FWAL (Low Lube / Aluminum)<br>w/ RK-AL-1 |
|  RK-65014 | RK-65014*<br>RK-65015** | 9" Mount Height / Includes Jaw Kit, Handles Set, Bracket Connection Pins & Bushings | FW0070 (Heavy Duty) |
| | RK-65014-1*<br>RK-65015-1** | 8" Mount Height / Includes Jaw Kit, Handles, Bracket Connection Pins & Bushings | |
|  RK-17-A-L | RK-17-A-L | Includes Jaw Kit, Handle Kit, Bracket Connection Kit | FW17 |
|  RK-201-A3-L | RK-201-A3-L (LH)***<br>RK-201-A3 (RH)*** | Includes Handle Kit, Bracket Connection Kit | FW8 |

* 2" KINGPIN ** 3.5" KINGPIN *** For fifth wheels manufactured prior to 1999, add Wedge Kit RK-09590-W

## REPAIR KITS — SAF HOLLAND®

| | PART OF FW SERIES | JAW KIT PN | HANDLE KIT PN | BRACKET CONNECTION KIT PN |
|---|---|---|---|---|
|  RK-4109939  RK-06973-1  RK-10605 | FWS1 (Simplex) | RK-4109939 | — | RK-06973-1 Traditional Slider & Integrated Plate Mount RK-10605 ILS Slider & Stationary |
|  RK-351-07296  RK-08415-1 | FW35 | RK-351-07296 | RK-08415-1 | RK-06973-1 Traditional Slider & Integrated Plate Mount RK-10605 ILS Slider & Stationary |
|  RK-65024  XA-1117-4  XA-03715  XE-02759  XB-0012-3 | FW0070 (Heavy Duty) | RK-65024* RK-65024-1** | XA-1117-4 (9″ Mount Set) XA-03715 (8″ Mount) | XE-02759 (Pins) XB-0012-3 (Bushings) |
|  RK-171-11079 | FW17 | RK-171-11078 | RK-171-11079 | RK-06973-1 Traditional Slider & Integrated Plate Mount RK-10605 ILS Slider & Stationary |
|  RK-171-11078 | | | | |
|  RK-09557 | FW8 | — | RK-09557 (LH) RK-09556 (RH) | RK-06973-1 Traditional Slider & Integrated Plate Mount RK-10605 ILS Slider & Stationary |

* 2″ KINGPIN ** 3.5″ KINGPIN

## REPAIR KITS — SAF HOLLAND®, continued

| | PART OF FW SERIES | JAW KIT PN | HANDLE KIT PN | LUBE PLATE & POCKET INSERTS PN |
|---|---|---|---|---|
|  RK-351-07296  RK-08415-1  RK-331-3 | FW33 | RK-351-07296 | RK-08415-1 | RK-331-3 Kit<br>RK-PKT-2 Pocket Inserts<br>RK-331-1 Lube Plates |
|  RK-311-LK  RK-311-10344 | FW31 | RK-311-LK | RK-311-10344 | RK-331-3 Kit<br>RK-PKT-2 Pocket Inserts<br>RK-331-1 Lube Plates |
|  RK-AL-11078  RK-10495-ALP  RK-AL-1 | FWAL | RK-AL-11078 | RK-10495-AL-P | RK-AL-1 Kit<br>RK-PKT-3 Pocket Inserts<br>RK-331-3 Lube Plates |

## MOUNTING BRACKET CONNECTION KITS — SAF HOLLAND®

| | PN | DESCRIPTION | PART OF FW SERIES |
|---|---|---|---|
| | **FOR TRADITIONAL SLIDER & STATIONARY** | | |
|  RK-06973-1 | RK-06973-1 | Bracket Connection Kit | FW33<br>FW31<br>FWAL |
| | **FOR ILS SLIDER & STATIONARY** | | |
|  RK-10605 | RK-10605 | Bracket Connection Kit | FW33<br>FW31<br>FWAL |

## TERMINAL TRACTOR REBUILD KITS — SAF HOLLAND®

### w/ Stainless Steel Air Cylinder

| ASSEMBLY PN | TOP PLATE PN (INCLUDES BRACKET PINS & BUSHINGS) | REBUILD KIT PN (w/ ALUMINUM CYLINDER) | AIR CYLINDER PN (STAINLESS STEEL) | BRACKET PN (NOT BUSHED, ORDER BUSHING SEPARATELY) | HEIGHT |
|---|---|---|---|---|---|
| FW35-03344 | XA-351-03505-P | RK-351-03505 | XA-2524-R-13-1 | XA-02763 | 7.5″ |
| FW35-03344-1 | | | | XA-03573 | 10.0″ |
| FW35-03344-2* | XA-351-03505-2-P | | | XA-02763 | 7.5″ |
| FW35-03344-3* | | | | XA-03573 | 10.0″ |
| FW35-03344-4 | XA-351-03505-3-P | RK-351-03505-3 | XA-2524-R-13-3 | XA-02763 | 7.5″ |
| FW35-03344-6* | XA-351-03505-2-P | RK-351-03505 | XA-2524-R-13-1 | XA-02763 | 7.5″ |
| FW35-03344-7 | XA-351-03505-P | | | XA-03573-1 | 8.5″ |
| FW35-03344-8* | XA-351-03505-2-P | | | XA-03573-1 | 8.5″ |
| FW35-03344-9 | XA-351-03505-3-P | RK-351-03505-3 | XA-2524-R-13-3 | XA-02763 | 7.5″ |
| FW35-03344-10 | XA-351-03505-3-P | | | XA-0357 | 10.0″ |

### w/ Aluminum Air Cylinder

| ASSEMBLY PN | TOP PLATE PN (INCLUDES BRACKET PINS & BUSHINGS) | REBUILD KIT PN (w/ ALUMINUM CYLINDER) | AIR CYLINDER PN (ALUMINUM) | BRACKET PN (NOT BUSHED, ORDER BUSHING SEPARATELY) | HEIGHT |
|---|---|---|---|---|---|
| FW35-03344 | XA-351-03505-P | RK-351-03505-1 | XA-11702 | XA-02763 | 7.5″ |
| FW35-03344-1 | XA-351-03505-P | RK-351-03505-1 | XA-11702 | XA-03573 | 10.0″ |
| FW35-03344-2* | XA-351-03505-2-P | RK-351-03505-1 | XA-11702 | XA-02763 | 7.5″ |
| FW35-03344-3* | XA-351-03505-2-P | RK-351-03505-1 | XA-11702 | XA-03573 | 10.0″ |
| FW35-03344-4 | XA-351-03505-3-P | RK-351-03505-3-1 | XA-11704 | XA-02763 | 7.5″ |
| FW35-03344-5 | XA-351-03505-4-P | RK-351-03505-4-1 | XA-11703 | XA-02763 | 7.5″ |
| FW35-03344-6 | XA-351-03505-2-P | RK-351-03505-1 | XA-11702 | XA-02763 | 7.5″ |
| FW35-03344-7 | XA-351-03505-P | RK-351-03505-1 | XA-11702 | XA-03573-1 | 8.5″ |
| FW35-03344-8* | XA-351-03505-2-P | RK-351-03505-1 | XA-11702 | XA-03573-1 | 8.5″ |
| FW35-03344-9 | XA-351-03505-3-P | RK-351-03505-3-1 | XA-11704 | XA-02763 | 7.5″ |
| FW35-03344-10 | XA-351-03505-3-P | RK-351-03505-3-1 | XA-11704 | XA-0357 | 10.0″ |

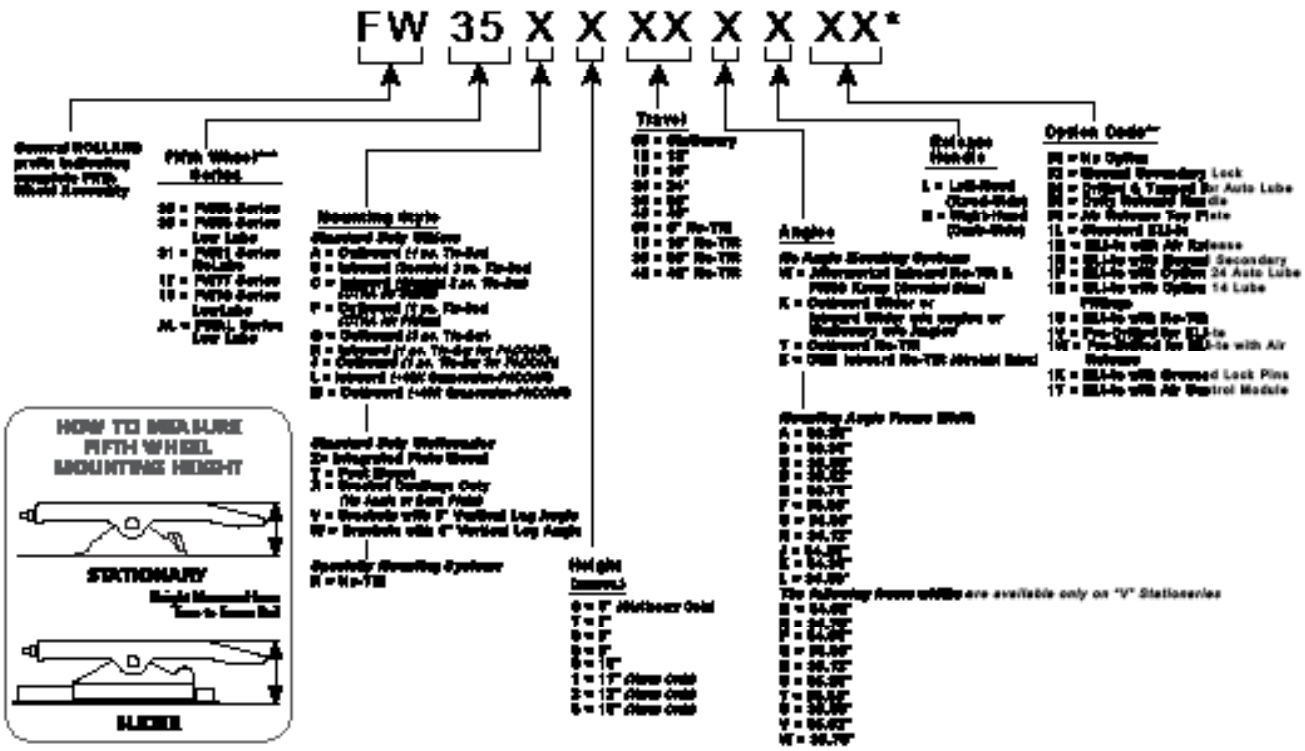
* Drilled/Auto Lube

- For all terminal tractor models use Jaw Kit RK351-08332-1, Bracket Connection Kit RK-04413-1, Bushings XB-0011
- For air cylinders, note air inlet and port locations as follows for proper cylinder selection:




| | | | |
|---|---|---|---|
| Stainless Steel | XA-2524-R-13-1 | XA-2524-R-13-2 | XA-2524-R-13-3 |
| Aluminum | XA-11702 | XA-11703 | XA-11704 |

## FIFTH WHEEL ASSEMBLY PART NUMBER GUIDE — SAF HOLLAND®



## TOP PLATES — FONTAINE®

| | PN | MAXIMUM VERTICAL LOAD | MAXIMUM DRAWBAR PULL | SERIES |
|---|---|---|---|---|
|  SLTPL6000 | SLTPL6000 (L)<br>SRTPL6000 (R) | 50,000 lb | 150,000 lb | No-Slack® 6000 Series |
| SLTPL7000  | SLTPL7000 (L)<br>SRTPL7000 (R)<br>AATPL7000 (L)<br>(Air Actuated) | 55,000 lb | 150,000 lb | No-Slack® 7000 Series |
|  SLTPL7000CC | SLTPL7000CC (L)<br>AATPL7000CC (L)<br>(Air Actuated) | 55,000 lb | 150,000 lb | No-Slack® 7000CC Series Clean Connect™ |
| SLTPLH7  | SLTPLH7 | AWB Mounts<br>62,500 lb | AWB Mounts<br>150,000 lb | No-Slack® H7 Heavy Duty Series |
| | | PS5 & AWX Mounts<br>70,000 lb | PS5 & AWX Mounts<br>200,000 lb | |
|  SLTPLUNT | SLTPLUNT (L)<br>SRTPLUNT (R) | 50,000 lb | 150,000 lb | Replaces 3000 Series |

## REBUILD KITS — FONTAINE®

| | PN | DESCRIPTION | | SERIES |
|---|---|---|---|---|
| KIT-RX-67NTL  | KIT-RX-67NTL | • Major rebuild kit for left side (driver) handle release NT/6000/7000/ 7000CC/ H7 top plates<br>• Kit does not include bracket pins, bushings or Clean Connect plate kits | • 7 kits combined in 1 saves you money<br>• Parts are arranged in the sequence you need them<br>• Complete instructions and link to video to make rebuild easy<br>• Keep all the benefits of No-Slack® II technology | 6000<br>7000<br>7000CC<br>NT |
|  KIT-RX-3000L | KIT-RX-3000L | • Pivot Pin (2)<br>• Hex Socket Button Head Screw, M12X25MM (4)<br>• Flat Washer, M12 (4)<br>• Wear Ring (1)<br>• Cotter Pin (4)<br>• Security Clip (1)<br>• Adjustment Rod (1)<br>• Adjustment Rod Nut, M16 Square (1) | • Main Spring (1)<br>• Hex Head Bolt, M16 X 45MM (1)<br>• Pull Handle (1)<br>• Rotating Locking Jaw (1)<br>• Jaw Spring (1)<br>• Washer, 3/4" (2)<br>• Operating Handle (1)<br>• Nylok Nut, M16 (1)<br>• Locking Wedge (1) | 3000 |

## REPAIR KITS — FONTAINE®

### No-Slack® Series 6000 / 7000 / 7000CC / NT / H7

| | PN | DESCRIPTION | |
|---|---|---|---|
|  KIT-RPR-6000L | **REPAIR KIT** | | |
| | KIT-RPR-6000L<br>KIT-RPR-6000R | • Bumper Spring (1)<br>• Handle Spring (1)<br>• Timer Spring (1)<br>• Step Jaw (1)<br>• Wedge (1) | • Bushing, 7/16" (1)<br>• Bushing, 5/16" (1)<br>• Bushing, 1-1/4" (1)<br>• Hex Lock Nut, 1/2"-13 (3) |
|  KIT-LAT-6000L | **SECONDARY LOCK KIT** | | |
| | KIT-LAT-6000L<br>KIT-LAT-6000R | • Handle Spring (1)<br>• Hex Head Bolt, 1/2"-13 (1)<br>• Flat Washer, 1/2" ID (2)<br>• Bushing, 7/16" (1) | • Secondary Lock (1)<br>• Hex Lock Nut, 1/2"-13 (1)<br>• Cotter Pin, 3/16"×1" (1) |
|  KIT-PULL-6000L KIT-PUL-H7 | **PULL HANDLE KIT** | | |
| | KIT-PUL-6000L<br>KIT-PUL-6000R | • Pull Handle (1)<br>• Flat Washer, 1/2" ID (1) | • Cotter Pin, 3/16"×1" (1) |
| | KIT-PUL-H7 | • Heavy Duty Pull Handle (1) | • Hex Lock Nut, 1/2"-13 (1) |
|  KIT-TMR-6000L | **TIMER KIT** | | |
| | KIT-TMR-6000L<br>KIT-TMR-6000R | • Timer Spring (1)<br>• Timer (1) | • Hex Lock Nut, 1/2"-13 (1)<br>• Hair Pin Cotter (1) |
|  KIT-ROD-1108 | **WEDGE-STOP ROD KIT** | | |
| | KIT-ROD-1108 | • Wedge-Stop Rod Nut (1)<br>• Flat Washer, 5/8" ID (2)<br>• Wedge-Stop Rod Spring (1) | • Wedge-Stop Rod (1)<br>• Cotter Pin, 3/16"×1" (1) |
|  KIT-SPRING | **SPRING KIT** | | |
| | KIT-SPRING | • Bumper Spring (1)<br>• Handle Spring (1) | • Timer Spring (1) |
|  KIT-BPR-6000L | **BUMPER KIT** | | |
| | KIT-BPR-6000L<br>KIT-BPR-6000R | • Hex Lock Nut, 1/2 -13 (1)<br>• Flat Washer, 1/2" ID (2)<br>• Bushing (1) | • Hex Head Bolt, 1/2"-13 (1)<br>• Bumper (1)<br>• Bumper Spring (1) |
|  KIT-OPR-6000 | **OPERATING HANDLE KIT** | | |
| | KIT-OPR-6000 | • Bushing, 7/16" (1)<br>• Bushing, 5/16" (1)<br>• Bushing, 1 1/4" (1)<br>• Hex Lock Nut, 1/2"-13 (3) | • Flat Washer, 1/2" ID (2)<br>• Hex Head Bolt, 1/2"-13 (1)<br>• Operating Handle (1)<br>• Hair Pin Cotter (1) |
|  KIT-OPR-H7 | KIT-OPR-H7 | • Bushing, 7/16" (1)<br>• Bushing, 5/16" (1)<br>• Bushing, 9/16" (1)<br>• Hex Lock Nut, 1/2"-13 (3) | • Flat Washer, 1/2" ID (2)<br>• Hex Head Bolt, 1/2"-13 (1)<br>• Heavy Duty Operating Handle (1)<br>• Hair Pin Cotter (1) |

## KIT OPTIONS — FONTAINE®

| | PN | DESCRIPTION |
|---|---|---|
|  NUT-319 | **WEDGE STOP ROD NUT KIT** | |
| | NUT-319 | • Wedge Stop Rod Nuts (10) |
| | **TIMER SPRING KIT** | |
| CD-SPR-236  | CD-SPR-236 | • Timer Springs (6) |
| | **7000CC KIT OPTIONS** | |
|  CCR-PLATES-L/R | CCR-PLATES-L (L)<br>CCR-PLATES-R (R) | **Clean Connect Plate Kit**<br>• CC Plate (1)<br>• Flat Washers (7)<br>• Hex Lock Nuts (7) |
|  KIT-AA-6000L | KIT-AA-6000L (L)<br>KIT-AA-6000LR (R) | • Air Actuated Kit<br>• Hex Head Bolt (1)<br>• Hex Lock Nut (1)<br>• Air Cylinder (1)<br>• Mini-Matic Jumbo Exhaust Valve (VLV-254) (1)<br>• Hex Lock Nut (1)<br>• Flat Washer (1)<br>• Shoulder Bolt (1)<br>• Springs (2) |
| | Note: This kit includes the parts mounted to the fifth wheel. If you are upgrading from manual to air actuated you will also need KIT-AIR-DASH which includes the parts required to complete the in-dash installation. | |
| | **IN-DASH INSTALLATION** | |
|  KIT-AIR-DASH | KIT-AIR-DASH | Kit to complete the in-dash installation |
|  KIT-AIR-COIL | KIT-AIR-COIL | Parts required to connect the air actuated fifth wheel or fifth wheel air sliders to the air system |
| VLV-PUL  | VLV-PUL | Pull valve used in dash |
| | **TEST KINGPIN** | |
|  KITKPT | KITKPT | Test kingpin used for jaw and wedge adjustment |

## PIN / BUSHING KITS — FONTAINE®

| | PN | DESCRIPTION | |
|---|---|---|---|
| | **BRACKET PIN KITS** | | |
|  KIT-PIN-LLB | KIT-PIN-LLB | • 2-Piece Bushing (2 Pairs)<br>• Bracket Pins (2) | • Bracket Retainer Pins (2)<br>• Cotter Pins (2)<br>• Bracket Liners (2) |
|  KIT-PIN-191 | KIT-PIN-191 | • 1-Piece Bushings (2)<br>• Bracket Pins (2) | • Bracket Retainer Pins (2)<br>• Cotter Pins (2) |
|  KIT-PIN-UNT | KIT-PIN-UNT | • 1-Piece Bushings (2)<br>• Bracket Pins (2) | • Bracket Retainer Pins (2)<br>• Cotter Pins (2)<br>• Bracket Liners (2) |
|  KIT-PIN-3000 | KIT-PIN-3000 | • 1-Piece Bushings (2)<br>• Bracket Pins (2) | • Bracket Retainer Pins (2)<br>• Cotter Pins (2)<br>• Bracket Liners (2) |
| | **BUSHING KITS** | | |
|  BSH-LLB | BSH-LLB | • 2-Piece Bushing (2 Pairs) | • Bracket Liners (2) |
| | BSH-3000 | • 1-Piece Bushings (2) | • Bracket Liners (2) |
| | BSH-150 | • 1-Piece Bushings (2) | |
|  BSH-3000 | **PIN / BUSHING KITS** | | |
| | KIT-PIN-191 | Mounts 6000, 7000, 7000CC on AWB, MWS, PSA and FMA brackets | |
| | KIT-PIN-LLB | Mounts 6000, 7000, 7000CC on LWB, MTB, ATB, PMA, BSL, PML brackets | |
|  BSH-150 | KIT-PIN-UNT | Mounts NT top plate or NT, 3000 and 4000 mounts on LWO and APB brackets | |

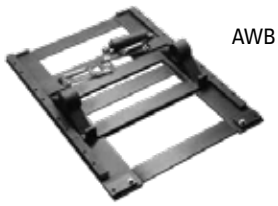
## PIN / BUSHING KITS GUIDE — FONTAINE®

| TOP PLATE MOUNT | TOP PLATE | BRACKET PIN KIT | BUSING KIT |
|---|---|---|---|
| **SLIDING BRACKETS** | | | |
| ATB | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| AWB | 7000, H5092, H7 | KIT-PIN-191 | BSH-150 |
| AWB Blocked BLAWB | 7000, H5092, H7 | KIT-PIN-191 | BSH-150 |
| AWX | H5092, H7 | KIT-PIN-XHD | BSH-150 |
| LWB | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| LWO | NT, 3000 | KIT-PIN-UNT* | BSH-3000 |
| MTB | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| MWS | H5092, H7 | KIT-PIN-191 | BSH-150 |
| NWB | 6000 | KIT-PIN-LLB | BSH-LLB |
| XPSA | X5092 | KIT-PIN-XHD | BSH-150 |
| ASB | NT, 3000 | KIT-PIN-3000 | BSH-3000 |
| **FIXED MOUNT / PLATE MOUNT** | | | |
| APB | NT, 3000 | KIT-PIN-UNT* | BSH-3000 |
| BSL | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| BSM | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| FMA | 6000, 7000, 7000CC | KIT-PIN-191 | BSH-150 |
| FMA | D3 6000, 7000, 7000CC | KIT-PIN-191 | BSH-150 |
| PMA | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| PML | 6000, 7000, 7000CC | KIT-PIN-LLB | BSH-LLB |
| PSA | H5092, H7 | KIT-PIN-191 | BSH-150 |
| PS5 | H5092, H7 | KIT-PIN-191 | BSH-150 |
| PS5 Blocked(BLPS5) | H5092, H7 | KIT-PIN-191 | BSH-150 |
| SMB | NT, 3000 | KIT-PIN-UNT* | BSH-3000 |
| XPSA | X5092 | KIT-PIN-XHD | BSH-150 |

*If 3000 Series top plate on the bracket or slide, use KIT-PIN-3000.

## NO-SLACK® II NT/6000/7000/7000CC SERIES PIN / BUSHING — FONTAINE®

| PN | DESCRIPTION |
|---|---|
| **PIN AND BUSHING KITS** | |
| KIT-PIN-191 | Designed to mount 6000, 7000, 7000CC on AWB, MWS, PSA and FMA brackets |

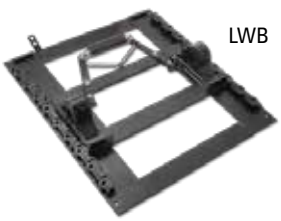

AWB

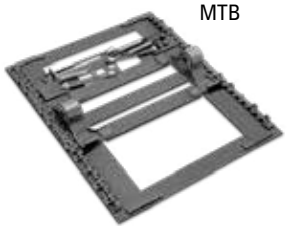

MWS

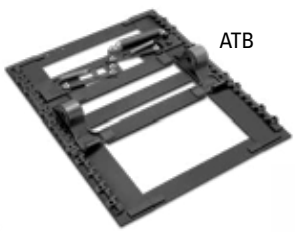

PS5


FMA

| | |
|---|---|
| KIT-PIN-LLB | Designed to mount 6000, 7000, 7000CC on LWB, MTB, ATB, PMA, BSL, PML |


LWB


MTB


ATB


BSL


PML

| | |
|---|---|
| KIT-PIN-UNT | Designed to mount NT top plate or NT, 3000 and 4000 mounts LWO and APB brackets |


APB


LWO

## TOP PLATES — JOST®

| | PN | MAXIMUM VERTICAL LOAD | MAXIMUM DRAWBAR PULL | SERIES |
|---|---|---|---|---|
| | **OEM TOP PLATES** | | | |
|  JSK37USL<br>  JSK37USA<br>  JSK37UWL | JSK37USL (Standard)<br>JSK37USA (Air Release)<br>JSK37UWL (Low Lube) | 50,000 lb | 150,000 lb | JSK37U |
|  JSK36NSL | JSK36NSL | 45,000 lb | 150,000 lb | JSK36N |
|  JSK37Y | JSK37Y | 50,000 lb | 150,000 lb | JSK37Y |
| | **REPLACEMENT TOP PLATES** | | | |
|  JSK37FSL | JSK37FSL* | 55,000 lb | 150,000 lb | JSK37F |
| | • Replaces "F" Models** SL5000, SL6000, SL7000, SL5092, SLH5092<br>• Replaces Kits KIT-RPR-5092L, KIT-RPR-7000<br>* Will increase 5th wheel height by 5/16"<br>** Is not compatible with 7" LWS Series Sliders | | | |
|  JSK37HSL | JSK37HSL* | 55,000 lb | 150,000 lb | JSK37H |
| | • Replaces "H" Models FW8, FW2000, FW3501, FW17, FW2500, FWAL, FW35, FW2535<br>• Replaces Kits RK-17-A-L, RK-351-A-L, RK-AL-A-L<br>* Will increase 5th wheel height by 3/4" | | | |

## REBUILD KITS — JOST®


SK 73221-50Z

| PN | DESCRIPTION | SERIES |
|---|---|---|
| **MAJOR REBUILD KIT — COMPLETE TOP PLATE** | | |
| SK 75013-09 | Models JSK37UAB, JSK37USB (35 lb) | Cast Top Plate |
| SK 75013-00 | Models JSK37UAL, JSK37USL (33 lb) | |
| SK 75013-01 | Models JSK37UAR, JSK37USR (33 lb) | |
| SK 75013-16 | Models JSK37UAA, JSK37USA (33 lb) | Air Release Cast Top Plate |
| SK 75013-19 | Model JSK37UWA (33 lb) | |
| SK 75013-34 | Models JSK37YAA, JSK37YAS (53 lb) | Low Lube Cast Top Plate |
| SK 75013-23 | Models JSK37YSA, JSK37YSS (53 lb) | |
| SK 75013-14 | Model JSK37FSL (33 lb) | Fontaine Field Replacement |
| SK 73221-52Z | Model JSK37HSL (33 lb) | SAF Holland Field Replacement |
| **MINOR REBUILD KIT — CUSHION & LOCK JAW** | | |
| SK 73221-50Z | • Ring, Eye Bolt, Lock Jaw Spring, Lock Jaw, Lock Jaw Pivot Pin, Cushion Ring Insert, Cushion Ring Fixture, Lubrication Kit, (4) Socket Head Cap Screws<br>• 6 lb | JSK 37 Series |
| SK 75013-05 | • Cotter Pin, Lock Jaw Spring, Lock Jaw, Lock Jaw Pivot Pin, Wear Ring, (3) Socket Head Cap Screws<br>• 6 lb | JSK 36 Series |
| **MINOR REBUILD KIT — THROAT & LOCK JAW** | | |
| SK 75013-24 | • Cushion Ring Bolt, Cushion Ring, Lock Jaw Pivot Pin, LH Lock Jaw, Lock Jaw Spring, Eye Bolt, Ring, LH & RH Throat Guides, Lubricating Kit<br>• 16 lb | JSK 37 Series |

## REPLACEMENT KITS — JOST®

| PN | DESCRIPTION | WEIGHT |
|---|---|---|
| SK 3106-003* | • Composite Low Lube Plate Replacement Kit<br>• 2 Plates, 12 Bolts | 10 lb |
| SK 79004-01* | • Steel Liner Plate Replacement Kit<br>• 2 Plates, 12 Bolts | 35 lb |

* Fits standard top plates JSK37UWA, JSK37UWB, JSK37UWL & JSK37UWR

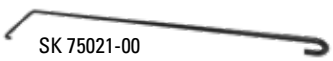
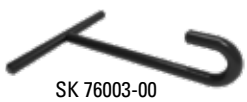
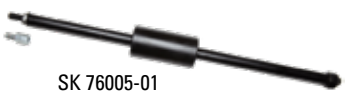
## AIR LINE KITS — JOST®

| | PN | DESCRIPTION | SLIDE TRAVEL | WEIGHT |
|---|---|---|---|---|
| | SK 75002-01 | Complete Air Slide Control and Air Line Kit (Includes: Cab Control Valve, 30' SAE JS44 Type A Nylon Tubing, 90° Fitting, Bulk Head Fitting, Coiled Air Line, and Wire Ties) | 36" or less | 2 lb |
| | SK 75002-04 | | 48" or more | 2 lb |
|  SK 75002-02 | SK 75002-02 | Air Slide and Air Line Kit (Includes: Bulk Head Fitting, Coiled Air Line, Wire Ties) | 36" or less | 2 lb |
| | SK 75002-16 | | 48" or more | 2 lb |
| | SK 75002-12 | Topplate Air Release Air Line Kit (Includes: 30' SAE JS44 Type A Nylon Tubing, 90° Fitting, Bulk Head Fitting, and Coiled Air Line | 5th Wheel Type 36" or less Stationary | 1 lb |
| | SK 75002-15 | | 5th Wheel Type 48" or more | 1 lb |

## AIR COMPONENTS — JOST®

| | PN | DESCRIPTION | WEIGHT |
|---|---|---|---|
|  SK 75015-03 | SK 75015-03 | Sliding Fifth Wheel Air Cylinder | 4 lb |
|  SK 75015-05 | SK 75015-05 | Air Release Top Plate Standard Air Cylinder | 5 lb |
| | SK 75002-05 | Air Release Top Plate Manifold Assembly Kit | 2 lb |

## SERVICE TOOLS — JOST®

| | PN | DESCRIPTION | WEIGHT |
|---|---|---|---|
|  SK 75021-00 | SK 75021-00 | Fifth Wheel Release Hook | 1-1/4 lb |
|  SK 76000-00 | SK 76000-00 | Fifth Wheel Lock Tester | 30 lb |
|  SK 76001-01 | SK 76001-01 | Kingpin Gage | 4-1/2 lb |
|  SK 76001-05 | SK 76001-05 | Upper Coupler Gage | 30 lb |
|  SK 76003-00 | SK 76003-00 | Double Coil Spring Tool | 1/4 lb |
|  SK 76005-01 | SK 76005-01 | Bracket Pin Slide Hammer | 19 lb |

## TOP PLATES MOUNTING OPTIONS — JOST®


Outboard Slider


Inboard Slider


Outboard Flat Plate Mount


Outboard Plate Mount

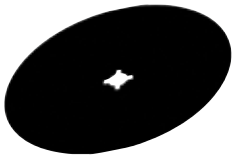

Inboard Angle Mount


Bracket for Angle Mount

## FIFTH WHEEL AIR CYLINDER

| | PN | DESCRIPTION |
|---|---|---|
|  2524P | 2524P | 9-3/8" × 2-3/4" |

## LUBE LINER

| | PN | DESCRIPTION | STANDARD PACK |
|---|---|---|---|
|  SD-003RL | SD-003RL | 32" Slick Disk w/ Ring | 5 |
| | SD-004RL | 24" Slick Disk w/ Ring | 1 |

## KING PINS

| | PN | BOLSTER THICKNESS | REFERENCE PN |
|---|---|---|---|
|  KP-T809F | KP-T809CF | 1/4" | KP20025 |
| | KP-T809EF | 5/16" | KP20031 |
| | KP-T809F | 3/8" | KP20038 |
| | KP-T809BF | 1/2" | KP20050 |

## KING PIN LOCKS

| | PN | DESCRIPTION |
|---|---|---|
| KPL50020  | KPL50020 | King Pin Lock, Assorted Keys |
| | KPL50021K1 | King Pin Lock, Key #1 |
| | KPL50021K2 | King Pin Lock, Key #2 |

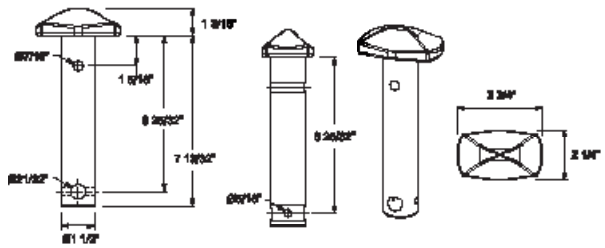
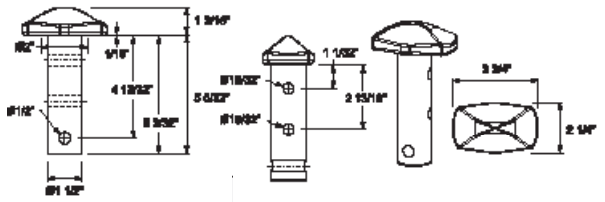
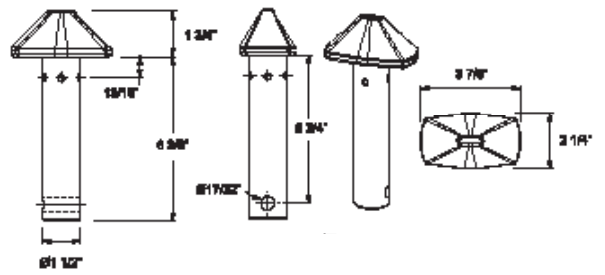
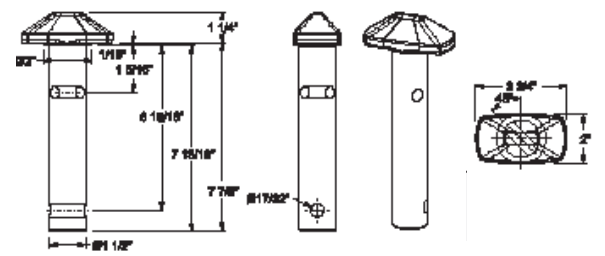
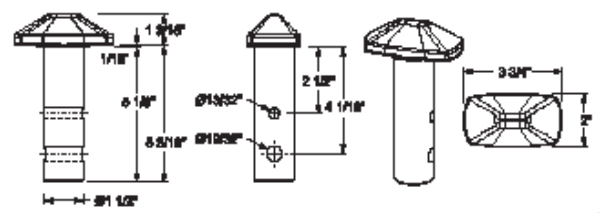
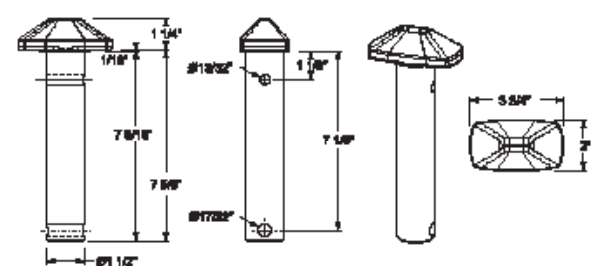
## PINTLE HOOK ASSEMBLIES

| | HOLLAND PN | DESCRIPTION |
|---|---|---|
|  PH-10RN41 | PH-10RP41 | • Rigid Mount<br>• 2,000 lb Max. Vertical Load<br>• 10,000 lb Max. Gross Trailer Weight |
| PH-30RP41  | PH-30RP41 | • Rigid Mount<br>• 6,000 lb Max. Vertical Load<br>• 30,000 lb Max. Gross Trailer Weight |
|  PH-210RN11 | PH-210RN11<br>PH-210RA11 | • Rigid Mount<br>• 18,000 lb Max. Vertical Load<br>• 90,000 lb Max. Gross Trailer Weight<br>• PH-210RN11: w/o Air Chamber / Plunger / Brk<br>• PH-210RA11: w/ Air Chamber / Plunger / Brk |
| PH-410RN11  | PH-410RN11<br>PH-410RA11 | • Rigid Mount<br>• 20,000 lb Max. Vertical Load<br>• 100,000 lb Max. Gross Trailer Weight<br>• PH-410RN11: w/o Air Chamber / Plunger / Brk<br>• PH-410RA11: w/ Air Chamber / Plunger / Brk |
|  PH-760 | PH-760 | • Swivel Mount<br>• 9,800 lb Max. Vertical Load<br>• 49,000 lb Max. Gross Trailer Weight |

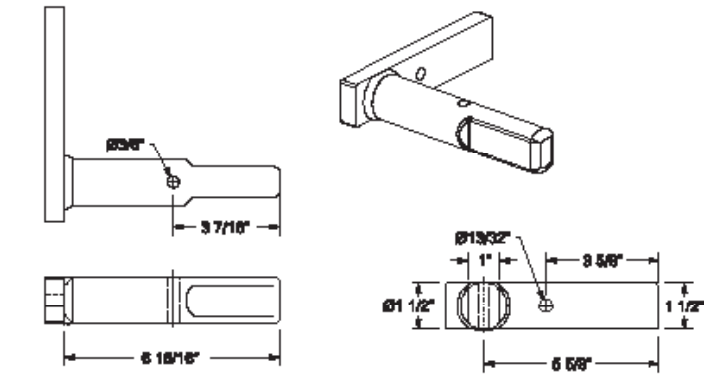
## DRAWBARS

| | HOLLAND PN | DESCRIPTION |
|---|---|---|
|  DB-060FQ1 | DB-060FQ1 | • Rigid Bolt-On<br>• 15,000 lb Max. Vertical Load<br>• 60,000 lb Max. Gross Trailer Weight<br>• Replaces DB-1385 |
| DB-1400  | DB-1400 | • Rigid Mount<br>• 18,000 lb Max. Vertical Load<br>• 90,000 lb Max. Gross Trailer Weight |
|  DB-1249-49 | DB-1249-49 | • Rigid Bolt-On<br>• 9,000 lb Max. Vertical Load<br>• 45,000 lb Max. Gross Trailer Weight |

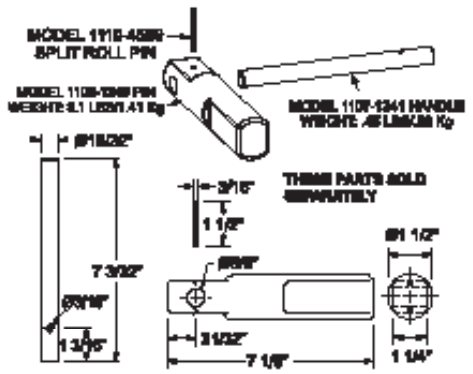
## TWIST LOCKS — PRIMER FINISHED FORGED STEEL

| | REPLACES | CROSS REFERENCE | WEIGHT |
|---|---|---|---|
|  | **PN 1105-1131-2** | | |
| | Penz 15-161-C | Buffers 1101-1131, 1101-1206, 1101-1207 Twistlocks | 4.85 lbs<br>2.2 kg |
|  | **PN 1105-1257-2** | | |
| | Schulz 905,228, 004<br>Penz 15-69 | Buffers 1102-1259, 1102-3229, 1102-3248, Schulz F66, and F77 Twistlocks | 3.80 lbs<br>1.7 kg |
|  | **PN 1105-1321** | | |
| | Westlake 1220-4/5<br>Penz 15-128 | Westlake 85-4 and 85-5 Twistlocks<br>Works w/ Buffers 1107-1300-L/R Handle and 1108-1271 Latch | 5.05 lbs<br>2.29 kg |
|  | **PN 1105-1447** | | |
| | Penz 15-68<br>Schulz 905.177.002 | Schulz F33 Twistlock | 5.2 lbs<br>2.36 kg |
|  | **PN 1105-1450** | | |
| | Penz 15-130 | Penz 90-36/ST and 90-36/H Twistlocks<br>Works w/ Buffers 1107-1400,<br>1107-1647 Handle | 3.7 lbs<br>1.68 kg |
|  | **PN 1105-1452** | | |
| | Penz 15-86 | Penz 90-05 Twistlock<br>Works w/ Buffers 1107-1344 Handle | 5.0 lbs<br>2.27 kg |

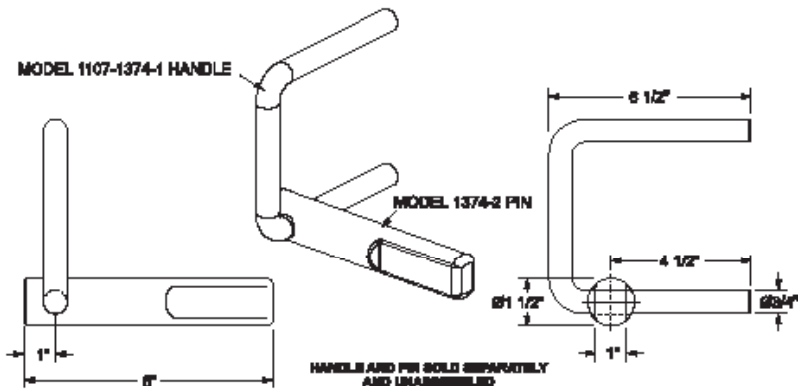
## PINLOCK PINS — PRIMER FINISHED



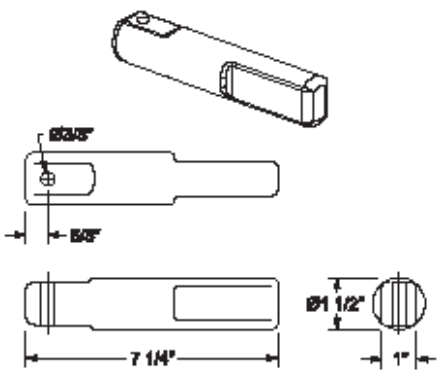

1106-1358




1106-1340




1106-1374-2

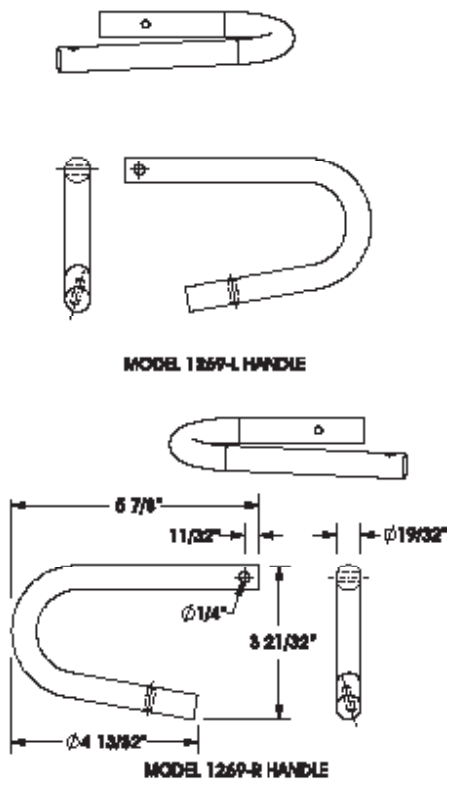


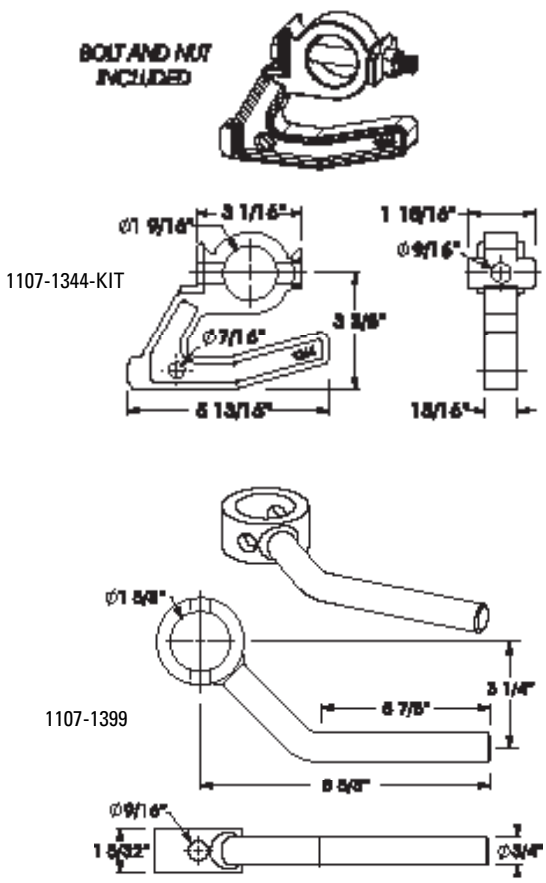

1106-1380

| PN | REPLACES | APPLICATION | WEIGHT |
|---|---|---|---|
| 1106-1358 – Fab Steel | Penz 20-96 | Penz 90-26-XX* Pinlock | 3.6 lbs<br>1.63 kg |
| 1106-1374-2 – Fab Steel | Penz 20-45-1 Handle and<br>20-45-2 Pin | | 3.6 lbs<br>1.63 kg |
| 1106-1380 – Forged Steel | Penz30-21<br>Schultz 905-156-002 | Schultz FB55HL, Penz 90-01-XX* Pinlocks;<br>Works w/ Buffers 1107-1464 Handle | 3.2 lbs<br>1.45 kg |
| 1106-1340 – Forged Steel | Westlake 1305<br>Penz 20-99/10 | Westlake ML90-2/3 Pinlocks;<br>Works w/ Buffers 1107-1341 Handle,<br>1110-4599 Split Roll Pin | 3.1 lb<br>1.41 kg |

* XX = Specify length to find matching Part Number

## HANDLES



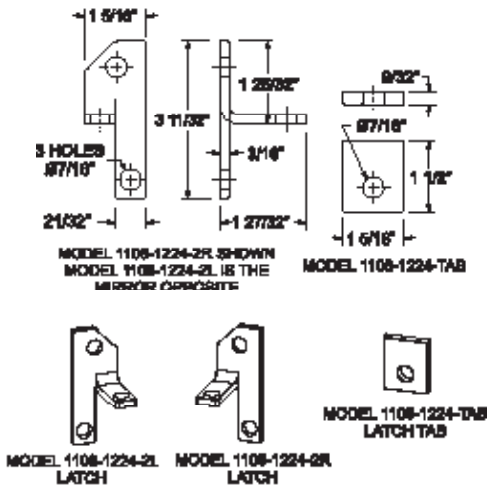




| PN | REPLACES | APPLICATION | MATERIAL | FINISH | WEIGHT |
|---|---|---|---|---|---|
| 1107-1269-L<br>1107-1269-R | Westlake 1222-L/R<br>Penz 20-98-XX* | Westlake ML85-2/3 Twistlock;<br>Works w/ Buffers 1105-1301,<br>1105-2037 Pins, and 1108-1271 Latch | Fab Steel | Zinc Plated | 0.9 lbs |
| 1107-1344-KIT | Penz 20-55<br>Schultz 905.177.003 | Penz 90-05, 90-05/A and 90-06;<br>Works w/ Buffers 1105-1447,<br>Pin and 1108-1345 Latch | Cast Steel | Primer | 2.4 lbs |
| 1107-1399 | Schultz 905-228-100<br>Penz 20-57 pin | Schultz F66 Twistlock | Fab Steel | Zinc Plated | 1.70 lb |

* XX = Specify length to find matching Part Number

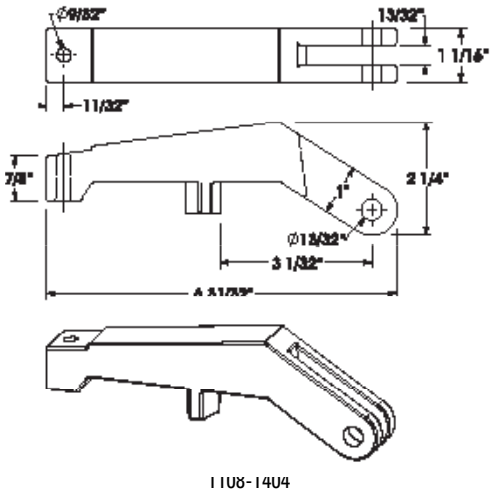
## SAFETY LATCHES

Latches, Tabs, Bolts & Nuts Sold Separately

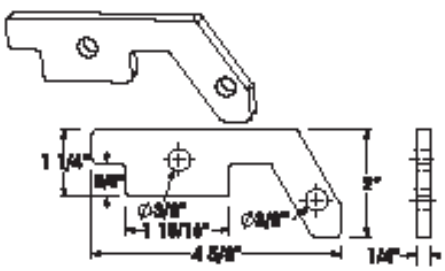



Use w/ Buffers No. 111D-4541 Bolt & 1110-4542 Nut

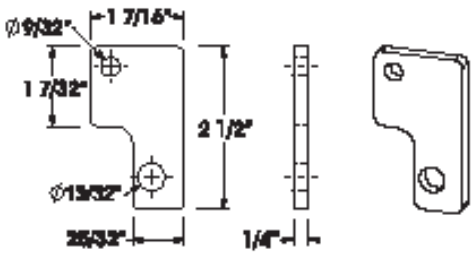
1108-1224-2L/R



1108-1404



1108-1350



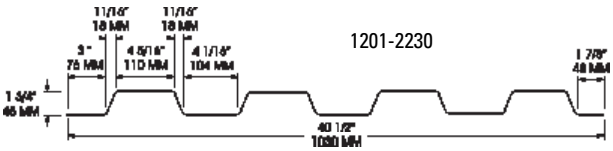
1108-1417-18

| PN | REPLACES | APPLICATION | MATERIAL | FINISH | WEIGHT |
|---|---|---|---|---|---|
| 1108-1224-2L<br>1108-1224-2R | Penz 25-09 Latch and 25-02/H Tab | Most Twistlocks | Fab Steel | Zinc Plated | Latch 0.26 lb<br>Tab 0.13 lb |
| 1108-1350 | Penz 25-11<br>Schultz 905-238-002 | Buffers 1103-1624<br>Schultz FB88<br>Penz 90-31-XX* Pinlocks | Fab Steel | Zinc Plated | 0.25 lb |
| 1108-1404 | Penz 25-05<br>Schultz 905-206-001 | Penz 90-01-XX* and<br>Schultz FB55 Pinlocks | Cast Steel | Primer | 1.9 lb |
| 1108-1417-18 | Penz 25-16 | Buffers 1103-417, 1103-1617<br>Penz 90-19, 90-20, 90-29 Pinlocks | Fab Steel | Zinc Plated | 0.15 lb |

* XX = Specify length to find matching Part Number

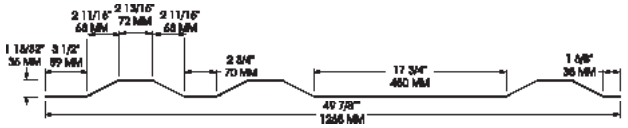
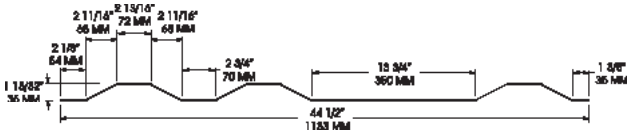
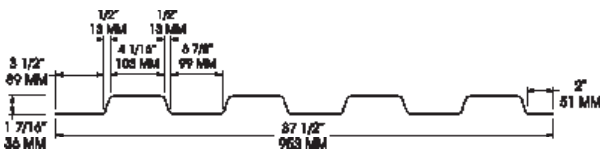
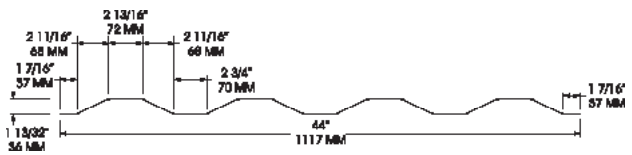
## CONTAINER FRONT PANELS

**Corten Steel, Primer Finish, 1030 mm / 40.5" Wide, 2 mm / 5/64" Thick**

| | PN | REPLACES | LENGTH | WEIGHT |
|---|---|---|---|---|
|  1201-2230 | 1201-2230 | CSP-13-HC | 2700 mm<br>106.25" | 109 lb |
| | 1201-2229 | CSP-13-HC/101.5 | 2580 mm<br>101.50" | 104 lb |

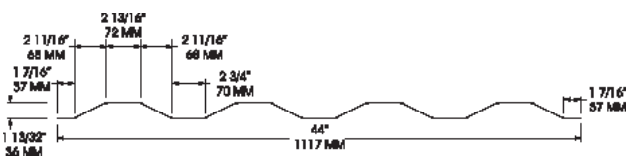
## CONTAINER SIDE PANELS

**Corten Steel, Primer Finish, 2 mm / 5/64" Thick**

| | PN | REPLACES | LENGTH | WIDTH | WEIGHT |
|---|---|---|---|---|---|
|  | 1201-2110 | CPS-14.50-HC | 2692 mm<br>106" | 1268 mm<br>49.875" | 122.5 lb |
|  | 1201-2111 | CPS-14.44-HC | 2743 mm<br>108" | 1133 mm<br>44.50" | 103 lb |
|  | 1201-2112 | CSP-17-HC | 2743 mm<br>108" | 953 mm<br>37.50" | 96 lb |
|  | 1201-2819 | CSP-15-HC/2.0 | 2700 mm<br>106.38" | 1117 mm<br>44" | 110 lb |

## CONTAINER SIDE PANEL

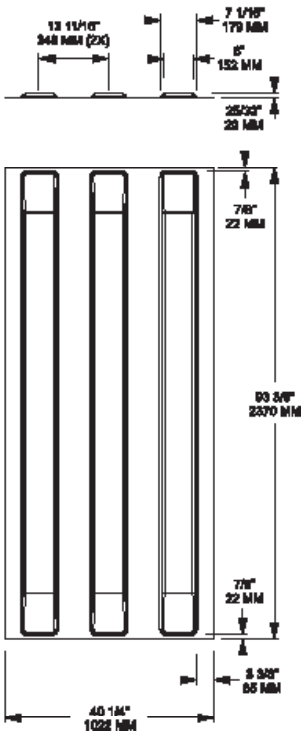
**Corten Steel, Primer Finish, 1.6 mm / 1/16" Thick**

| | PN | REPLACES | LENGTH | WIDTH | WEIGHT |
|---|---|---|---|---|---|
|  | 1201-6399 | CSP-15-HC/1.6 | 2700 mm<br>106.38" | 1117 mm<br>44" | 90 lb |

## ROOF PANELS — PRIMER FINISHED CORTEN STEEL



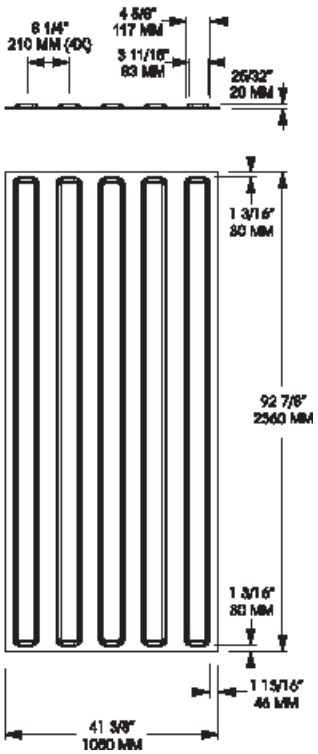

1202-2117




1202-2118




1202-2138




1202-2149

| PN | REPLACES | LENGTH | WIDTH | THICKNESS | WEIGHT |
|---|---|---|---|---|---|
| 1202-2117 | CRP-5 & MTR17AC | 2356 mm 92.75″ | 1045 mm 41.125″ | 2 mm 5/64″ | 91 lb |
| 1202-2118 | CRP-3 | 2370 mm 93.38″ | 1022 mm 40.25″ | 2 mm 5/64″ | 82 lb |
| 1202-2138 | CRP-102/1.6 | 2510 mm 98.81″ | 1050 mm 41.31″ | 1.6 mm 1/16″ | 75 lb |
| 1202-2149 | MTR22CP | 2360 mm 92.88″ | 1050 mm 41.375″ | 2 mm 5/64″ | 91 lb |

## SMALL TRAILER BRAKE PARTS — ELECTRIC BRAKE ASSEMBLIES



K23-106-HDV

| FLEETPRIDE PN | DEXTER CROSS | REDNECK | NUERA | ROCKWELL | HD VALUE DESCRIPTION | SIZE | CAPACITY | SIDE | MOUNT |
|---|---|---|---|---|---|---|---|---|---|
| K23-105-HDV | K23-105-00<br>023-105-00 | EB01-120 | 27-442-ALB | — | EBA 12×2 5.2k LH | 12″ × 2″ | 5.2k | LH | 5 Hole |
| K23-106-HDV | K23-106-00<br>023-106-00 | EB01-125 | 27-443-ALB | — | EBA 12×2 5.2k RH | 12″ × 2″ | 5.2k | RH | 5 Hole |
| K23-180-HDV | K23-180-00<br>023-180-00 | BE12-70L | 27-450-ALB | 4704-L | EBA 12×2 7k LH | 12″ × 2″ | 7k | LH | 5 Hole |
| K23-181-HDV | K23-181-00<br>023-181-00 | BE12-70R | 27-451-ALB | 4704-R | EBA 12×2 7k RH | 12″ × 2″ | 7k | RH | 5 Hole |
| K23-450-HDV | K23-450-00<br>023-450-00 | EB01-140 | 27-448-ALB | 23-195 | EBA 12.25×3.375 9-10k LH | 12-1/4″ × 3-3/8″ | 9-10k | LH | 7 Hole |
| K23-451-HDV | K23-451-00<br>023-451-00 | EB01-145 | 27-449-ALB | 23-196 | EBA 12.25×3.375 9-10k RH | 12-1/4″ × 3-3/8″ | 9-10k | RH | 7 Hole |
| K23-434-HDV* | K23-434-00<br>023-434-00 | EB01-130 | 27-444-1 | 23-97 | EBA 12.25×3.375 8k LH SA | 12-1/4″ × 3-3/8″ | 8k | LH | 4 Hole |
| K23-435-HDV* | K23-435-00<br>023-435-00 | EB01-135 | 27-445-1 | 23-98 | EBA 12.25×3.375 8k RH SA | 12-1/4″ × 3-3/8″ | 8k | RH | 4 Hole |
| K23-26-HDV | K23-026-00<br>023-026-00 | EB01-100<br>BE10-35L | 27-440-ALB | 4701-L | EBA 10×2.25 3.5k LH | 10″ × 2-1/4″ | 3.5k | LH | 4 Hole |
| K23-27-HDV | K23-027-00<br>023-027-00 | EB01-105<br>BE10-35R | 27-441-ALB | 4701-R | EBA 10×2.25 3.5k RH | 10″ × 2-1/4″ | 3.5k | RH | 4 Hole |
| K23-438-HDV | K23-438-00<br>023-438-00 | — | 27-448-3 | — | EBA 12.25×4 10k LH | 12-1/4″ × 4″ | 10k HD | LH | 7 Hole |
| K23-439-HDV | K23-439-00<br>023-439-00 | — | 27-449-3 | — | EBA 12.25×4 10k RH | 12-1/4″ × 4″ | 10k HD | RH | 7 Hole |
| K23-446-HDV | K23-446-00<br>023-446-00 | — | 27-454-1 | 4741-L | EBA 12.25×5 15k LH | 12-1/4″ × 5″ | 15k | LH | 7 Hole |
| K23-447-HDV | K23-447-00<br>023-447-00 | — | 27-455-1 | 4741-R | EBA 12.25×5 15k RH | 12-1/4″ × 5″ | 15k | RH | 7 Hole |
| K23-442-HDV | K23-442-00<br>023-442-00 | EB01-160 | 27-452-1 | 4741-L | EBA 12.25×5 12k LH | 12-1/4″ × 5″ | 12k | LH | 7 Hole |
| K23-443-HDV | K23-443-00<br>023-443-00 | EB01-165 | 27-453-1 | 4741-R | EBA 12.25×5 12k RH | 12-1/4″ × 5″ | 12k | RH | 7 Hole |
| K23-464-HDV* | K23-464-00<br>023-464-00 | EB01-127 | — | 4704-LA | EBA 12×2 7k LH SA | 12″ × 2″ | 7k | LH | 5 Hole |
| K23-465-HDV* | K23-465-00<br>023-465-00 | EB01-128 | — | 4704-RA | EBA 12×2 7k RH SA | 12″ × 2″ | 7k | RH | 5 Hole |
| K23-47-HDV | K23-047-00<br>023-047-00 | EB01-070 | 27-438 | 4740-L | EBA 7×1.25 2k LH | 7″ × 1-1/4″ | 2k | LH | 4 Hole |
| K23-48-HDV | K23-048-00<br>023-048-00 | EB01-075 | 27-439 | 4740-R | EBA 7×1.25 2k RH | 7″ × 1-1/4″ | 2k | RH | 4 Hole |

* Self Adjusting

## SMALL TRAILER BRAKE PARTS — HUB & DRUM SETS



008-219-4-HDV

| FLEETPRIDE PN | DEXTER CROSS | REDNECK | NUERA | ROCKWELL | HD VALUE DESCRIPTION | SIZE | CAPACITY | STUDS | BOLT CIRCLE | SEAL |
|---|---|---|---|---|---|---|---|---|---|---|
| 008-219-4-HDV | 008-219-04 | 42866 | 27-301-B-ALB | 922865A-1 | H&D 12″ 7k 8×6.5 H 2.125″ S 1/2″B | 12″ | 7k | 8, 1/2″ | 6 1/2″ | 2.125″ |
| 008-219-13-HDV | 008-219-13 | — | — | — | H&D 12″ 7k 8×6.5 H 2.125″ S 9/16″B | 12″ | 7k | 8, 9/16″ | 6 1/2″ | 2.125″ |
| 008-247-5-HDV | 008-247-05 | 85456 | 27-290-B-ALB | 94545-1 | H&D 10″ 3.5k 5×4.5 H 1.718″ S | 10″ | 3.5k | 5 | 4 1/2″ | 1.718″ |
| 008-201-5-HDV | 008-201-05 | — | 27-300-B-ALB | — | H&D 12″ 5.2k 6×5.5 H 2.125″ S | 12″ | 5.2k | 6 | 5 1/2″ | 2.125″ |
| 008-201-9-HDV | 008-201-09 | 42656 | 27-305-B-ALB | 92655-1 | H&D 12″ 6K 6×5.5 H 2.125″ S | 12″ | 6K | 6 | 5 1/2″ | 2.125″ |

## SMALL TRAILER BRAKE PARTS — DRUMS

| FLEETPRIDE PN | DEXTER CROSS | REDNECK | NUERA | ROCKWELL | HD VALUE DESCRIPTION | SIZE | CAPACITY | STUDS | BOLT CIRCLE |
|---|---|---|---|---|---|---|---|---|---|
| 009-27-1-HDV | 009-027-01 | — | 27-315 | — | Drum 12.25×4 10k 8×7.5 H | 12-1/4″ × 4″ | 10k HD | 8 | 7 1/2" |
| 009-28-1-HDV | 009-028-01 | — | 27-315-2 | — | Drum 12.25×5 12-15k 8×7.5 H | 12-1/4″ × 5″ | 12-15k HD | 8 | 7 1/2" |

## TAILGATE CYLINDERS — 2-1/2" DIAMETER



100122P

| | POWER PRODUCTS PN | DESCRIPTION | RETRACTED LENGTH | EXTENDED LENGTH | VLV CROSS |
|---|---|---|---|---|---|
| | 100122P | 4" Stroke | 9-3/8" | 13-3/8" | 100122 |
| | 100123P | 6" Stroke | 11-3/8" | 17-3/8" | 100123 |
| | 100124P | 8" Stroke | 13-3/8" | 21-3/8" | 100124 |

## TAILGATE & HI-LIFT CYLINDERS



C-6059-E-PK

| | PN | DESCRIPTION | TYPE | RETRACTED | EXTENDED |
|---|---|---|---|---|---|
| | C-5026S-PK | 2.5 × 6 Tailgate | Tie Rod | 12.50" | 18.50" |
| | C-5063-PK | 2.5 × 6 Tailgate | Tie Rod | 14 40" | 20.40" |
| | C-5070S | 2.5 × 8 Tailgate | Tie Rod | 13.87" | 21.87" |
| | C-5180S-PK | 2.5 × 4 Tailgate | Tie Rod | 10.48" | 14.48" |
| | C-6009-PK | 3.5 × 8 Tailgate | Tie Rod | 17.50" | 25.50" |
| | C-6011-PK | 3.5 × 8 Tailgate | Tie Rod | 16.70" | 24.70" |
| | C-6059-E-PK | 3.5 × 8 Tailgate | Tie Rod | 16.00" | 24.00" |
| | C-6059-PK | 3.5 × 8 Tailgate | Tie Rod | 16.00" | 24.00" |
| | C-7421-PK-M | 4 × 20 Hi-Lift | Tie Rod | 29.50" | 49.50" |
| | C-7424-PK-M | 4 × 24 Hi-Lift | Tie Rod | 34.70" | 58.70" |
| | C-0424-PK-M | 4 × 24 Hi-Lift | Round | 35.75" | 59.75" |
| | C-0428-FC | 4 × 28 Hi-Lift | Round | 39.18" | 67.18" |
| | C-0429-FC-PK-1 | 4 × 29 Hi-Lift | Round | 39.50" | 68.50" |
| | C-0430-PK-1 | 4 × 30 Hi-Lift | Round | 41.25" | 71.25" |
| | C-0410-SR | 4 × 4.6 SR TR (MGM) | Round | 22.81" | 27.41" |

PK = Pin and Devis // M = Muffler // FC= Flow Control // E = Electric Solenoid // -1= 1" pins // TR = Trunion Mount

## TRAILER REPAIR



49280

| PN | DESCRIPTION | COLOR | SIZE | CONTAINER | BRAND |
|---|---|---|---|---|---|
| **CAULK** | | | | | |
| 49294 | Ind Grade RTV Silicone Sealant | Clear | 11 oz | Cartridge | Dynatex |
| 49281 | Ind Grade RTV Silicone Sealant | Grey | 11 oz | Cartridge | Dynatex |
| 49285 | Ind Grade RTV Silicone Sealant | White | 11 oz | Cartridge | Dynatex |
| **SEALANTS** | | | | | |
| 6324† | North America's Premier Adhesive/Sealant | White | 11 oz | Cartridge | Silaprene |
| 6325† | North America's Premier Adhesive/Sealant | Gray | 11 oz | Cartridge | Silaprene |
| 6328† | North America's Premier Adhesive/Sealant | Super White | 11 oz | Cartridge | Silaprene |
| 49390† | GTX Multi-Seal Adhesive/Sealant | Black | 11 oz | Cartridge | Dynatex |
| 49391† | GTX Multi-Seal Adhesive/Sealant | Grey | 11 oz | Cartridge | Dynatex |
| 49392† | GTX Multi-Seal Adhesive/Sealant | White | 11 oz | Cartridge | Dynatex |
| **ROOF REPAIR** | | | | | |
| 640† | Roof Sealant Trowelable | Alum | Gallon | Pail | Vulkem |
| SG1G† | Roof Sealant Brushable | Alum | Gallon | Pail | Seal-Gap |

## ALUMINUM REPAIR TAPE


SST-3302-4

| PN | DESCRIPTION | SIZE | COLOR |
|---|---|---|---|
| SST-3302-4 | Aluminum Repair Tape 33 mil | 4″ × 33′ | Silver |
| SST-3302-4-W | White Aluminum Repair Tape 33 mil | 4″ × 50′ | White |
| SST-3302-6 | Aluminum Repair Tape | 6″ × 33′ | Silver |

† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

# Hydraulics & PTO

19

## HYDRAULIC GEAR PUMPS & MOTORS

Our PDC Hydraulic Gear Pump Build Center provides custom assembled and tested Permco bearing and bushing pumps. You supply the pump or motor configuration and we will build it for you in 24–48 hours or less. Some orders are shipped the same day. Contact your PDC Sales Rep for details.





**PUMP BUILD CENTER**

- ☑ Custom Ported
- ☑ Assembled
- ☑ Tested
- ☑ Serialized
- ☑ Painted
- ☑ Boxed

## SAME DAY PUMP SHIPPING!

• Singles • Tandems • Triples • Bearing • Bushing



Extensive Inventory



Custom Porting



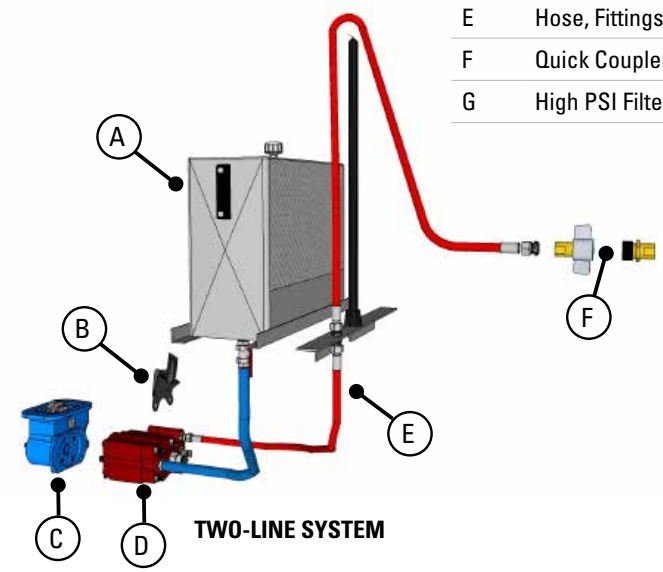
Test Bench



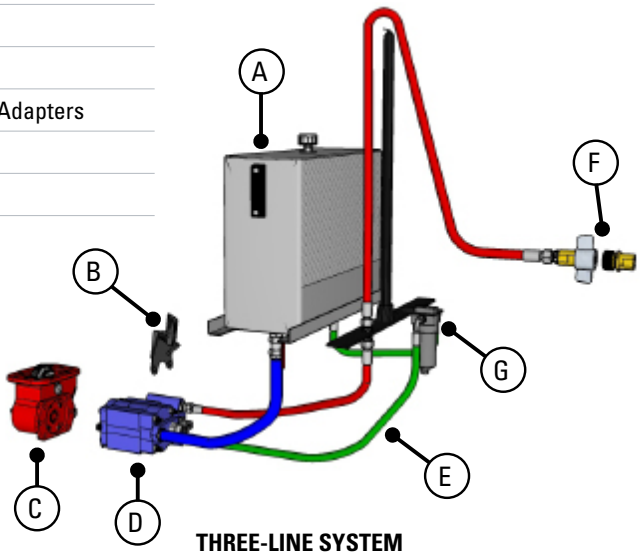
## DUMP SYSTEM

### Standard Dump Truck or End Dump

| TYPICAL SYSTEM COMPONENTS | |
|---|---|
| A | Reservoir |
| B | Mounting Bracket |
| C | PTO |
| D | Pump |
| E | Hose, Fittings, Adapters |
| F | Quick Coupler |
| G | High PSI Filter |




**TWO-LINE SYSTEM**




**THREE-LINE SYSTEM**

- Longer pump life
- Ability to filter oil
- Less heat build-up

| | APPLICATION | PTO |
|---|---|---|
| **INSTRUCTIONS: First, find your transmission and then select the corresponding PTO.** | **FULL-26:** TO-955LL, RTO(F)(X)-909A, 958LL, 1258LL, 9509A, 10710B, 10910B, 11509, 11608LL, 11609A, 11708LL, 11710B, 11908LL, 12509, 12609A, 12710B, 12910B, 13609A, 13710B, 12910B, 14608LL, 14609A, 14708LL, 14709A, 14710B, 14908LL, 14910B, 15708LL, 15710B, 16710B, 16908LL, 16910B, 18910B (This application page also applies to models with RTX and RTOF prefixes and Models with AS2 suffix) Footnote (7). *See Muncie QR catalog page FULL-26 for additional information.* | ***TG8SU6806A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 113%<br>Stud Kit: Included with PTO |
| | **FULL-30:** RTO-9509B, 11609B, 11609H, 11709B, 11709H, 11710C, 12609B, 12609H, 12709H, 12710C, 13609B, 13609H, 13709H, 13710C, 14609B, 14609H, 14610C, 14709H, 14610C, 14710C (AS2), 14910C, 15710C, 16709B, 16709H, 16710C, 16910C, 11709MLL, 11909ALL, 11909MLL, 14709MLL, 14909MLL, 16909ALL, RTLO-12713A, 12913A, 14913A, 16913A, RTOO-9513, 11613, 14613 (This application page also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9). *See Muncie QR catalog page FULL-30 for additional information.* | ***TG8SU6807A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 112%<br>Stud Kit: Included with PTO |
|  <br>Power Take Off | **FULL-38:** FR-9210A, FRO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 17210C, 18210C, RTO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 11210R, 12210R, 13210R, 14210R Footnote (1, 9). *See Muncie QR catalog page FULL-38 for additional information.* | ***TG8BU6807A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 118% |
| | **FULL-43:** RRTAO-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTAO-10710C-AS, 12710C-AS, 14710C-AS, 16710C-AS, RTLC-16609E, RTLC-16613E, RTOC-16909A, RTOC-16913A, RTLO-14713A-T2, 14718B-T2, RTLO-14918A-AS2, RTLO-14918B(T2)(AS), RTLO16713A-T2, RTLO16718B-T2, RTLO-16918A-AS2, RTLO-16918B(T2)(AS), RTLO-18718B-T2, 18913A-T2, RTLO-18918A-AS2, RTLO-18918B(T2)(AS), RTLO-20718B-T2, RTLO-20913A, RTLO-20918A-AS2, RTLO-20918B(T2)(AS), RTLO-22918B-AS (This application also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9, 11). *See Muncie QR catalog page FULL-43 for additional information.* | ***TG8SU6807A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 112%<br>Stud Kit: Included with PTO |

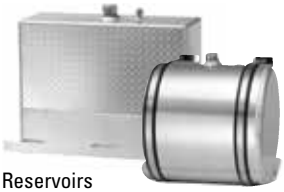
| | | |
|---|---|---|
| **Engine RPM vs Pump Flow Rate (GPM)** | 750 rpm Engine = 21 gpm<br>1000 rpm Engine = 29 gpm<br>1500 rpm Engine = 43 gpm | Other PTO Options available. Contact your local FleetPride location for assistance. |

* Can use PTO with shift type"P" if air valve is not required.

## DUMP SYSTEM, continued



Pump



Reservoirs



Shift Tower



Hydraulic Hose Kit



Quick Couplers



Return Line Filters




Hydraulic Fluid

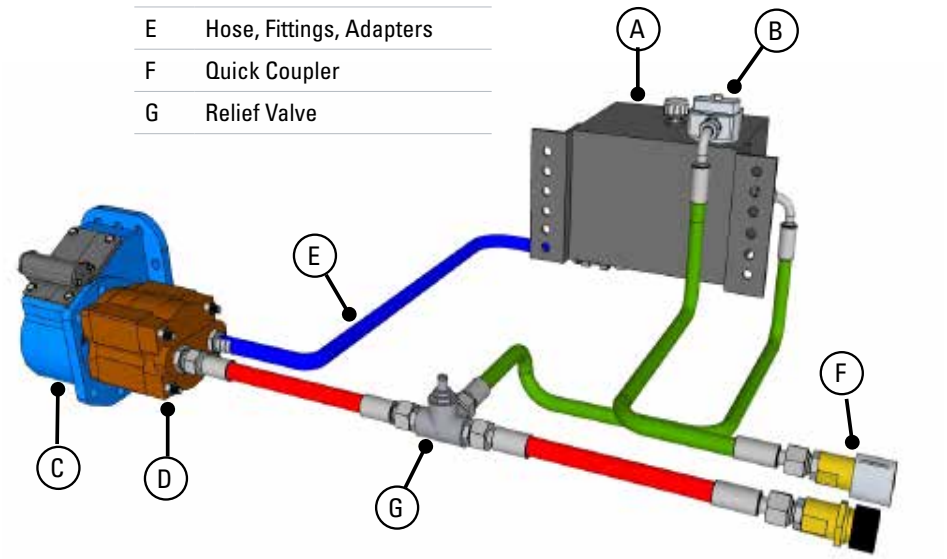
| PN | DESCRIPTION |
|---|---|
| **PUMP** | |
| VPC10225ZLAS25 | 2-1/2" Gear / CCW, 3-Line Sleeve, Ext Studs, Air Shift |
| **RESERVOIR** | |
| 50AURSG | 50 gal / Upright, Alum, Site Glass |
| 50ASMSSSG | 50 gal / Saddle, Alum, Stainless Straps, Site Glass |
| **SHIFT TOWER** | |
| VPHV | Hoist Valve w/ Push To Connect Fittings |
| VPHPV | PTO/Dump Combo Valve |
| VPHPVC8 | PTO/Dump Combo w/ 8" Console |
| VPHPVCT8 | PTO/Dump Combo w/ 8" Console & Tubing |
| **PUMP BRACKET** | |
| PB10 | Bracket to Support Pump to Transmission |
| **HYDRAULIC HOSE KIT (2 OR 3 LINE)** | |
| WLHK12123L | 12' psi, 12' Suction, 1" Wing QD Set |
| WLHK16243L | 16' psi, 24' Suction, 1" Wing QD Set |
| **QUICK COUPLERS** | |
| HQD5100C16 | 1" NPT Wing Coupler |
| HQD5100N16 | 1" NPT Wing Nipple |
| HQD510016CAP | 1" NPT Wing Cap |
| HQD510016PLUG | 1" NPT Wing Plug |
| HQD5100C20 | 1-1/4" NPT Wing Coupler |
| HQD5100N20 | 1-1/4" NPT Wing Nipple |
| **RETURN LINE FILTER** | |
| AA6280 | Filter Element |
| AB8584 | Filter Head, 1-1/4 NPT |
| **ACCESSORIES** | |
| 925 | 1" X 1-1/4" Hose Bracket |
| 925006 | Filter Bracket for 925 Hose Bracket |
| 179050GALKIT | No Drill Bracket for Upright Reservoirs |
| **HYDRAULIC FLUID** | |
| VPHF465G | AW46 (20W) / 5 gal |
| VPHF325G | AW32 (10W) / 5 gal |
| VPHF685G | AW68 (20W) / 5 gal |
| VPHF6855G | AW68 (20W) / 55 gal |

## SIDE DUMP



### Sidump'r & Circle R

| TYPICAL SYSTEM COMPONENTS | |
|---|---|
| A | Reservoir |
| B | Filter |
| C | PTO |
| D | Pump |
| E | Hose, Fittings, Adapters |
| F | Quick Coupler |
| G | Relief Valve |




| | APPLICATION | PTO |
|---|---|---|
| **INSTRUCTIONS: First, find your transmission and then select the corresponding PTO.** | **FULL-26:** TO-955LL, RTO(F)(X)-909A, 958LL, 1258LL, 9509A, 10710B, 10910B, 11509, 11608LL, 11609A, 11708LL, 11710B, 11908LL, 12509, 12609A, 12710B, 12910B, 13609A, 13710B, 12910B, 14608LL, 14609A, 14708LL, 14709A, 14710B, 14908LL, 14910B, 15708LL, 15710B, 16710B, 16908LL, 16910B, 18910B (This application page also applies to models with RTX and RTOF prefixes and Models with AS2 suffix) Footnote (7). *See Muncie QR catalog page FULL-26 for additional information.* | ***TG8SU6807A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 134%<br>Stud Kit: Included with PTO |
| | **FULL-30:** RTO-9509B, 11609B, 11609H, 11709B, 11709H, 11710C, 12609B, 12609H, 12709H, 12710C, 13609B, 13609H, 13709H, 13710C, 14609B, 14609H, 14610C, 14709H, 14610C, 14710C (AS2), 14910C, 15710C, 16709B, 16709H, 16710C, 16910C, 11709MLL, 11909ALL, 11909MLL, 14709MLL, 14909MLL, 16909ALL, RTLO-12713A, 12913A, 14913A, 16913A, RTOO-9513, 11613, 14613 (This application page also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9). *See Muncie QR catalog page FULL-30 for additional information.* | ***TG8SU6809A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 143%<br>Stud Kit: Included with PTO |
| | **FULL-38:** FR-9210A, FRO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 17210C, 18210C, RTO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 11210R, 12210R, 13210R, 14210R Footnote (1, 9). *See Muncie QR catalog page FULL-38 for additional information.* | ***TG8BU6808A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 145% |
|  <br>Power Take Off | **FULL-43:** RRTAO-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTAO-10710C-AS, 12710C-AS, 14710C-AS, 16710C-AS, RTLC-16609E, RTLC-16613E, RTOC-16909A, RTOC-16913A, RTLO-14713A-T2, 14718B-T2, RTLO-14918A-AS2, RTLO-14918B(T2)(AS), RTLO16713A-T2, RTLO16718B-T2, RTLO-16918A-AS2, RTLO-16918B(T2)(AS), RTLO-18718B-T2, 18913A-T2, RTLO-18918A-AS2, RTLO-18918B(T2)(AS), RTLO-20718B-T2, RTLO-20913A, RTLO-20918A-AS2, RTLO-20918B(T2)(AS), RTLO-22918B-AS (This application also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9, 11). *See Muncie QR catalog page FULL-43 for additional information.* | ***TG8SU6809A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 143%<br>Stud Kit: Included with PTO |

| | | |
|---|---|---|
| **Engine RPM vs Pump Flow Rate (GPM)** | 750 rpm Engine = 12 gpm<br>1000 rpm Engine = 16 gpm<br>1500 rpm Engine = 25 gpm | Other PTO Options available. Contact your local FleetPride location for assistance. |

* Can use PTO with shift type"P" if air valve is not required.

## SIDE DUMP, continued

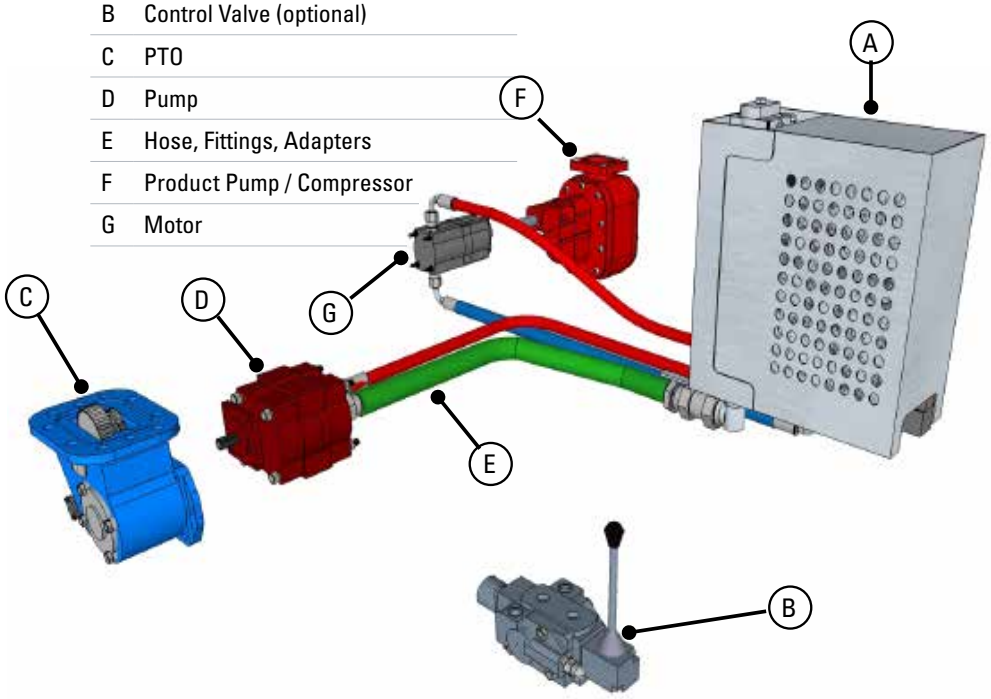
| | PN | DESCRIPTION |
|---|---|---|
|  Pump | **PUMP** | |
| | P2100A290MDXK1514 | 3in3, 2/4 B, 7/8-13 Spline, BiRot NPT |
| | **RESERVOIR** | |
|  Reservoir | A3150 | 15 gal, Side, Steel, Site Glass |
| | A3250 | 25 gal, Side, Steel, Site Glass |
| | **RELIEF VALVE** | |
|  Relief Valve | AZ5514J10030 | 1" NPT, 3000 psi |
| | **HYDRAULIC FLUID** | |
|   Hydraulic Fluid | VPHF465G | AW46 (20W) / 5 gal |
| | VPHF325G | AW32 (10W) / 5 gal |
| | VPHF685G | AW68 (20W) / 5 gal |
| | VPHF6855G | AW68 (20W) / 55 gal |

## BULK LIQUID



### Blackmer, Roper & Ranger Product Pumps

| TYPICAL SYSTEM COMPONENTS | |
|---|---|
| A | Cooler Assembly: Reservoir, Filter, Relief Valve, Heat Exchanger and Fan |
| B | Control Valve (optional) |
| C | PTO |
| D | Pump |
| E | Hose, Fittings, Adapters |
| F | Product Pump / Compressor |
| G | Motor |




| | APPLICATION | PTO |
|---|---|---|
| **INSTRUCTIONS: First, find your transmission and then select the corresponding PTO.** | **FULL-26:** TO-955LL, RTO(F)(X)-909A, 958LL, 1258LL, 9509A, 10710B, 10910B, 11509, 11608LL, 11609A, 11708LL, 11710B, 11908LL, 12509, 12609A, 12710B, 12910B, 13609A, 13710B, 12910B, 14608LL, 14609A, 14708LL, 14709A, 14710B, 14908LL, 14910B, 15708LL, 15710B, 16710B, 16908LL, 16910B, 18910B (This application page also applies to models with RTX and RTOF prefixes and Models with AS2 suffix) Footnote (7). *See Muncie QR catalog page FULL-26 for additional information.* | ***TG8SU6808A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 164%<br>Stud Kit: Included with PTO |
| | **FULL-30:** RTO-9509B, 11609B, 11609H, 11709B, 11709H, 11710C, 12609B, 12609H, 12709H, 12710C, 13609B, 13609H, 13709H, 13710C, 14609B, 14609H, 14610C, 14709H, 14610C, 14710C (AS2), 14910C, 15710C, 16709B, 16709H, 16710C, 16910C, 11709MLL, 11909ALL, 11909MLL, 14709MLL, 14909MLL, 16909ALL, RTLO-12713A, 12913A, 14913A, 16913A, RTOO-9513, 11613, 14613 (This application page also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9). *See Muncie QR catalog page FULL-30 for additional information.* | ***TG8SU6812A1KH**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 176%<br>Stud Kit: Included with PTO |
|  <br>Power Take Off | **FULL-38:** FR-9210A, FRO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 17210C, 18210C, RTO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 11210R, 12210R, 13210R, 14210R Footnote (1, 9). *See Muncie QR catalog page FULL-38 for additional information.* | ***TG8BU6809A1KX**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 151% |
| | **FULL-43:** RRTAO-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTAO-10710C-AS, 12710C-AS, 14710C-AS, 16710C-AS, RTLC-16609E, RTLC-16613E, RTOC-16909A, RTOC-16913A, RTLO-14713A-T2, 14718B-T2, RTLO-14918A-AS2, RTLO-14918B(T2)(AS), RTLO16713A-T2, RTLO16718B-T2, RTLO-16918A-AS2, RTLO-16918B(T2)(AS), RTLO-18718B-T2, 18913A-T2, RTLO-18918A-AS2, RTLO-18918B(T2)(AS), RTLO-20718B-T2, RTLO-20913A, RTLO-20918A-AS2, RTLO-20918B(T2)(AS), RTLO-22918B-AS (This application also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9, 11). *See Muncie QR catalog page FULL-43 for additional information.* | ***TG8SU6812A1KH**<br>2/4 B Mount, 7/8-13 Spline, Air Shift<br>RATIO: 176%<br>Stud Kit: Included with PTO |
| **Engine RPM vs Pump Flow Rate (GPM)** | 1000 rpm ENG = 18 gpm (Typically used with Char Lynn 6.2in3 Motor to equal 650 rpm)<br>Other PTO Options available. Contact your local FleetPride location for assistance. | |

* Can use PTO with shift type"P" if air valve is not required.

## BULK LIQUID, continued

| | PN | DESCRIPTION |
|---|---|---|
|  Pump  Hydraulic Fluid | **PUMP** | |
| | P2100A290MDXK1514 | 3in3, 2/4 B, 7/8-13 Spline, BiRot NPT |
| | **HYDRAULIC FLUID** | |
| | VPHF465G | AW46 (20W) / 5 gal |
| | VPHF325G | AW32 (10W) / 5 gal |
| | VPHF685G | AW68 (20W) / 5 gal |
| | VPHF6855G | AW68 (20W) / 55 gal |

## COMMON SYSTEM QUESTIONS

Use the questions below to properly design your hydraulic system.

| | | |
|---|---|---|
| 1 | Make & Model of Truck: | |
| 2 | Transmission Make & Model | |
| 3 | Application | Blackmer, Roper/Ranger, Vacuum, Compressor, or Blower |
| 4 | Application | Speed and HP |
| 5 | Hydraulic requirements | Flow and PSI |
| 6 | Engine speed range when hydraulic system is operating | |
| 7 | Does engine have electronic cruise control for PTO mode | Mechanical or Clutch Shift |
| 8 | Type of PTO | Mechanical or Clutch Shift |
| 9 | How will PTO be shifted | Air, Cable, Electric or Hydraulic |
| 10 | Does truck have PTO air shift lever installed from the factory | Yes or No |
| 11 | Where will PTO be mounted on transmission | Left side, Right side or Bottom |
| 12 | Cooler assembly fan type | Electric or Hydraulic |
| 13 | Cooler assembly mounting location | Frame rail or Behind the cab |
| 14 | Does the customer need hydraulic oil | Yes or No |

## 6 & 8 BOLT POWER TAKE-OFFS

Muncie Power Products offer 6 and 8 bolt power take-offs in several different series. These PTOs can be configured to meet the torque and horsepower requirements of most applications, and are available in mechanical or clutch shift.



TG Series



SH Series



82 Series



CS6/8 Series

### TG SERIES
**MECHANICAL SHIFT PTO**

As the most versatile and widely used double gear type PTO in the industry, the TG Series is available with 10 speed ratios, 19 shift types, 19 output shaft options and input gears for all popular transmissions.

| | |
|---|---|
| Max Torque | 285 lbs / ft |
| Max HP (@1000 rpm) | 54 hp |

### SH SERIES
**MECHANICAL SHIFT PTO**

Created to fill the gap between the TG and 82 Series, the SH Series is an air shift only PTO designed for high torque applications.

| | |
|---|---|
| Max Torque | 400 lbs / ft |
| Max HP (@1000 rpm) | 76 hp |

### 82 SERIES
**MECHANICAL SHIFT PTO**

Built for high torque and heavy duty requirements, the 82 Series PTO features a lever or air shift cast iron housing and a single or dual optional hydraulic pump mount.

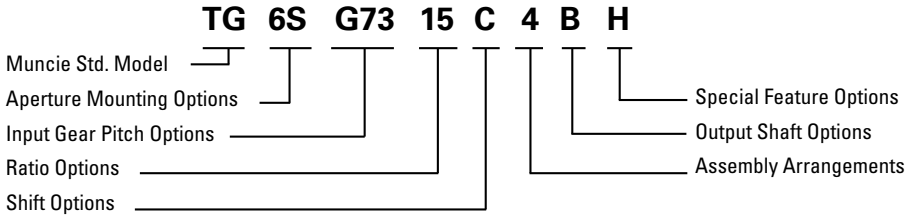
| | |
|---|---|
| Max Torque | 500 lbs / ft |
| Max HP (@1000 rpm) | 95 hp |

### CS6/8 SERIES
**CLUTCH SHIFT PTO**

Designed to work on Allison® 1000 and 2000 series automatics and many other current manual transmissions, the CS6/8 Series PTOs offer direct mount pump options and a drag brake. Upgrading to a multi-disk clutch brake allows for absolute shaft stoppage.

| | |
|---|---|
| Max Torque | 350 lbs / ft |
| Max HP (@1000 rpm) | 67 hp |

### MODEL NUMBER CONSTRUCTION



## 10 BOLT POWER TAKE-OFFS

Muncie Power Products line of 10 bolt power take-offs includes clutch shift or constant drive options and is compatible with Allison World and Caterpillar transmissions. Designed for the heavy duty requirements of today's equipment, our line of 10 bolt PTOs has you covered with a comprehensive range of speed, torque and output options.



CS24/25 Series



82 Series



CS6/8 Series

### CS24/25 SERIES
**CLUTCH SHIFT PTO**

Designed with the same technology as the CS10 Series, the CS24 Series PTO is 20 percent smaller. CS PTOs are engaged by means of a direct mounted solenoid, which activates an internal wet clutch pack. With this feature, installation is made simple with a single hose connection.

| | |
|---|---|
| Max Torque | 325 lbs / ft |
| Max HP (@1000 rpm) | 62 hp |

### CS40/41 SERIES
**CLUTCH SHIFT PTO**

For max power from an Allison 3000 or 4000 and Caterpillar CX transmission, the CS41 Series PTO is an ideal option. Constructed with the widest gears possible, the CS41 is built for maximum strength, noise reduction, durability and the highest output torque rating available.

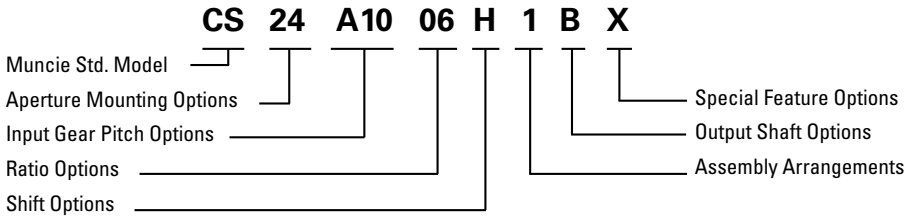
| | |
|---|---|
| Max Torque | 600 lbs / ft |
| Max HP (@1000 rpm) | 114 hp |

### CS10/11 SERIES
**CLUTCH SHIFT PTO**

Constructed with large gears, the CS10 Series PTO is built for heavy duty applications. The CS10 features a drag brake and an output shaft designed around popular hydraulic pumps. For a more compact installation, the CS11 is a remotely mounted solenoid option.

| | |
|---|---|
| Max Torque | 500 lbs / ft |
| Max HP (@1000 rpm) | 95 hp |

## MODEL NUMBER CONSTRUCTION



## THE QUIET PTO SOLUTION FOR FORD

Muncie Power Products' quiet FR6Q Series power take-off is designed to fit Ford Super Duty trucks, F-350 to F-550 (may also be used on F-650 – F-750), with the Ford 6R140 transmission. Featuring the latest in noise reduction technology, the FR6Q encompasses a patent-pending noise abatement mechanism that eliminates virtually all gear rattle noise for a quiet power take-off.

- Fits Ford Super Duty trucks w/ Ford 6R140 transmission, primarily F-350 – 550 (may also be used on F-650 – 750)
- Noise abatement mechanism eliminates virtually all gear rattle noise
- Available with Muncie Start®

| | MAX TORGUE | MAX HP (@ 1,000 RPM) | WEIGHT |
|---|---|---|---|
|  FR6Q | Intermittent: 200 lb ft (271 nm) | Intermittent: 39 HP (29 kW) | 35 lb (15.9 kg) |
| | Continuous: 140 lb ft (190 nm) | Continuous: 27 HP (20 kW) | |

## Compatible Pump Options for the FR6Q



F Series*



W Series



H Series



K Series

### F SERIES

Ultimate power and performance in a small package best describes the F Series gear pump. The pressure-balanced bushing blocks and sleeve bearings provide both extra-long life and high performance.

* Both the "N" and "T" mount applications shown for the FR6Q and FR66.

### W SERIES

The W Series, an Optimum Series gear pump/motor, features a robust design for long life and maintained performance. All standard "W" displacements are available for the FR6Q and FR66 "Q" mount standard SAE "A" 2-bolt mounting and a 7/8" - 13T splined shaft on F-650 – 750 applications.

Note: Use W Series pumps on F-650, F-750 chassis only.

### H SERIES

The H Series pump rear cover allows for optimum compatibility with the FR6Q and FR66 "Q" mount applications. Enhanced design features include elimination of side ports and removal of nearly 1/2" of material from the suction side of the housing, providing increased clearance of the floorboard. All standard H Series displacements will be available for the FR6Q and FR66 "Q" mount applications and come standard with a SAE "A" 2-bolt mounting flange and 7/8" - 13T splined shaft.

Note: Use H Series pumps on 4×2 chassis applications only.

### K SERIES

The K Series standard gear housing will be replaced with the S Series gear housing for use on the FR6Q and the FR66 "Q" mount applications. Elimination of side ports on the S Series gear housing significantly reduces the overall width of the pump, providing increased clearance of the floorboard.

6, 13 and 17 GPM K Series models are available for the FR6Q and FR66 "Q" mount applications due to the limited number of S Series displacements. Each unit comes standard with a SAE "A" 2-bolt mounting flange and 7/8" - 13T splined shaft.

Note: Use K Series pumps on 4×2 chassis applications only.

## MECHANICAL & HOT-SHIFTED UNITS

CHELSEA®

Mechanical shifted power take-offs such as the 442 Series family is engineered to work with virtually all existing transmission applications today. There are many advantages to these units including a removable shift cover to establish correct backlash during installation, greaseable output shafts that help solve fretting corrosion problems, and a positive shift engagement.

With a wide selection of shift, speed ratios, and output options that can be easily converted to meet your needs, these units are true workhorses for most vehicle applications either with air brakes or without, manual or automatic transmissions.

### 442 / 489 Series



442 Series



489 Series

- Model 442 is a 6-bolt PTO; Model 489 is an 8-bolt PTO
- Both PTOs are engineered to work with virtually all existing transmission applications
- Economical workhorse features a cast iron housing
- Tapered cone bearings for high torque rating and long service life
- Slip fit idler pin for easy interchange from one transmission to another
- Easy to set backlash
- Wide range of shift and output options
- Two-year warranty

### 249 Series



- The Chelsea 249 Series teamed with the new Ford transmission noise suppression system provides a quiet PTO application on your Ford SuperDuty (Patent Pending)
- No special installation tools which eliminates costs and saves time
- Integrated actuation valve
- Single hose connection reduces installation time and eliminates leak paths
- Intermittent torque rating of 200 lb ft
- 58 horsepower @ 1200 engine rpm
- Pump flows up to 25.1 gpm @ 1200 engine rpm — standard
- Two-year warranty

### 272 Series



- The Chelsea 272 Series PTO delivers power density for customers' various vocational truck applications
- Two assembly arrangements are offered that maximize installation possibilities
- High capacity bearings and superior gear designs provide torque ratings up to 300 lb ft continuous
- Does not require users to de-rate for continuous applications
- Features a 6-bolt mounting pattern that fit on today's popular automatic and manual transmissions
- Includes 16 shift options, 12 of which are integrated into the PTO housing
- Hoses are included
- Electronic Overspeed Control (EOC) is available to protect equipment
- 9 internal gear ratios provide a wide variety of speeds to meet various application requirements
- Direct mount pump flange options are available with Wet Spline Design that provides increased PTO and pump shaft life
- Two-year warranty

All parts are custom built, designed for a specific application

## MECHANICAL & HOT-SHIFTED UNITS, continued

CHELSEA®

### 280 Series



- This new series utilizes the best of Chelsea technology and innovations from the current Hot Shift PTOs
- The 280 series combines the 277 & 278 into one model PTO
- It features a single continuous duty torque rating; no more intermittent rating
- Torque capacity ratings have been increased
- Pump clearance issues have been improved with rotatable cast iron flanges
- New positive stop for driveline outputs eliminate ability for shaft couplings to damage oil seals
- Speed ranges expanding from 5 ratios to 9 ratios
- Two-year warranty

### 870 Series



- The 870/877 Series is a 10-bolt mounting pattern that will fit on today's popular automatic transmissions
- Features 6 shift options 4 of which are integrated into the PTO housing that require one hose for a simplified installation
- 8 internal gear ratios provide you with a wide variety of speeds to meet your application requirements
- The direct mount pump flange options are available with our Wet Spline Design that provide you with increased PTO and pump shaft life
- Versatility, power, and ease of maintenance and installation make the 870 Series the only choice for your vocational truck requirements
- Two-year warranty

### 890 Series



- Moving the PTO flange to the rear of the transmission allows for larger pumps and in some cases eliminates the need for a drive shaft
- Requires less space than current PTOs and helps clear frame rails, etc.
- Torque ratings up to 670 ft lb and allows the use of higher flow and pressure pumps
- Can be installed in 2 pieces; one lighter PTO housing and the shaft
- Wet Spline outputs extends shaft life and eliminates the need to disassemble to frequently grease the splines
- Two-year warranty

### 880 Series



- Designed for tough applications: Bulk haulers, fire trucks, oil rigs, utility and generator applications and large truck recovery
- High and low speed, high torque applications with constant mesh input gears
- Features a standard lever control shift or an optional air control shift
- Pressure lubrication is available to ensure longer bearing life
- Tapered cone bearing offer excellent load bearing capability
- Rugged cast-iron house is extremely durable
- The shift cover is removable, making backlash adjustment easier and more accurate
- Torque ratings up to 500 lb ft for intermittent service
- 10 output options and 8 internal speed ratios
- Two-year warranty

All parts are custom built, designed for a specific application

## POWER TAKE-OFFS — BEZARES

A leader in European and Asian PTO development, manufacturing, and distribution, Bezares has been manufacturing PTOs for the world market for over 50 years. Working closely with truck and transmission manufacturers from around the world, Bezares USA gives a distinct advantage in the global PTO market. All Bezares PTOs are built with the highest quality bearings and sealing components.

### 1000 / 2000 Series



- The 1000 and 2000 series PTOs have been engineered to work with the most common transmissions in today's market
- Offered in a wide range of input gear, ratio, output, and shifter options, these are all cast iron
- PTOs include large 12mm flange bolts, which make for a very sturdy and durable pump mount, supporting some of the larger pumps in the market
- Both of these models are also available in a deep mount 1010 and 2010 series

### 3131R Series



- New model of PTO that incorporates Bezares' field proven robust heavy duty 3131 series PTO with a "Rear Pump" output option
- For applications where a large, tandem or even triple pump may be required
- We offer this PTO package with a large variety of speed ratio options, as well as the 3190XX output option that Bezares has developed for ease of installation and inventory diversification with the ability to convert output options without requiring a complete PTO disassembly
- This PTO also has a wet spline connection, as well as offering all needed brackets and hoses at no additional cost

### 3252 Series



- 3252 series is the latest 10 bolt hotshift PTO for the Allison® World series transmissions
- This PTO has seven ratio options, a wide variety of outputs, with electric over hydraulic shift
- The 3252 series is a low profile version for tight mounting spaces on most truck chassis
- The 3151 series is the constant mesh option of this series

### 3200 Series



- This versatile 6 bolt hotshift PTO is designed for the 1000/2000 Allison® transmission family, Asian automatics and a wide range of manual transmissions
- The 3200 series is offered with multiple ratios and outputs, as well as electric over hydraulic and air shift options

### 3800 Series



- This offers an 8 bolt hotshift PTO which is designed for Eaton®, Fuller®, Mack®, and a range of other manual transmissions
- The 3800 series is offered with multiple ratios and outputs, and standard air shift option

## INLINE & PILOT RELIEF VALVES

Relief valves are important component in your hydraulic system. They will protect your system from over-pressurization caused by lifting heavy loads and improperly connected quick couplers.



| PN | PORTING | PSI SETTING |
|---|---|---|
| AZ5514J07525 | 3/4" NPT | 2500 |
| AZ5514J10025 | 1" NPT | 2500 |
| AZ5514J10030 | 1" NPT | 3000 |
| AZ5514P10025J | 1" ORB | 2500 |
| AZ5514J10032J | 1" ORB | 3200 |

## RETURN LINE FILTERS

- Maximum Operating: 1,200 psi
- Burst Pressure: 3,000 psi
- Temp Range: –40F to +250F
- NPT & ORB Head Porting



| PN | DESCRIPTION |
|---|---|
| AA6280 | Return Filter 3-Line System 20 Micron, 150 psid |
| AB6026 | Filter Housing 200 psi, 1-1/4" ORB |
| AB8584 | Filter Housting 1200 psi, 1-1/4" NPT |

## WING TYPE QUICK COUPLERS

Materials & Pressures

- Machined components using brass bar stock
- Temp: -40F to +250F
- Rugged steel wing nut
- Stainless steel retaining rings and springs
- 1": 4,000 psi
- 1-1/4": 3,000 psi

Interchange Data

- Aeroquip® 5100 Series
- Parker® 6100 Series
- Snap-Tite® 78 Series
- Faster® FB Series
- Safeway® S51 Series



HQD5100C16



HQD5100N16



HQD510016PLUG



HQD510016CAP

| PN | DESCRIPTION |
|---|---|
| HQD5100C16 | Coupler, 1" npt |
| HQD5100N16 | Nipple, 1" NPT |
| HQD5100C20 | Coupler, 1-1/4" NPT |
| HQD5100N20 | Nipple, 1-1/4" NPT |
| HQD510016 | 1" NPT Coupler & Nipple Set |
| HQD510020 | 1-1/4" Coupler & Nipple Set |
| HQD510016CAP | Cap, 1" |
| HQD510016PLUG | Plug, 1" |

## GEAR PUMPS

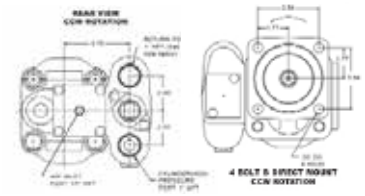
### Gemini Heavy Duty Pumps for Live & Moving Floors & Dump Trailers

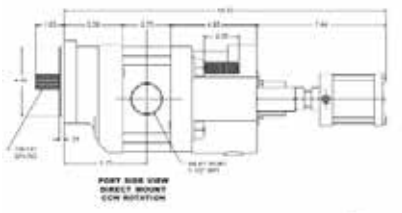
Gemini dual use pumps are designed to be used with dual use applications, typically a dump trailer and a live floor or goose neck.

**Features**

- Dual Pressure Relief: low for dump bodies, high for live floors
- Easy to switch from low to high pressure using truck air
- Large 1-1/2" NPT suction port in the gear housing
- Three-line system for continuous duty
- Field adjustable relief settings
- Doweled construction
- 37 gpm @ 1800 rpm, 100% factory tested
- Heavy duty "controlled stress" roller bearings
- Factory installed "OEM" air shift with full metering capabilities
- Direct mount SAE "B" 4 bolt or twin shafted remote mount with bracket
- Relief valve protects the high pressure portion of the system as well as the pump

| | SERIES | IN³ (CC) | GPM/900 RPM 2000 PSI | GPM/1200 RPM 2000 PSI | GPM/1500 RPM 2000 PSI | MAX RPM | MAX PSI |
|---|---|---|---|---|---|---|---|
|  | VPDPC20ZLA2532 | 5.12 (84.3) | 17.5 | 24.5 | 30.5 | 1800 | 3200 |







The third sleeve is installed in the pump, therefore, the return port must be plumbed back to tank, below the oil line at all times.

### VPHPVC-HP-13 Dual Pressure Controller



This special dual pressure controller is to be used in the Gemini pump system. Features PTO On/Off, Dump Raise/Lower. As an option, it has a switch to go into high pressure mode for live floor application, with a light and a buzzer on the console, warning you that you are in high pressure mode.

## GEAR PUMPS & MOTORS — ROLLER BEARING

### For Mobile & Industrial Applications

- Construction equipment
- Refuse equipment
- Mining machinery
- Agricultural equipment
- Oil field equipment
- Industrial equipment
- Forestry equipment

### Series 2100/3000/3100



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 |
|---|---|---|---|---|---|---|---|
| GPM/1000 rpm/2000 psi | ** | ** | 6.5 | 8.5 | 11.0 | 12.5 | 15.0 |
| LPM/1000 rpm | ** | ** | 25 | 32 | 42 | 47 | 57 |
| $IN^3$ | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.00 |
| CC | 16.4 | 24.6 | 32.8 | 41.0 | 49.2 | 57.3 | 65.5 |
| Max RPM*** | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| 2100 – Max PSI# | 3000 | 3000 | 3000 | 2500 | 2500 | 2500 | 2500 |
| 3100 – Max PSI# | 3000 | 3000 | 3000 | 2500 | 2500 | 2500 | 2500 |
| 3000 – Max PSI# | 2500 | 2500 | 2500 | 2250 | 2250 | 2250 | 2250 |
| Motor / Input GPM* | ** | ** | 12.0 | 14.0 | 16.5 | 19.0 | 21.0 |
| Motor / Output in-Lbs* | ** | ** | 570 | 730 | 895 | 1035 | 1176 |
| Motor / Output HP* | ** | ** | 9.0 | 11.5 | 14.0 | 16.5 | 18.6 |

### Series 5000/5100/5151



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 | 2.25 | 2.50 |
|---|---|---|---|---|---|---|---|---|---|
| GPM/1000 rpm/2000 psi | ** | ** | 9.5 | 12.0 | 14.5 | 17.S | 19.5 | 21.0 | 23.5 |
| LPM/1000 rpm | ** | ** | 36 | 45 | 55 | 68 | 74 | 79 | 89 |
| $IN^3$ | 1.29 | 1.93 | 2.57 | 3.22 | 3.86 | 4.50 | 5.15 | 5.79 | 6.43 |
| CC | 2U | 31.6 | 42.2 | 52.7 | 63.2 | 73.8 | 84.3 | 94.9 | 105.4 |
| MAX RPM+ | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| 5151 – Max Peak PSI | N/A | N/A | N/A | N/A | N/A | 3000 | 3000 | 3000 | 3000 |
| 5100 – Max PSI# | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2500 | 2500 | 2500 |
| 5000 – Max PSI# | 2500 | 2500 | 2500 | 2500 | 2500 | 2000 | 2000 | 2000 | 2000 |
| Motor / Input GPM* | ** | ** | 13.5 | 16.5 | 19.5 | 23.0 | 28.0 | 29.0 | 32.0 |
| Motor / Output in-Lbs* | ** | ** | 725 | 925 | 1130 | 1320 | 1510 | 1695 | 1685 |
| Motor / Output HP* | ** | ** | 11.5 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 30.0 |

* Motor specifications are given @ 1000 rpm and @ 2000 psi

** Consult Permco on these gear sizes

*** 2000 rpm maximum on motors

\# The information shown represents the maximum continuous operating conditions

\+ Maximum 3000 rpm for 5151 series

## GEAR PUMPS & MOTORS — ROLLER BEARING

### Series 7500/7600



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GPM/1000 RPM/2000 psi | ** | ** | 14.5 | 19.0 | 23.0 | 27.0 | 31.0 | 35.5 | 39.0 | 44.0 | 49.0 |
| LPM/1000 rpm | ** | ** | 55 | 72 | 87 | 102 | 117 | 134 | 148 | 167 | 185 |
| $IN^3$ | 2.02 | 3.03 | 4.04 | 5.06 | 6.07 | 7.08 | 8.09 | 9.1 | 10.1 | 11.1 | 12.1 |
| CC | 33.1 | 49.7 | 66.3 | 8.2.8 | 99.4 | 116.0 | 132.5 | 149.1 | 165.7 | 182.2 | 198.8 |
| MAX RPM | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| 7600 – Max PSI# | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2500 | 2500 | 2500 | 2000 | 2000 |
| 7500 – Max PSI# | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2250 | 2250 | 2000 | 2000 |
| Motor / Input GPM* | ** | ** | 23.0 | 28.0 | 33.0 | 37.5 | 42.0 | 46.5 | 51.0 | 56.0 | 61.0 |
| Motor / Output in-Lbs* | ** | ** | 1095 | 1390 | 1690 | 1960 | 2265 | 2590 | 2915 | 3300 | 3690 |
| Motor / Output HP* | ** | ** | 17.5 | 22.0 | 27.0 | 31.S | 36.0 | 41.0 | 46.5 | 52.5 | 58.5 |

## GEAR PUMPS — SLEEVE BUSHING

### Series P124



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 |
|---|---|---|---|---|---|---|---|
| GPM/1000 RPM/Rated PSI | 2.0 | 3.5 | 5.0 | 6.0 | 7.5 | 9.0 | 10.0 |
| LPM/1000 rpm | 8 | 13 | 19 | 23 | 28 | 34 | 38 |
| $IN^3$ | 0.62 | 0.93 | 1.24 | 1.55 | 1.86 | 2.17 | 2.48 |
| CC | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| MAX RPM | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| Max PSI# | 3500 | 3500 | 3500 | 3500 | 3300 | 2900 | 2500 |
| Max Bar# | 241 | 241 | 241 | 241 | 227 | 200 | 172 |

### Series P197



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 |
|---|---|---|---|---|---|---|---|
| GPM/1000 rpm/Rated PSI | ** | ** | 7.0 | 9.0 | 11.0 | 13.0 | 15.0 |
| LPM/1000 rpm | ** | ** | 26 | 34 | 42 | 49 | 57 |
| $IN^3$ | 0.99 | 1.48 | 1.97 | 2.46 | 2.96 | 3.45 | 3.94 |
| CC | 16.l | 24.2 | 32.3 | 40.4 | 48.4 | 56.5 | 64.6 |
| MAX RPM | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| Max PSI# | ** | ** | 4000 | 4000 | 3750 | 3500 | 3250 |
| Max Bar# | ** | ** | 276 | 276 | 259 | 241 | 224 |

* Motor specifications are given @ 1000 rpm and @ 2000 psi

** Consult Permco on these gear sizes

\# The information shown represents the maximum continuous operating conditions

## GEAR PUMPS — SLEEVE BUSHING

### P257 Series Pumps



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 | 2.25 | 2.5 |
|---|---|---|---|---|---|---|---|---|---|
| GPM/1000 rpm/Rated PSI | 5.5 | 8.0 | 11.0 | 13.9 | 16.7 | 19.4 | 22.2 | 25.0 | 27.8 |
| LPM/1000 rpm | 20.8 | 30.3 | 41.7 | 49.2 | 63.2 | 73.5 | 84.1 | 94.7 | 105.3 |
| $IN^3$ | 1.29 | 1.93 | 2.57 | 3.21 | 3.86 | 4.50 | 5.14 | 5.78 | 6.43 |
| CC | 21 | 32 | 42 | 53 | 63 | 74 | 84 | 95 | 105 |
| MAX RPM | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| Max PSI# | 4500 | 4500 | 4500 | 4500 | 3500 | 3250 | 3000 | 2750 | 2500 |
| Max Bar# | 310 | 310 | 310 | 310 | 241 | 224 | 207 | 190 | 172 |

### P360 Series Pumps



| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 | 2.25 | 2.5 |
|---|---|---|---|---|---|---|---|---|---|
| GPM/1000 rpm/Rated PSI | 7.8 | 11.7 | 15.5 | 19.4 | 23.3 | 27.2 | 31.1 | 35.0 | 38.9 |
| LPM/1000 rpm | 29.5 | 44.3 | 58.7 | 73.5 | 88.3 | 103.0 | 117.8 | 132.6 | 147.4 |
| $IN^3$ | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.30 | 7.2 | 8.1 | 9.0 |
| CC | 30 | 44 | 59 | 74 | 89 | 103 | 118 | 133 | 148 |
| MAX RPM | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| Max PSI# | 3500 | 3500 | 3500 | 3500 | 3500 | 3500 | 3500 | 3250 | 3000 |
| Max Bar# | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 224 | 207 |

## CLUTCH PUMPS

### CP124 Heavy Duty Clutch Pumps

- Cubic inch displacements from 0.62 through 2.48
- Speeds to 3000 rpm and pressures to 3500 psi
- SAE "A" mounting with bracket or pad mounting available
- Heavy duty sleeve bushing design in a small frame size
- Doweled and high strength 3 piece cast iron construction
- NPT, O-ring, or split flange porting located on the rear and/or side
- 100% factory tested
- Only high torque clutches used with all the popular clutch configurations available
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges
- Typical applications include recovery vehicles, snow plows, spreaders, utility vehicles, winches, small hoists, aerial devices, lift gates, cranes, and light duty equipment



With pad mounting, side and rear porting



With bracket mount, side SAE O-ring ports

| GEAR WIDTH (INCHES) | 0.50 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.00 |
|---|---|---|---|---|---|---|---|
| Displ CU In/CC | .62/10 | .93/15 | 1.24/20 | 1.55/25 | 1.86/30 | 2.17/35 | 2.48/40 |
| GPM / Liters @ 1000 rpm | 2.2/8.3 | 3.6/13.6 | 4.9/18.5 | 6.1/23.1 | 7.4/28.0 | 8.8/33.3 | 10.0/37.9 |
| Min RPM | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Max RPM | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| Max PSI/Bar | 3500/241 | 3500/241 | 3500/241 | 3500/241 | 3200/220 | 2900/200 | 2500/172 |

## GEAR PUMPS/MOTORS

Gear pumps/motors from Muncie Power Products are available in a wide variety of pump sizes and designs including bushing and roller bearing. With the ability to fit small and high flow rates, the gear pumps/motors are also flexible to meet applications requiring a bi-rotational feature or a belt driven clutch pump.



L Series



KSeries



H Series

### L SERIES
**ROLLER BEARING PUMPS**

The L Series is all cast iron with a roller bearing design to meet the application needs of either a pump or a motor. With four ports and a bi-rotational feature, the L Series helps reduce inventory requirements.

| | |
|---|---|
| Weight | 40 – 51 lbs |
| Displacement (Cu.In./Rev) | 3.18 – 7.0 |
| Max. Op. Pressure | 3,000 psi |
| Input Shaft Options | 5 |
| Port Locations | Side and Rear |

### K SERIES
**ROLLER BEARING PUMPS**

The K Series is all cast iron with a roller bearing design to meet the application needs of either a pump or a motor. With four ports and a bi-rotational feature, the K Series helps reduce inventory requirements.

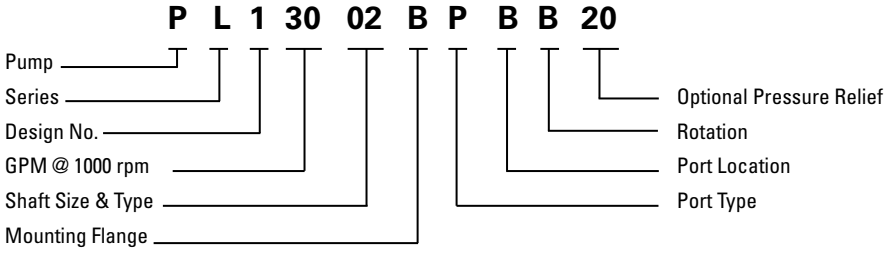
| | |
|---|---|
| Weight | 26 – 33 lbs |
| Displacement (Cu.In./Rev) | 0.98 – 3.99 |
| Max. Op. Pressure | 3,000 psi |
| Input Shaft Options | 4 |
| Port Locations | Side and Rear |

### H SERIES
**BUSHING STYLE PUMPS**

The H Series is an all cast iron bushing pump designed for low to medium flow systems. Its small package size makes it ideal for direct mounting to PTOs.

| | |
|---|---|
| Weight | 18 – 25 lbs |
| Displacement (Cu.In./Rev) | 0.62 – 2.48 |
| Max. Op. Pressure | 3,500 psi |
| Input Shaft Options | 2 |
| Port Locations | Side and Rear |

## MODEL NUMBER CONSTRUCTION



## STEEL & ALUMINUM RESERVOIRS

All reservoirs are constructed out of aluminum, steel, or poly materials. Upright and saddle mount reservoirs with 50 and 70 gallon capacities are ideal for end dump, walking floor and side dump applications. Smaller reservoirs with 15 to 35 gallon capacities are also available.



50AURO



50SURO



50ASMO

| PN | MATERIAL | GALLONS | MOUNTING STYLE | MOUNTING STRAPS | SITE GLASS |
|---|---|---|---|---|---|
| 50ASMO | Aluminum | 50 | Saddle | Steel | No |
| 50ASMSS | Aluminum | 50 | Saddle | Stainless Steel | No |
| 50ASMSSSG | Aluminum | 50 | Saddle | Stainless Steel | Yes |
| 50AURO | Aluminum | 50 | Upright | — | No |
| 50AURSG | Aluminum | 50 | Upright | — | Yes |
| 70AURO | Aluminum | 70 | Upright | — | No |
| 70AUROSG | Aluminum | 70 | Upright | — | Yes |
| 75ASMO | Aluminum | 75 | Saddle | Steel | No |
| 75ASMOSG | Aluminum | 75 | Saddle | Steel | Yes |
| 75ASMSS | Aluminum | 75 | Saddle | Stainless Steel | No |
| 50SSMO | Steel | 50 | Saddle | Steel | No |
| 50SSMOSG | Steel | 50 | Saddle | Steel | Yes |
| 50SURO | Steel | 50 | Upright | — | No |
| 50SURSG | Steel | 50 | Upright | — | Yes |
| 70SURO | Steel | 70 | Upright | — | No |
| 70SURSG | Steel | 70 | Upright | — | Yes |
| 75SSMO | Steel | 75 | Saddle | Steel | No |

## DUMP PUMPS

- All dump pumps include 3-line sleeve



VPC10225ZLAS25



VPAS1



VPDPC20ZLA2532

| PN | DESCRIPTION | BRAND |
|---|---|---|
| VPC10125ZMS25 | Remote Mount, BI, Manual Shift | Permco |
| VPC10225ZLMS25 | Direct Mount, CCW, Manual Shift | Permco |
| VPC10225ZLAS25 | Direct Mount, CCW, Air Shift | Permco |
| VPC10225ZRMS25 | Direct Mount, CW, Manual Shift | Permco |
| VPDPC20ZLA2532 | Direct Mount, CCW, Air Shift, Dual Psi | Permco |
| VPAS1 | Air Shift Kit | APSCO |
| BZ102LAS25 | Direct Mount, CCW, Air Shift | Bezares |

## 3-WAY COMBO KIT SYSTEMS — 1300

The 3-Way Combo Kit System allows you to operate multiple trailers with one tractor hydraulic system. This provides the fleet owner with greater flexibility to use one tractor for multiple purposes.

- Designed to operate end dump trailers, walking floor trailers, side dump trailers, and low boys (1300-3 Kit)
- Provides dual pressure connections for 2000 psi end dumps, or 2800 psi trailers
- VantagePower high pressure dump pumps provide high pressure capability to 2800 psi, along with 1"— 15 spline output shaft for long pump life
- Unique hose connections make misconnecting trailers to incorrect ports more difficult. This results in safer operation, reduces the possibility of End Dump cylinder separations from over-pressurizing telescopic cylinders
- Hose connections clearly marked on Coupler Mounting Bar
- Operator controls all trailer functions from inside the cab with air controls

### Combo Kit Systems

| | PN | DESCRIPTION |
|---|---|---|
|  1300-3A | 1300-1A | Dual PSI |
| | 1300-3A | Dual PSI Kit w/ Lowboy Option |

### High Pressure Dump Pumps

PERMCO

| | PN | DESCRIPTION |
|---|---|---|
|  VPCKDP203LAS25BB | VPCKDP203LAS25BB | ORB Ports, 2.5-3K psi Relief, CCW, Air Shift |
| | VPCKDP203RAS25BB | ORB Ports, 2.5-3K psi Relief, CW, Air Shift |

## PTO & HOIST CONTROLS

| | PN | DESCRIPTION |
|---|---|---|
|  VPHPVC-HP-13 | VP-AS1 | Air actuator for C101/C102 Hyd. Dump pumps |
| | VPHPV | Hoist / PTO Control |
| | VPHPVC-13 | Hoist / PTO Control, 13" Console |
| | VPHPVC-8 | Hoist / PTO Control, 8" Console |
| | VPHPVC-HP-13 | Hoist / PTO / Hi Presure Control, 13" Console |
| | VPHPVC-T-13 | Hoist / PTO, 13" Console w/ Tubing |
| | VPHPVC-T-8 | Hoist / PTO, 8" Console w/ Tubing |
| | VPHPVC-TG-13 | Hoist / PTO / Tail gate Control, 13" Console |
| | VPHPVC-TG-8 | Hoist / PTO / Tail gate |
| | VPHV | Hoist Control |

## CONTROLS & ACTUATORS

| | PN | DESCRIPTION |
|---|---|---|
|  C-3526-DM  C-3826-DM  VM7-2B2020 | C-3520-DM | Actuator Non-Metering DVA20 |
| | C-3526-DM | Actuator Non-Metering V20 |
| | C-3820-DM | Actuator Metering DVA20 |
| | C-3826-DM | Actuator Metering A20 |
| | C-3835-DM | Actuator Metering DVA35 |
| | VM-7 | VM Series Single Control |
| | VM7-2B2020 | VM Series Two Bank Control |
| | VM-8 | VM Series Positive Lock in Neutral |
| | VM-10 | VM Series Dual Axis Control |

## LIFT AXLE & VALVES



CON-3A



V-8



VX-4



VX-4AP

| PN | DESCRIPTION |
|---|---|
| CON-3A | Lift Axle Panel Non-Steerable |
| CON-3AE | Lift Axle Panel Steerable |
| RK-4446 | FRL Kit with Mounting Bracket |
| RK-1600 | Regulator |
| V-8 | 2-Position Push-Pull 4-Way Valve / 4 Port |
| VX-4 | 2-Position Push-Pull 4-Way valve / 5 port |
| VE-2 | 12-Volt 4-way Solenoid Valve |
| VTS-1X | Air Toggle Valve 3 Position M/N/M |
| VX-4-AP | Air Pilot Valve |

## TAILGATE & HI-LIFT CYLINDERS



C-6059-E-PK

| PN | DESCRIPTION | TYPE | RETRACTED | EXTENDED |
|---|---|---|---|---|
| C-5026S-PK | 2.5 × 6 Tailgate | Tie Rod | 12.50″ | 18.50″ |
| C-5063-PK | 2.5 × 6 Tailgate | Tie Rod | 14 40″ | 20.40″ |
| C-5070S | 2.5 × 8 Tailgate | Tie Rod | 13.87″ | 21.87″ |
| C-5180S-PK | 2.5 × 4 Tailgate | Tie Rod | 10.48″ | 14.48″ |
| C-6009-PK | 3.5 × 8 Tailgate | Tie Rod | 17.50″ | 25.50″ |
| C-6011-PK | 3.5 × 8 Tailgate | Tie Rod | 16.70″ | 24.70″ |
| C-6059-E-PK | 3.5 × 8 Tailgate | Tie Rod | 16.00″ | 24.00″ |
| C-6059-PK | 3.5 × 8 Tailgate | Tie Rod | 16.00″ | 24.00″ |
| C-7421-PK-M | 4 × 20 Hi-Lift | Tie Rod | 29.50″ | 49.50″ |
| C-7424-PK-M | 4 × 24 Hi-Lift | Tie Rod | 34.70″ | 58.70″ |
| C-0424-PK-M | 4 × 24 Hi-Lift | Round | 35.75″ | 59.75″ |
| C-0428-FC | 4 × 28 Hi-Lift | Round | 39.18″ | 67.18″ |
| C-0429-FC-PK-1 | 4 × 29 Hi-Lift | Round | 39.50″ | 68.50″ |
| C-0430-PK-1 | 4 × 30 Hi-Lift | Round | 41.25″ | 71.25″ |
| C-0410-SR | 4 × 4.6 SR TR (MGM) | Round | 22.81″ | 27.41″ |

PK = Pin and Devis // M = Muffler // FC= Flow Control // E = Electric Solenoid // -1= 1″ pins // TR = Trunion Mount

## DIRECTIONAL CONTROL VALVES

With high-grade iron castings and nickel-plated spools, Muncie Power Products' valves feature higher pressure capabilities. Spool, control, positioner and accessory options allow for customization to meet specific application needs. Built to keep the product lasting longer, Muncie Power valves are 100 percent tested prior to shipment.



### V080 SERIES

Designed for low flow rates, the V080 is the smallest of Muncie Power Products' directional control valve lineup.

**Flow Capacity:**
Nominal: 21 gpm (80 lpm)
Maximum: 30 gpm (114 lpm)

**MAX Pressure:**
1 – 3 Sections: 5075 psi (350 bar)
4 – 6 Sections: 4650 psi (320 bar)
7 – 10 Sections: 4350 psi (300 bar)

**MAX Back Pressure:**
365 psi (25 bar)



### V130 SERIES

Designed for mid-flow rates, the V130 is Muncie Power Products' mid-size option of directional control valves.

**Flow Capacity:**
Nominal: 34 gpm (130 lpm)
Maximum: 55 gpm (208 lpm)

**MAX Pressure:**
1 – 3 Sections: 5440 psi (375 bar)
4 – 6 Sections: 5075 psi (350 bar)
7 – 10 Sections: 4710 psi (325 bar)

**MAX Back Pressure:**
365 psi (25 bar)



### V250 SERIES

Designed for high flow rates, the V250 is Muncie Power Products' largest directional control valve option.

**Flow Capacity:**
Nominal: 67 gpm (250 lpm)
Maximum: 75 gpm (280 lpm)

**MAX Pressure:**
4000 psi (275 bar)

**MAX Back Pressure:**
290 psi (20 bar)

## MODEL NUMBER CONSTRUCTION

**Work Section**

**V080 AC AA 01 FM 02 X**

- V080 — Valve Series
- AC — Spool Type
- AA — Control Type
- 01 — Back-cap Positioners and Controls
- FM — Work Port Size & Type
- 02 — Work Port Options
- X — Special Features

**Inlet/Mid/Outlet Sections**

**V080 A FX 7SX N150**

- V080 — Valve Series
- A — Section Type
- FX — Port Size & Type
- 7SX — Options
- N150 — Relief Valve Setting

## 4000 SERIES — SINGLE ACTING TELESCOPIC CYLINDER

Custom Hoists, Inc.



### Pin-to-Pin Mounting

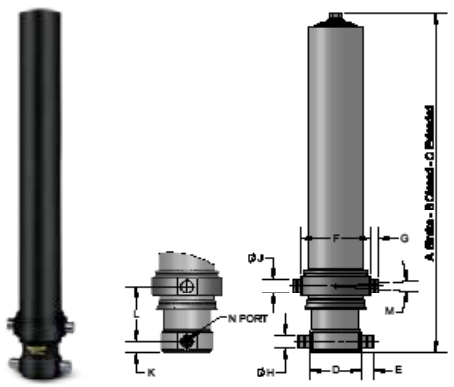
- Self-bleeding design
- Pre-loaded v-packing with a self-adjusting wave spring energizer or an energized 'Z' seal package as an option
- Threaded headnuts for added strength and field seal adjustment
- Longer bearing length for stability
- Stock models inventoried at five warehouse locations throughout the U.S. for immediate needs

**4000 Series**

| MODEL NUMBER | A | | B | | C | | D | | E | | F | | G | | J | | K | | L | M | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | PORT | in | mm | | |
| 53-4459-128 | 125.94 | 3199 | 54.50 | 1384 | 180.44 | 4583 | 1.50 | 38 | 1.78 | 45 | 2.00 | 51 | 7.00 | 178 | 2.06 | 52 | 26.50 | 673 | SAE #16 | N/A | N/A | 2.0 | 7.1 | 227 |
| 53-4531-130 | 126.19 | 3204 | 54.56 | 1386 | 180.69 | 4590 | 2.00 | 51 | 1.78 | 45 | 1.88 | 48 | 7.00 | 178 | 2.06 | 52 | 33.50 | 851 | 1" NPTF | N/A | N/A | 2.0 | 7.1 | 224 |
| 53-4592-72 | 71.04 | 1827 | 36.62 | 930 | 108.56 | 2757 | 1.50 | 38 | 2.06 | 52 | 2.00 | 51 | 7.00 | 178 | 2.06 | 52 | 19.50 | 495 | 3/4" NPTF | N/A | N/A | 1.3 | 4.0 | 155 |
| 53-4592-84 | 84.19 | 2138 | 41.12 | 1044 | 125.31 | 3183 | 1.50 | 38 | 2.06 | 52 | 2.00 | 51 | 7.00 | 178 | 2.06 | 52 | 19.50 | 495 | 3/4" NPTF | N/A | N/A | 1.4 | 4.7 | 171 |
| 53-4592-106 | 106.06 | 2694 | 48.00 | 1219 | 154.06 | 3913 | 1.50 | 38 | 2.06 | 52 | 2.00 | 51 | 7.00 | 178 | 2.06 | 52 | 19.50 | 495 | 3/4" NPTF | N/A | N/A | 1.7 | 6.0 | 208 |
| 53-4602-84 | 84.56 | 2148 | 41.00 | 1041 | 125.38 | 3185 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 1.8 | 7.3 | 208 |
| 53-4602-104 | 103.75 | 2635 | 47.62 | 1210 | 151.37 | 3845 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.1 | 8.0 | 241 |
| 53-4602-108 | 108.38 | 2753 | 49.00 | 1245 | 157.38 | 3997 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.2 | 8.4 | 258 |
| 53-4602-128 | 120.38 | 3058 | 53.00 | 1346 | 173.38 | 4404 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.4 | 10.4 | 278 |
| 53-4602-126 | 126.38 | 3210 | 55.00 | 1397 | 181.38 | 4607 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.5 | 11.0 | 286 |
| 53-4602-132 | 132.38 | 3362 | 57.00 | 1448 | 189.38 | 4810 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.7 | 11.5 | 298 |
| 53-4602-148 | 140.62 | 3572 | 59.75 | 1518 | 200.37 | 5089 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 7.00 | 178 | 2.13 | 54 | 19.50 | 495 | 1" NPTF | N/A | N/A | 2.8 | 12.2 | 307 |
| 64-4435-135 | 134.75 | 3423 | 47.13 | 1197 | 181.88 | 4620 | 2.69 | 68 | 1.56 | 40 | 1.63 | 41 | 8.00 | 203 | 1.88 | 48 | N/A | N/A | 1" NPTF | 4.50 | 114 | 2.5 | 8.7 | 372 |
| 64-4435-156 | 155.75 | 3956 | 52.38 | 1330 | 209.13 | 5286 | 2.69 | 68 | 1.56 | 40 | 1.63 | 41 | 8.00 | 203 | 1.88 | 48 | N/A | N/A | 1" NPTF | 4.50 | 114 | 2.8 | 11.2 | 392 |
| 64-4467-156 | 155.75 | 3956 | 52.63 | 1337 | 209.38 | 5319 | 1.75 | 44 | 2.03 | 52 | 1.88 | 48 | 7.25 | 184 | 2.06 | 52 | 6.38 | 162 | 1" NPTF | 5.00 | 127 | 2.6 | 11.2 | 308 |
| 73-4503-110 | 108.94 | 2767 | 49.88 | 1267 | 158.81 | 4034 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 2.7 | 13.5 | 318 |
| 73-4503-118 | 117.19 | 2977 | 52.13 | 1324 | 169.31 | 4301 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 2.8 | 14.5 | 332 |
| 73-4503-127 | 126.19 | 3205 | 55.13 | 1400 | 181.31 | 4605 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.0 | 15.7 | 352 |
| 73-4503-142 | 141.19 | 3586 | 60.13 | 1527 | 201.31 | 5113 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.3 | 17.5 | 388 |
| 73-4503-151 | 150.19 | 3815 | 63.13 | 1603 | 213.31 | 5418 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.5 | 18.7 | 407 |
| 74-4401-128 | 119.94 | 3046 | 44.75 | 1137 | 164.69 | 4183 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 2.6 | 12.6 | 308 |
| 74-4401-135 | 134.69 | 3421 | 48.25 | 1226 | 182.94 | 4647 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.1 | 14.2 | 338 |
| 74-4401-148 | 139.69 | 3548 | 49.50 | 1257 | 189.19 | 4805 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.2 | 14.8 | 346 |
| 74-4401-156 | 154.56 | 3926 | 53.38 | 1356 | 207.94 | 5282 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.5 | 16.2 | 373 |
| 74-4401-161 | 159.56 | 4053 | 54.63 | 1387 | 214.19 | 5440 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.6 | 16.8 | 384 |
| 74-4401-167 | 166.06 | 4218 | 56.25 | 1429 | 222.31 | 5647 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 3.7 | 17.5 | 395 |
| 74-4401-188 | 179.06 | 4548 | 59.50 | 1511 | 239.56 | 6059 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.63 | 219 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.00 | 305 | 4.0 | 18.9 | 415 |
| 84-4466-148 | 145.00 | 3683 | 51.50 | 1308 | 196.50 | 4991 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 3.8 | 21.2 | 451 |
| 84-4466-156 | 153.00 | 3886 | 53.50 | 1359 | 206.50 | 5245 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 4.1 | 22.4 | 474 |
| 84-4466-161 | 157.50 | 4001 | 54.88 | 1394 | 212.38 | 5394 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 4.2 | 23.1 | 493 |
| 84-4466-171 | 167.00 | 4242 | 57.00 | 1448 | 224.00 | 5690 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 4.4 | 24.5 | 504 |
| 84-4466-180 | 176.50 | 4483 | 59.50 | 1511 | 236.00 | 5994 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 4.6 | 25.9 | 527 |
| 85-4402-170 | 168.69 | 4285 | 49.88 | 1267 | 218.50 | 5550 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 4.2 | 21.3 | 462 |
| 85-4402-190 | 188.69 | 4791 | 53.88 | 1368 | 242.50 | 6160 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 4.6 | 23.8 | 508 |
| 85-4402-200 | 198.62 | 5045 | 55.88 | 1419 | 254.50 | 6464 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 4.9 | 25.3 | 518 |
| 85-4402-220 | 218.69 | 5553 | 59.88 | 1521 | 278.50 | 7074 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 5.2 | 27.7 | 554 |
| 85-4402-235 | 234.25 | 5950 | 65.00 | 1651 | 299.25 | 7601 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 5.8 | 29.7 | 611 |
| 85-4402-250 | 249.25 | 6331 | 68.00 | 1727 | 317.25 | 8058 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 6.1 | 31.7 | 655 |
| 85-4459-265 | 263.69 | 6696 | 70.88 | 1800 | 334.50 | 8496 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 5.6 | 33.9 | 694 |
| 85-4466-265 | 264.25 | 6712 | 74.38 | 1889 | 339.63 | 8631 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 6.8 | 33.7 | 718 |
| 85-4466-280 | 279.25 | 7093 | 77.50 | 1969 | 356.75 | 9061 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 7.1 | 35.7 | 746 |
| 85-4466-295 | 294.25 | 7220 | 78.50 | 1994 | 362.75 | 9214 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 8.50 | 241 | 2.13 | 54 | 6.88 | 169 | 1" NPTF | 12.75 | 324 | 7.2 | 36.4 | 758 |
| 85-4481-220 | 219.69 | 5578 | 60.88 | 1546 | 280.50 | 7125 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 13.50 | 343 | 1" NPTF | 12.75 | 324 | 6.6 | 38.0 | 723 |
| 85-4481-235 | 232.75 | 5912 | 65.00 | 1651 | 297.75 | 7563 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 7.2 | 40.1 | 783 |
| 85-4481-250 | 249.88 | 6347 | 72.63 | 1845 | 322.50 | 8192 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 8.2 | 43.6 | 891 |
| 85-4481-265 | 264.88 | 6728 | 75.63 | 1921 | 340.50 | 8649 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 8.6 | 46.3 | 934 |
| 85-4481-280 | 279.88 | 7108 | 78.63 | 1997 | 358.50 | 9106 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 8.9 | 48.9 | 956 |
| 85-4481-300 | 299.88 | 7617 | 82.63 | 2099 | 382.50 | 9716 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | 12.75 | 324 | 9.5 | 52.4 | 1032 |
| 85-4503-340 | 338.94 | 8609 | 87.00 | 2210 | 425.94 | 10818 | 2.00 | 51 | 2.06 | 52 | 1.75 | 44 | 10.69 | 271 | 2.13 | 54 | 6.50 | 165 | 1" NPTF | N/A | N/A | 8.9 | 59.3 | 1078 |

## 3000 SERIES — SINGLE ACTING TELESCOPIC CYLINDER

Custom Hoists, Inc.




### Trunnion Mount

- 23% more lifting capacity
- Chrome-plated plungers
- Optional nitrided plungers
- Domestically manufactured and stocked for immediate shipment
- Oscillating trunnion collar reduces side loading
- O.D. sealed with state-of-the-art u-cups
- Pin ported

| 3000 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Please consult factory or your Regional Sales Manager for additional models.

## EATON WEATHERHEAD H280 WEATHERSHIELD® HOSE

- Two-wire braided hydraulic hose with an extremely diverse range of uses in the hydraulics market
- Meets or exceeds hose specifications and agency ratings; SAE 100R16 Type S, EN853 2SC, ISO 11237-1 Type 2SC, DNV, ABS, USCG, MSHA
- Diamond Advantage: Pressure, temperature, abrasion resistance



| Part Number | Hose I.D. | | | Hose O.D. | | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | | Hose Weight | | Avail. Lengths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | fraction | mm | in | fraction | bar | psi | bar | psi | mm | in | Kg/m | lbs/100ft | feet |
| H28004<br>H28004-250R<br>H28004-500R | 6,4 | 0.25 | 1/4 | 13,5 | 0.53 | 17/32 | 448 | 6,500 | 1,792 | 26,000 | 50,8 | 2.00 | 10,0 | 22 | 50<br>250<br>500 |
| H28006<br>H28006-250R<br>H28006-500R | 9,5 | 0.38 | 3/8 | 17,5 | 0.69 | 11/16 | 366 | 5,300 | 1,464 | 21,200 | 63,5 | 2.50 | 13,2 | 29 | 50<br>250<br>500 |
| H28008<br>H28008-250R<br>H28008-500R | 12,7 | 0.50 | 1/2 | 20,6 | 0.81 | 13/16 | 310 | 4,500 | 1,240 | 18,000 | 88,9 | 3.50 | 17,7 | 39 | 50<br>250<br>500 |
| H28010<br>H28010-250R | 15,9 | 0.63 | 5/8 | 23,8 | 0.94 | 15/16 | 276 | 4,000 | 1,104 | 16,000 | 101,6 | 4.00 | 20,0 | 44 | 50<br>250 |
| H28012<br>H28012-250R | 19,1 | 0.75 | 3/4 | 27,8 | 1.09 | 1-3/32 | 241 | 3,500 | 964 | 14,000 | 120,7 | 4.75 | 24,1 | 53 | 50<br>250 |
| H28016<br>H28016-250R | 25,4 | 1.00 | 1 | 35,7 | 1.41 | 1-13/32 | 207 | 3,000 | 828 | 12,000 | 152,4 | 6.00 | 32,7 | 72 | 50<br>250 |
| H28020<br>H28020-150 | 31,8 | 1.25 | 1-1/4 | 41,9 | 1.65 | 1-13/20 | 172 | 2,500 | 688 | 10,000 | 209,6 | 8.25 | 49,5 | 109 | 50<br>150 |
| H28024<br>H28024-150 | 38,1 | 1.50 | 1-1/2 | 51,6 | 2.03 | 2 | 138 | 2,000 | 552 | 8,000 | 254,0 | 10.00 | 63,6 | 140 | 50<br>150 |
| H28032 | 50,8 | 2.00 | 2 | 64,3 | 2.53 | 2-1/2 | 110 | 1,600 | 440 | 6,400 | 317,5 | 12.50 | 86,4 | 190 | 50 |

**Inner Tube:**
Synthetic rubber tube

**Reinforcement:**
2 Steel Braids

**Cover:** WeatherSHIELD
Synthetic rubber cover

**Temp. Range:**
Petroleum-based Hydraulic Fluids:
-40°C to +127°C
(-40°F to +260°F)

Water-based Hydraulic Fluids:
-40°C to +70°C
(-40°F to +158°F)

**Typical Application:**
Hydraulic system service with petroleum and water-based fluids, for general industrial service.

**MSHA Accepted**

**Hose Fitting Reference**
C-O-C
'Z' Series
Eaton Catalog Page J-69-94

## Z SERIES HOSE FITTINGS



| PN | DESCRIPTION |
|---|---|
| 04Z-104 | Male Pipe Rigid |
| 06Z-506 | JIC 37D Male Rigid |
| 08Z-J08 | Male Pipe Swivel |
| 04Z-204 | Female Pipe Rigid |
| 04Z-604 | JIC Female Swivel |
| 04Z-664 | JIC Female Swivel 90D |

## EATON WEATHERHEAD H430 HIGH PRESSURE SPIRAL HOSE

- For very high pressure hydraulic lines subjected to pressure surges and flexing
- Meets or exceeds hose specifications and agency ratings; SAE 100R12, EN856 Type R12, DIN856/4SP Performance (sizes -8 thru -16), ABS
- Diamond Advantage: Pressure, temperature, abrasion resistance



| Part Number | Hose I.D. | | | Hose O.D. | | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | | Hose Weight | | Avail. Lengths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | fraction | mm | in | fraction | bar | psi | bar | psi | mm | in | Kg/m | lbs/100ft | feet |
| H43006<br>H43006-100 | 9,5 | 0.38 | 3/8 | 20,1 | 0.79 | 53/64 | 448 | 6,500 | 1792 | 26,000 | 62,5 | 2.50 | 21,4 | 47 | 50<br>100 |
| H43008<br>H43008-100<br>H43008-150 | 12,7 | 0.50 | 1/2 | 23,4 | 0.92 | 15/16 | 414 | 6,000 | 1656 | 24,000 | 90,0 | 3.50 | 26,8 | 59 | 50<br>100<br>150 |
| H43010 | 15,9 | 0.63 | 5/8 | 28,2 | 1.11 | 1-7/64 | 414 | 6,000 | 1656 | 24,000 | 100,0 | 4.00 | 31,4 | 69 | 50 |
| H43012<br>H43012-100<br>H43012-150 | 19,1 | 0.75 | 3/4 | 30,5 | 1.20 | 1-7/32 | 379 | 5,500 | 1516 | 22,000 | 120,0 | 4.75 | 41,8 | 92 | 50<br>100<br>150 |
| H43016<br>H43016-100<br>H43016-150 | 25,4 | 1.00 | 1 | 37,6 | 1.48 | 1-33/64 | 352 | 5,100 | 1408 | 20,400 | 150,0 | 6.00 | 55,5 | 122 | 50<br>100<br>150 |
| H43020<br>H43020-100<br>H43020-150 | 31,8 | 1.25 | 1-1/4 | 46,5 | 1.83 | 1-7/8 | 310 | 4,500 | 1240 | 18,000 | 210,0 | 8.25 | 74,5 | 164 | 50<br>100<br>150 |
| H43024<br>H43024-100<br>H43024-150 | 38,1 | 1.50 | 1-1/2 | 55,0 | 2.18 | 2-1/8 | 276 | 4,000 | 1104 | 16,000 | 250,0 | 10.00 | 95,5 | 210 | 50<br>100<br>150 |
| H43032<br>H43032-100 | 50,8 | 2.00 | 2 | 68,3 | 2.69 | 2-21/32 | 276 | 4,000 | 1104 | 16,000 | 320,0 | 12.50 | 127,7 | 281 | 50<br>100 |

**Inner Tube:**
Synthetic rubber tube

**Reinforcement:** 4 Spiral Steel Plies

**Cover:** WeatherSHIELD Synthetic rubber cover

**Temp. Range:**
-40°C to +127°C
(-40°F to +260°F)

**Typical Application:**
For very high pressure hydraulic lines subjected to pressure surges and flexing. Typical applications include construction, mining, farming, and high performance industrial equipment.

**MSHA Accepted**

**Marine Application J1942/1 - Hydraulic only, ABS**

| Hose Fitting Reference |
|---|
| C-O-C |
| 430 'U' Series No Skive |

Eaton Catalog Page J-58-68

## 430U SERIES HOSE FITTINGS

| | PN | DESCRIPTION |
|---|---|---|
| | 43008U-108 | Male Pipe Rigid |
| | 43008U-508 | JIC 37D Male Rigid |
| | 43012U-612 | JIC 37D Female Swivel |
| | 43008U-668 | JIC 37D Fem Sw 90D Tube Elbow |
| | 43008U-688 | JIC 37D Fem Sw 45D Tube Elbow |
| | 43008U-S68 | Female FOR-SEAL Swivel Straight |

## EATON WEATHERHEAD H039 SUCTION HOSE

- For suction and discharge of petroleum products
- SAE 100R4, 1/2 SAE Bend Radius




| Part Number | Hose I.D. | | | Hose O.D. | | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | | Vacuum Service | Hose Weight | | Avail. Lengths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | fraction | mm | in | fraction | bar | psi | bar | psi | mm | in | Hg | Kg/m | lbs/100ft | feet |
| H03912<br>H03912-100<br>H03912-150 | 19,1 | 0.75 | 3/4 | 32,5 | 1.28 | 1-9/32 | 20,1<br>6,9 | 300<br>100* | 82,7<br>27,6 | 1,200<br>400* | 63,5 | 2.50 | 25 | 20,0 | 44 | 50<br>100<br>150 |
| H03916<br>H03916-100<br>H03916-150 | 25,4 | 1.00 | 1 | 38,1 | 1.50 | 1-1/2 | 17,2<br>4,8 | 250<br>70* | 69,0<br>19,3 | 1,000<br>280* | 76,2 | 3.00 | 25 | 23,6 | 52 | 50<br>100<br>150 |
| H03920<br>H03920-100<br>H03920-150 | 31,8 | 1.25 | 1-1/4 | 46,4 | 1.83 | 1-53/64 | 113,8<br>3,4 | 200<br>50* | 55,2<br>13,8 | 800<br>200* | 101,6 | 4.00 | 25 | 34,0 | 75 | 50<br>100<br>150 |
| H03924<br>H03924-100<br>H03924-150 | 38,1 | 1.50 | 1-1/2 | 52,8 | 2.08 | 2-5/64 | 10,3 | 150 | 41,4 | 600 | 127,0 | 5.00 | 25 | 38,6 | 85 | 50<br>100<br>150 |
| H03932<br>H03932-100<br>H03932-150 | 50,8 | 2.00 | 2 | 66.3 | 2.61 | 2-39/64 | 6,9 | 100 | 27,6 | 400 | 152,4 | 6.00 | 25 | 52,6 | 116 | 50<br>100<br>150 |

**Inner Tube:** CPE

**Reinforcement:** 1 helical cable wire between two textile layers. 1 Fiber Braid.

**Cover:** Neoprene

**Temp. Range:**
-40°C to +135°C
(-40°F to +275°F)

**Typical Application:**
Hydraulic Suction Hose

**Marine Application**
**J1942/1 - Hydraulic only.**
**ABS[1], MSHA Accepted**

[1] See pages A-33-34 for applicable service pressures, required fire sleeves and qualified hose ends.

*When used with 039 'K' and 'K' Series Ends and 6203 clamps.

| Hose Fitting Reference | Eaton Catalog Page |
|---|---|
| *C-D-C* | |
| 'S' Series (-12 to -20) | J-38 |
| 'U' Series (-12 to -20) | J-39-57 |
| 430 'U' Series (-24 & -32) | J-58-68 |
| 'Z' Series | J-69-94 |
| *Field Attachable* | |
| 'K' Series (-12 to -20) | K-14 |
| 039 'K' Series (-12 to -20) | K-15 |

## EATON WEATHERHEAD ET1000 PORTABLE CRIMPER & TOOLING

- Broad crimp capability with an ease-of-use
- Comes with an air hydraulic pump and equipped with a stand pre-drilled for mounting to a workbench or table-top
- Includes Z Series (1 & 2 Wire Braided) collets for hose sizes 1/4, 3/8, 1/2, 3/4, 1

| | PN | POWER SOURCE | WEIGHT |
|---|---|---|---|
|  | ET1000-016 | Hand Pump | 70 lbs (less pump) |
| | ET1000-017 | Air/Hydraulic | |
| | ET1000-018 | 110V | |

## EATON WEATHERHEAD ET420 STATIONARY CRIMPER & TOOLING

- Versatile machine ideal for shop, factory, construction and mine locations
- Big capacity combined with lever-activated crimping for wide coverage and a quick and simple way to make factory-quality hose assemblies
- Comes with a 220V pump
- Includes tooling to crimp:
  - Z Series (1 & 2 Wire Braided) collets for hose sizes 1/4, 3/8, 1/2, 5/8, 3/4, 1
  - 430U (4 Spiral) collets for hose sizes 1/2, 3/4, 1, 1-1/4

| | PN | POWER SOURCE | WEIGHT / SIZE |
|---|---|---|---|
|  | ET420-004 | 220V | 210 lbs 22" H × 10" L × 20-1/2" D |
| | ET420-005 | 110V | |

## EATON WEATHERHEAD ET4020 SERIES STATIONARY CRIMPER & TOOLING

- Programmable electronic keypads with 10 presets which simplify the hose crimping operation by allowing the machine operator to enter a pre-determined setting for a specific hose type and size
- Automatically crimps to the exact crimp diameter required for that type and size
- Comes with a 115V pump
- Includes tooling to crimp:
  - Z Series (1 & 2 Wire Braided) for hose sizes 3/8, 1/2, 5/8, 3/4, 1, 1-1/4
  - 430U (4 Spiral) for hose sizes 3/8, 1/2, 5/8, 3/4, 1, 1-1/4

| | PN | POWER SOURCE | WEIGHT / SIZE |
|---|---|---|---|
|  | ET4020-006 | 115V | 238 lbs 12-3/4" H × 25-3/4" L × 28-1/2" D |
| | ET4020-XXX | 220V | |

Ask us about our Eaton customer equipment placement programs.

## EATON WEATHERHEAD ET4001 SERIES STATIONARY CRIMPER & TOOLING

- Ideal for factory, high performance machine operations, construction and mine locations
- Offers the capabilities of crimping all of the crimp-style hose ends Weatherhead offers
- Comes with a 220V pump
- Includes tooling to crimp:
  - Z Series collet set for hose sizes 1/4, 3/8, 1/2, 3/4, 1 (ET400TP-0001 not included but available for additional fee)
  - 4SP Series (4 Spiral) collets for hose sizes 3/4, 1
  - 6SP Series (6 Spiral) collets for hose sizes 1-1/4, 1-1/2, 2

| | PN | POWER SOURCE | WEIGHT / SIZE |
|---|---|---|---|
|  | ET4001-010 | 220V | 250 lbs<br>29″ H × 12″ L × 21″ D |

## EATON WEATHERHEAD ET9100 HOSE SAW

- Direct drive to blade hose cutting machine
- 7″ blade that will cut up to 1-1/4″ braided and spiral hoses
- Designed to cut faster with less power and less debris, heat and smoke, and requires less force to cut

| | PN | POWER SOURCE | WEIGHT / SIZE |
|---|---|---|---|
|  | ET9100-07-110 | 2 hp, 110V | 58 lbs<br>24″ H × 14″ L × 14″ D |

## EATON WEATHERHEAD T-71 HOSE SAW

- Handles all 1 and 2 braided wire hose through 4″ ID, up to 2″ ID 4-spiral and up to 1-1’2″ ID 6 multi-spiral reinforced hose
- Ideal for cutting most hydraulic and pneumatic hoses as well as a variety of industrial fluid transfer hoses
- 14″ cutting blade (T-1070) for cutting all 1 & 2 wire braid and through 2″ 4-sprial hose

| | PN | POWER SOURCE | WEIGHT / SIZE |
|---|---|---|---|
|  | T-71 | 115V | 85 lbs<br>22″ H × 19″ L × 25″ D |

Ask us about our Eaton customer equipment placement programs.

## GATES M2T® MEGAFLEX® 2-WIRE BRAID HOSE

- Meets Flame Resistance Acceptance Designation "MSHA 2G", and ISO11237 2SC R16
- Recommended For: High–pressure hydraulic oil lines. Exceeds SAE 100R16 and ISO11237 2SC R16 requirements and performance requirements of EN 857 2SC. M2T hose has smaller exterior dimensions and significantly tighter bend radius
- Tube: Black, oil resistant, synthetic rubber (Nitrile – Type C). See Hose Stock Characteristics
- Reinforcement: Two braids of high–tensile steel wire
- Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile –Type C2), with color coded layline. Also available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics
- Temperature Range: –40°F to +212°F (–40°C to +100°C). For water emulsions see Temperature Limits Table
- Coupling Recommendation (See Crimp Data Manual 428-7365 or E-Crimp):
  - GlobalSpiral™ Couplings (G20) Section E
  - GlobalSpiral™ Plus Couplings (–24 and –32) (G22) Section E
  - MegaCrimp® Couplings (G25) Section G
  - Stainless Steel Braid Couplings (G17) Section H




| Part No. | Description | Product No. | Standard Pack | ⊖ | ◯ | | | |
|---|---|---|---|---|---|---|---|---|
| 85600 | 4M2T X50FT | 4657-1553 | 1 | 1/4 | .56 | 6000 | 24000 | 1.5 |
| 71102 | 4M2TX150REEL | 4657-4422 | 150 | 1/4 | .56 | 6000 | 24000 | 1.5 |
| 70390 | 4M2TXREEL | 4657-1552 | 550 | 1/4 | .56 | 6000 | 24000 | 1.5 |
| 85601 | 6M2T X50FT | 4657-1550 | 1 | 3/8 | .70 | 5000 | 20000 | 2.0 |
| 70391 | 6M2TXREEL | 4657-1555 | 385 | 3/8 | .70 | 5000 | 20000 | 2.0 |
| 85602 | 8M2T X50FT | 4657-1561 | 1 | 1/2 | .82 | 4300 | 17200 | 2.8 |
| 70392 | 8M2TXREEL | 4657-1559 | 330 | 1/2 | .82 | 4300 | 17200 | 2.8 |
| 85603 | 10M2T X50FT | 4657-1564 | 1 | 5/8 | .95 | 3800 | 15200 | 3.0 |
| 70393 | 10M2TXREEL | 4657-1563 | 220 | 5/8 | .95 | 3800 | 15200 | 3.0 |
| 85604 | 12M2T X50FT | 4657-1568 | 1 | 3/4 | 1.11 | 3500 | 14000 | 3.8 |
| 70394 | 12M2TXREEL | 4657-1567 | 220 | 3/4 | 1.11 | 3500 | 14000 | 3.8 |
| 85605 | 16M2T X50FT | 4657-1572 | 1 | 1 | 1.39 | 2500 | 10000 | 4.5 |
| 70395 | 16M2TXREEL | 4657-1571 | 165 | 1 | 1.39 | 2500 | 10000 | 4.5 |
| 70025 | 20M2T X CTN | 4657-4534 | 120 | 1 1/4 | 1.67 | 2300 | 9200 | 8.3 |
| 70145 | 24M2T X CTN | 4657-4491 | 120 | 1 1/2 | 2.00 | 2000 | 8000 | 10.0 |
| 70146 | 32M2T X CTN | 4657-4492 | 120 | 2 | 2.53 | 1500 | 6000 | 12.5 |

## MEGACRIMP HOSE FITTINGS



| PN | DESCRIPTION |
|---|---|
| G25100 | Male Pipe |
| G25110 | Female Pipe |
| G25111 | Female Pipe Swivel |
| G25150 | Female JIC 37 Swivel 90 |
| G25165 | Male JIC 37 |
| G25170 | Female JIC 37 Swivel |

## GATES EFG4K SPIRAL WIRE HOSE

- For biodegradable hydraulic fluids
- Meets Flame Resistance Acceptance Designation "MSHA 2G"
- Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and ISO 3862 Type R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths
- Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics
- Reinforcement: Four alternating layers of spiraled, high-tensile steel wire
- Cover: Black, oil resistant, synthetic rubb VT7DSWB42XL01A1W1 or (Polychloroprene — Type A), with color coded layline. Also available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.
- Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.
- Coupling Recommendation (See Crimp Data Manual 428-7365 or E-Crimp): GlobalSpiralTM Couplings (G20) Section E and Stainless Steel Spiral Couplings (G18) Section F




| Part No. | Description | Product No. | Standard Pack | | | | | |
|---|---|---|---|---|---|---|---|---|
| 70157 | 6EFG4K X REEL | 4651-0117 | 300 | 3/8 | .80 | 4000 | 16000 | 2.5 |
| 85477 | 6EFG4K X25FT | 4651-4005 | 1 | 3/8 | .80 | 4000 | 16000 | 2.5 |
| 85491 | 6EFG4K X50FT | 4651-1430 | 1 | 3/8 | .80 | 4000 | 16000 | 2.5 |
| 70811 | 6EFG4KXCTN | 4651-1338 | 100 | 3/8 | .80 | 4000 | 16000 | 2.5 |
| 70158 | 8EFG4K X REEL | 4651-0118 | 230 | 1/2 | .94 | 4000 | 16000 | 3.5 |
| 85478 | 8EFG4K X25FT | 4651-4006 | 1 | 1/2 | .94 | 4000 | 16000 | 3.5 |
| 85492 | 8EFG4K X50FT | 4651-1431 | 1 | 1/2 | .94 | 4000 | 16000 | 3.5 |
| 70863 | 8EFG4KXCTN | 4651-1339 | 100 | 1/2 | .94 | 4000 | 16000 | 3.5 |
| 70976 | 8EFG4KXLL | 4651-1611 | 200 | 1/2 | .94 | 4000 | 16000 | 3.5 |
| 70159 | 10EFG4K X REEL | 4651-0119 | 200 | 5/8 | 1.09 | 4000 | 16000 | 4.0 |
| 85479 | 10EFG4K X25FT | 4651-4007 | 1 | 5/8 | 1.09 | 4000 | 16000 | 4.0 |
| 70813 | 10EFG4KXCTN | 4651-1367 | 100 | 5/8 | 1.09 | 4000 | 16000 | 4.0 |
| 70166 | 12EFG4K X REEL | 4651-0126 | 200 | 3/4 | 1.21 | 4000 | 16000 | 4.7 |
| 85480 | 12EFG4K X25FT | 4651-4011 | 1 | 3/4 | 1.21 | 4000 | 16000 | 4.7 |
| 85494 | 12EFG4K X50FT | 4651-1432 | 1 | 3/4 | 1.21 | 4000 | 16000 | 4.7 |
| 70831 | 12EFG4KXCTN | 4651-1282 | 100 | 3/4 | 1.21 | 4000 | 16000 | 4.7 |
| 70717 | 12EFG4KXLL | 4651-1385 | 200 | 3/4 | 1.21 | 4000 | 16000 | 4.7 |
| 85481 | 16EFG4K X25FT | 4651-4012 | 1 | 1 | 1.50 | 4000 | 16000 | 6.0 |
| 85495 | 16EFG4K X50FT | 4651-1433 | 1 | 1 | 1.50 | 4000 | 16000 | 6.0 |
| 70807 | 16EFG4K X100FT | 4651-1460 | 100 | 1 | 1.50 | 4000 | 16000 | 6.0 |
| 70832 | 16EFG4KXCTN | 4651-1283 | 100 | 1 | 1.50 | 4000 | 16000 | 6.0 |
| 70718 | 16EFG4KXLL | 4651-1386 | 200 | 1 | 1.50 | 4000 | 16000 | 6.0 |
| 85482 | 20EFG4K X25FT | 4651-4013 | 1 | 1 1/4 | 1.85 | 4000 | 16000 | 8.2 |
| 85438 | 20EFG4K X50FT | 4651-1520 | 1 | 1 1/4 | 1.85 | 4000 | 16000 | 8.2 |
| 70833 | 20EFG4KXCTN | 4651-1284 | 50 | 1 1/4 | 1.85 | 4000 | 16000 | 8.2 |
| 70719 | 20EFG4KXLL | 4651-1387 | 200 | 1 1/4 | 1.85 | 4000 | 16000 | 8.2 |

## GLOBAL SPIRAL HOSE ENDS



| PN | DESCRIPTION |
|---|---|
| G20100 | Male Pipe |
| G20165 | Male JIC 37° Flare |
| G20170 | Female JIC 37° Flare Swivel |
| G20179 | Female JIC 37° Flare Swivel — 90° Bent Tube |
| G20174 | Female JIC 37° Flare Swivel — 45° Bent Tube |
| G20230 | Female Flat-Face O-Ring Swivel |

## GATES GMV GLOBAL MEGAVAC® RETURN LINE & SUCTION HOSE

- Meets Flame Resistance Acceptance Designation "MSHA 2G"
- Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE 100R4. Uses half the bend radius of SAE 100R4. Meets marine ABS with use of HeatGuard® high temp sleeve.
- Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.
- Reinforcement: Double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse.
- Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.
- Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.
- Coupling Recommendation (See Crimp Data Manual 428-7365 or E-Crimp): GL Couplings (-12 through -40) (G43) Section M, "Global Spiral" Plus Couplings (-24 and -32) (G22) Section E, and Mega Crimp® Couplings (-12 through -20) (G25) Section G
- Use clamp over beaded nipple.




| Part No. | Description | Product No. | Standard Pack | ⊖ | IO | | | | ○ |
|---|---|---|---|---|---|---|---|---|---|
| 85677 | 12GMV X25FT | 4504-0961 | 1 | 3/4 | 1.22 | 350 | 1400 | 2.5 | 25 |
| 70184 | 12GMVXCTN | 4504-0123 | 100 | 3/4 | 1.22 | 350 | 1400 | 2.5 | 25 |
| 85678 | 16GMV X25FT | 4504-0962 | 1 | 1 | 1.45 | 300 | 1200 | 3.0 | 25 |
| 70185 | 16GMVXCTN | 4504-0003 | 100 | 1 | 1.45 | 300 | 1200 | 3.0 | 25 |
| 85679 | 20GMV X25FT | 4504-0963 | 1 | 1 1/4 | 1.76 | 250 | 1000 | 4.0 | 25 |
| 70186 | 20GMVXCTN | 4504-0004 | 100 | 1 1/4 | 1.76 | 250 | 1000 | 4.0 | 25 |
| 85683 | 24GMV X25FT | 3105-0030 | 1 | 1 1/2 | 2.01 | 160 | 640 | 5.0 | 25 |
| 70136 | 24GMV X100FT | 3105-0004 | 100 | 1 1/2 | 2.01 | 160 | 640 | 5.0 | 25 |
| 85684 | 32GMV X25FT | 3105-0031 | 1 | 2 | 2.51 | 115 | 460 | 6.0 | 25 |
| 70137 | 32GMV X100FT | 3105-0006 | 100 | 2 | 2.51 | 115 | 460 | 6.0 | 25 |
| 70147 | 36GMVXCTN* | 3105-0008 | 100 | 2 1/4 | 2.76 | 90 | 360 | 7.0 | 25 |
| 70138 | 40GMV X100FT | 3105-0010 | 100 | 2 1/2 | 3.02 | 70 | 280 | 7.0 | 25 |
| 70139 | 48GMV X100FT | 3105-0014 | 100 | 3 | 3.51 | 60 | 240 | 9.0 | 25 |
| 70140 | 56GMV X100FT | 3105-0015 | 100 | 3 1/2 | 4.01 | 55 | 220 | 10.0 | 25 |
| 70141 | 64GMV X100FT | 3105-0018 | 100 | 4 | 4.51 | 55 | 220 | 12.0 | 25 |

*Stem and clamp only, no Gates couplings available.

## MOBILECRIMP® 4-20



- The latest in high tech crimping
- Portable and lightweight — only 57 lbs
- Powerful enough to crimp up to 1-1/4" ID four spiral-wire hose
- Great for jobs in the field

## SC-32™ CRIMPER



- Compact design to minimize space required
- High-ton ram force with an integrated pump
- Pump pre-wired for either 110 Volt or 220 Volt (1 phase) outlets
- Bottom-loading makes crimping easier
- Comes with all the base plates and spacers required to crimp up to 2" hose

## POWER CRIMP® 707



- The most precise, yet simplest crimper made
- The first crimper with electronic digital readout to indicate crimp diameter setting
- Crimps low pressure return lines to high pressure spiral hose, from 3/16" to 1-1/4" ID four-spiral wire
- Crimps straight and bent tube couplings plus 45° and 90° block types
- Swage capable

## GC32TSi™ HYDRAULIC HOSE CRIMPER



- Intuitive, easy-to-use computer touch-screen ensures a perfect crimp every time; simply touch the icons for the hose and coupling you want to use, and the screen lists the proper dies while providing complete, up-to-date crimping specs using Gates eCrimp™ data
- Innovative new smart crimper includes all the necessary tools and information onboard to crimp factory-quality hose assemblies

## GATES POWER CUTTER 208

**Features Advantages:**

- Clear face shield for added safety
- Cuts small 3/16" ID hose and handles the tough job including 2" ID spiral wire hose. (Optional abrasive blade preferred for cutting spiral-wire hose, larger than 1-1/4" ID)
- Easy to use, front face plate with moveable pins holds hose securely for a clean straight cut
- Effortless straight cuts every time
- Includes scalloped, 12" blade to dissipate heat, reducing friction for clean, faster cuts up to 1-1/4" ID
- Optional abrasive blade for continuous use with 1-1/4" ID and larger spiral-wire reinforced hose
- Permanent mounting brackets (included) to attach saw to table
- Powerful high torque, 4.5 horsepower peak motor that makes cutting faster and easier
- Reversible blade can be sharpened; removal and installation is easy
- Safely cuts two and four-wire hose through 2", six-wire hose through 1-1/4"
- Sturdy blade guard shields blade for safety



**Specifications:**

- Blade Dimensions: 12" by 1/8"
- Dimensions: 78028 — 22-1/2" wide by 18-1/4" length by 23-1/2" high
- No Load Speed: 3,500 rpm
- Power Source: 4.5 hp Peak, 115/50/60 Hz, 20 amps
- Shaft/Arbor Hole Diameter: 1"
- Weight: 65 lb

Ask us about our Gates customer equipment placement programs.

## FRUITLAND™ ROTARY VANE VACUUM PUMP



- RCF500 Rotary Vane Vacuum Pumps are designed to work in all types of liquid waste handling markets including oil and gas fracturing, environmental, industrial and septic industries
- Fruitland's 500 series pumps are the most widely used throughout the industry. The LUFH designates Left hand rotation, Upper diverter valve with a Filter box and a Hydraulic drive adapter plate. The 500 series pumps use less oil than any other rotary vane pump in the industry.

## MASPORT® HXL SERIES II VACUUM/PRESSURE PUMP



- Achieve minimum 27" Hg (Intermittent)
- Precise machining and assembly
- Heavy duty bearings
- Viton oil deals for longer device life
- Kevlar vanes are heat stabilized and machined with exacting tolerances for superior ruggedness and durability
- Easy to service and superior pump life

## RANGER® GEAR PUMP



- Precision built helical gear pump for industrial applications
- Capacity range available from 25 gpm to 360 gpm and pressures to 125 psi
- Designed to use as low speed pumps for both low and high viscosity liquids
- Ranger Pumps and all parts are directly interchangeable with Roper® Pumps & Parts

## BLACKMER® SLIDING VANE PUMP



- Unique sliding-vane pump design self-adjusts for wear to maintain flow rates
- Excellent self-priming and dry-run capabilities
- Dual-ended shaft on 2-, 2.5- and 3-inch models simplifies installation
- Blackmer mechanical seal and ball-bearing construction provide maximum reliability
- Symmetrical bearing support assures even loading and wear for long life
- Adjustable relief valve protects pump against excessive pressures
- External ball-bearings are isolated from pumpage by mechanical seals to maximize bearing life and minimize contamination risk
- Easy maintenance; vanes can be easily replaced — without removing pump from truck

Product available at select locations.

## CHALLENGER® VACUUM PUMP



- Superior cooling for extended operations in severe conditions
- Proven crash protection allowing all major components to survive a catastrophic failure
- Oversized heavy duty roller bearings allowing more drive options
- Precision pinned endplates for exact reassembly alignment
- High strength castings poured in the USA
- High temp Teflon oil lines allowing visual oil flow inspection
- Remote mount 5 quart clear oil tank for constant oil level monitoring
- Four point automatic lubrication system
- Liquid or fan cooled versions of each model

## ROPER® GEAR PUMP



- Available for 3648, 3748 & 3848
- Intergral bi-directional relief valve
- Same performance as our proven 3600 Series
- Direction relief valves
- Easy-to-maintain design
- Torture tested
- Life exceeded 12,000 fully reversed cycles

## THERMAFLOW® COOLER ASSEMBLIES

Thermaflow Model 675 Behind-Cab Unit is mounted behind the cab and across the frame rails, keeping the unit completely free from road debris. This unit is a powerhouse, boasting twice the capacity of our frame mount models. This allows you to drive higher horsepower applications like bulk feed trailers, VAC pumps and pneumatic blowers.



Model 675




Model 934

- Strong Design: Stainless steel construction ensures great looks and long life. Unlike steel units, does not rust and is easily shined to keep your trucks looking top-of-the-line
- Heavy Duty: Our most powerful model, suitable for the toughest and most demanding mobile hydraulic applications
- "No-Drill" Optional Mounting Kit: Instead of drilling into the frame rails, mount your unit instead with an optional set of clips. Just as strong as drilling, these clips make the unit easier and faster to install and don't compromise the integrity of your frame
- Additional electric and hydraulic models available, ask for details

Product available at select locations.

## VANE PUMPS

### Single Vane Pump — PN VT7DSWB42XL01A1W1

- 5" pilot, SAE 4 bolt flange J518, 1.25" keyed SAE – C Shaft, suction port 2.5" SAE 4 bolt, pressure port 1-1/4" SAE 4 bolt
- Buna seals
- Top porting with top suction
- Very popular on many newer front loaders from Heil and McNeilus, as well as various rear loaders

| | CROSS REFERENCE | OEM |
|---|---|---|
|  VT7DSWB42XL01A1W1 | PT7DSWB42XL01A1W1<br>740061310002 | Permco |
| | PT7DSWB42XL01A1W1 | Parker |
| | 219-2303-001, 2192303 | Heil |

### Double Vane Pump 5" Pilot — PN VT6DCMB35B282L11C100

- 5" pilot, SAE 2 bolt flange, 1.25" keyed shaft (no SAE), suction port 3" SAE 4 bolt (UNC), P1 port 1.25" SAE 4 bolt (UNC), P2 port 1" SAE 4 bolt (UNC)
- Buna seals
- Side portion, P1 at 90° from suction, and suction opposite P2
- Used on a number of side loader applications, most commonly the Labrie side loader

| | CROSS REFERENCE | OEM |
|---|---|---|
|  VT6DCMB35B282L11C100 | PT6DCMB35B282L11C100<br>6430-2131-0025 | Permco |
| | 6DCMB35B282L11C100 | Parker |
| | HYP01496 | Labrie |
| | 1537629 | McNeilus |

### Double Vane Pump 4" Pilot — PN VT6CCZB25B25WL00D100

- 4" pilot, SAE B 2 bolt flange J744c, 1.25 keyed shaft, suction port 3" SAE 4 bolt (UNC), P1 and P2 ports 1" SAE 4 bolt (UNC)
- Buna seals
- Side porting, suction opposite pressure
- Used on a number of side loader applications, most commonly the Heil side loader

| | CROSS REFERENCE | OEM |
|---|---|---|
|  VT6CCZB25B25WL00D100 | PT6CCZB25B25WL00D100 | Permco |
| | T6CCZB25B25WL00D100 | Parker |
| | 219-2293 | Heil |

## VANE PUMPS, continued

VELJAN

### Single Vane Pump 5" Pilot — PN VT6DW0382L03B1

- 5" pilot, SAE 2 bolt flange, 1.25 keyed shaft (no SAE), suction port 2" SAE 4 bolt (UNC), pressure port 1-1/4" SAE 4 bolt (UNC)
- Buna seals
- Side porting, suction at 9 o'clock position and pressure 90° from suction
- Used on a number of side loader applications, most commonly the Labrie Expert 2000 side loader

| | CROSS REFERENCE | OEM |
|---|---|---|
|  VT6DW0382L03B1 | PPT6DW0382L03B1 | Permco |
| | HYP01470-01 | Labrie |
| | 705070 | Labrie |
| | 1537766 | McNeilus |

## GEAR PUMPS

PERMCO

### SAE B 2/4 Bolt Mounting Flange — PN P5151A224AAXQ2554

- Rear ports (2) 1-1/2" NPT side ports (2) 1-1/2" NPT 2 extended studs, SAE B 7/8" – 13 spline output shaft, 2-1/2" gear set
- A very popular gear with both side and rear ports as options
- A 2-1/2" gear set make it ideally suited for many roll-off hoist applications as well as some of the older rear loaders

| | CROSS REFERENCE | OEM |
|---|---|---|
|  P5151A224AAXQ2554 | PL12702BPBB | Muncie |
| | P51A346YRYR2565 | Parker |
| | A3789 | Gailbreath |

### P5151, SAE B 4 Bolt Flange — PN P5151A231AA12ZA2587

- BB 1" 15 spline output shaft, rear ports (2) 1-1/2" NPT, no side ports, extended studs, 2-1/2" gear set
- A popular gear pump having 1-1/2" NPT rear ports and a 2-1/2" gear set for larger output flow
- 1" 15 spline makes it ideally suited for many roll-off hoist applications, especially Gailbreath and some other brands as well as some of the older rear loaders

| | CROSS REFERENCE | OEM |
|---|---|---|
|  P5151A231AA12ZA2587 | P5151A231AAZA2587 | Permco |
| | A4250 | Gailbreath |

## GEAR PUMPS, continued

### SAE B 4 Bolt Flange — PN P76A578AAON2211

- CCW rotation dry valve pump, SAE C 4 bolt mounting flange SAE C 1-1/4" × 5/16" keyed shaft 2" × 1-1/4 split flange porting, 3/8 O.B (2) rear ports for testing or bleed line, 2.2" gear set, comes with adapter ring for both Muncie and commercial dry valves
- Common on many older front loaders like Leach and Dempster, and some Heil, also on larger 31 YRD rear loaders from Leach and Heil

| | CROSS REFERENCE | OEM |
|---|---|---|
|  P76A578AAON2211 | P7600A467ADNM2200DV VP42-4COFLDV | Permco |
| | PMM14007CFSL, PMM407CFSL | Muncie |
| | 312-3501, 612-2800, 219-1685, 219-1892, 219-1762 | Heil |

### SAE C 4 Bolt Mounting Flange — PN P360A467EDSPLZA25TPR

- CCW rotation pump, tapered shaft with end yoke, porting SF 2" side port on the right inlet and 1.25" side port on the left outlet, 2.5" gear set
- Commonly used on McNeilus

| | CROSS REFERENCE | OEM |
|---|---|---|
|  P360A467EDSPLZA25TPR | 1373307 | McNeilus |
| | 1419938 | McNeilus |
| | 322-9110-241 | Parker |
| | 322-9110-253 | Parker |

### Refuse Un-Loader Pump — PN VP42-4C0FLFC

- 42 gpm pump SAE 4 bolt B mount, SAE B 11/4 keyed shaft, porting 2" inlet 1-1/4", outlet 2", inlet 1-1/4" bypass

| | CROSS REFERENCE | OEM |
|---|---|---|
|  VP42-4C0FLFC | 100-15-1407 | Witke |
| | 219-1998 | Heil |
| | 2109627 | EZ Pack |
| | MLSM4007CFSLV00 | Muncie |
| | HYP01175 | Labrie |
| | 105963 | Neway |

## VALVE PARTS



DV20K113



DV20K2



DV35K213



DV35K12



VM7-2B2020



VM-10

| | CROSS REFERENCE | OEM | BRAND |
|---|---|---|---|
| | **DVA20 OR VA20 AIR ACTUATOR — PN DV20K113** | | **Parker** |
| | 391-1873-206 | Parker | |
| | 031-6373 | Heil | |
| | T1326 | GHM | |
| | 2104008 | E-Z Pack | |
| | **DVA20 OR VA20 SPOOL SEAL KIT — PN DV20K2** | | **Parker** |
| | 391-1873-036 | Parker | |
| | 2101894 | E-Z Pack | |
| | 031-6367-200 | Heil | |
| | **DVA35 OR VA35 AIR ACTUATOR — PN DV35K213** | | **Parker** |
| | 031-3272 | Heil | |
| | 031-5772 | Heil | |
| | 100-1-0213 | WIT | |
| | 5501918 | E-Z Pack | |
| | HYA00120 | Labrie | |
| | **DVA35 OR VA35 SPOOL SEAL KIT — PN DV35K12** | | **Parker** |
| | 031-3231-015 | Heil | |
| | 100-1-0040 | Witke | |
| | 2101903 | E-Z Pack | |
| | 031-3231-016 | Heil | |
| | 031-3231-014 | Heil | |
| | 031-2925-014 | Heil | |
| | 031-2925-013 | Heil | |
| | H3169 | GHM | |
| | HYJ04104 | Labrie | |
| | **AIR CONTROL — PN VM7-2B2020*** | | **APSCO** |
| | 300-4-2004 | Witke | |
| | 031-3322 | Heil | |
| | A3206 | Gailbreath | |
| | **AIR CONTROL — PN VM-10** | | **APSCO** |
| | 031-6259 | Heil | |
| | 2261145 | PM | |
| | 300-5-0225 | Witke | |
| | 204186 | Leach | |
| | 2045618000 | EZ Pack | |
| | P1021 | GHM | |
| | 2047508000 | EZ Pack | |
| | 2118112 | EZ Pack | |

* In cab air controls commonly used on roll off hoist

## FILTERS & STRAINERS



SBF750912001Z3B



SS2100



SBF1051Z5B



SBF09309Z5V

| CROSS REFERENCE | OEM |
|---|---|
| **RETURN LINE FILTER — PN SBF750912001Z3B** | |
| 075-0912-030 | Helix |
| 075-0953-001 | Helix |
| H1-075-0953-001 | Helix |
| 149-7234 | McNeilus |
| **SUCTION STRAINER — PN SS2100** | |
| 075-0578 | Heil |
| 075-0570 | Heil |
| 2118230 | E-Z Pack |
| **RETURN LINE FILTER — PN SBF1051Z5B** | |
| 075-0705-001 | Helix |
| 1108802 | Helix |
| 510-011-011 | Neway |
| **RETURN LINE FILTER HIGH PRESSURE — PN SBF09309Z5V** | |
| 1408691 | McNeilus |
| 075-0930-001 | Heil |
| H1-075-0930-001 | Heil |
| 140-8691 | Heil |

## FILTERS CARTS



MFD



MFS

| CROSS REFERENCE | OEM |
|---|---|
| **DUAL** | |
| MFD127EWRZ01B07 | 27", 7 gpm, Wand |
| MFD127GWRG01B07 | 27" GEO, 7 gpm, WD |
| **SINGLE** | |
| MFS127G01B07 | 27", 7 gpm, Wand |
| MFS127G01B07G2102 | 27" Geoseal Element |

NOTE: Listed parts are only a small sample of what we are stocking for Refuse Customers. If you need additional parts or components not listed, please call your PDC Sales Rep.

## CAM & GROOVE FITTINGS

# CG-AL-200-A-GR

**CAM & GROOVE**

**MATERIAL**
- AL - ALUMINUM
- SS - STAINLESS STEEL
- BR - BRASS
- DI - CAST IRON
- PP - POLY
- **G - GASKET**

**SIZE**

| | |
|---|---|
| 075 - 3/4” | 1010 - 1”x1” |
| 100 - 1” | 1510 - 1-1/2”x1” |
| 125 - 1-1/4” | 1515 - 1-1/2”x1-1-2” |
| 150 - 1-1/2” | 1520 - 1-1/2”x2” |
| 200 - 2” | 2010 - 2”x1” |
| 250 - 2-1/2” | 2015 - 2”x1-1/2” |
| 300 - 3” | 2020 - 2”x2” |
| 400 - 4” | 2025 - 2”x2-1/2” |
| 500 - 5” | 2030 - 2”x3” |
| 600 - 6” | 3015 - 3”x1-1/2” |
| | 3020 - 3”x2” |
| | 3025 - 3”x2-1/2” |
| | 3030 - 3”x3” |
| | 3040 - 3”X4” |
| | 4020 - 4”x2” |
| | 4030 - 4”x3” |
| | 4040 - 4”x4” |
| | 4060 - 4”x6” |
| | 6040 - 6”x4” |
| | 6060 - 6”X6” |

**TYPE**
- A - FEMALE THREAD x MALE ADAPTER
- B - FEMAL COUPLER x MALE THREAD
- C - FEMAL COUPLER x HOSE SHANK
- D - FEMALE COUPLER x FEMALE THREAD
- E - MALE ADPATER x HOSE SHANK
- F - MALE ADAPTER x MALE PIPE
- DC - DUST CAP
- LDC - LOCKING DUST CAP
- DP - DUST PLUG
- DPH - DUST PLUG WITH HANDLE
- AA - MALE ADAPTER x MALE ADAPTER
- DA - FEMALE COUPLER x MAKE ADAPTER
- DD - FEMALE COUPLER x FEMALE COUPLER
- HR - HANDLE & RING WITH PINS

**GASKET COLOR**
- GR - GREEN

**GASKET**
- B - BLACK BUNE NBR
- BX - BLACK NBR EXTRA THICK
- T - PTFE ENVELOPE WITH BUNA FILLTER
- BN - NEOPRENE
- E - EPDM
- V - FKM (VITON)
- TA- PTFE (ACCORDIAN)
- FS - FEP/SIL



## CAM & GROOVE FITTINGS


CG-AL-200-A


CG-AL-200-B


CG-AL-200-C


CG-AL-200-D


CG-AL-200-DC


CG-AL-200-E


CG-AL-200-F


CG-AL-300-DP


CG-AL-2020-DD


CG-AL-2020-AA


CG-BR-300-HR†


CG-AL-3020-DA


CG-G-400-B

| PN | DESCRIPTION | SIZE |
|---|---|---|
| CG-AL-200-A | Female Thread × Male Adapter | 2″ |
| CG-AL-300-A | | 3″ |
| CG-AL-400-A | | 4″ |
| CG-AL-200-B | Female Coupler × Male Thread* | 2″ |
| CG-AL-300-B | | 3″ |
| CG-AL-200-C | Female Coupler × Hose Shank* | 2″ |
| CG-AL-300-C | | 3″ |
| CG-AL-400-C | | 4″ |
| CG-AL-200-D | Female Coupler × Female Thread | 2″ |
| CG-AL-300-D | | 3″ |
| CG-AL-400-D | | 4″ |
| CG-AL-200-E | Male Adapter × Hose Shank | 2″ |
| CG-AL-300-E | | 3″ |
| CG-AL-400-E | | 4″ |
| CG-AL-200-F | Male Adapter × Male Pipe | 2″ |
| CG-AL-300-F | | 3″ |
| CG-AL-400-F | | 4″ |
| CG-AL-200-DC | Dust Cap* | 2″ |
| CG-AL-300-DC | | 3″ |
| CG-AL-400-DC | | 4″ |
| CG-AL-300-DP | Dust Plug | 3″ |
| CG-AL-400-DP | | 4″ |
| CG-AL-2020-AA | Male Adapter × Male Adapter | 2″ × 2″ |
| CG-AL-3030-AA | | 3″ × 3″ |
| CG-AL-4040-AA | | 4″ × 4″ |
| CG-AL-3020-DA | Female Coupler × Male Adapter | 3″ × 2″ |
| CG-AL-3040-DA | | 3″ × 4″ |
| CG-AL-4030-DA | | 4″ × 3″ |
| CG-AL-2020-DD | Female Coupler × Female Coupler | 2″ × 2″ |
| CG-AL-3030-DD | | 3″ × 3″ |
| CG-AL-4040-DD | | 4″ × 4″ |
| CG-BR-300-HR† | Handle & Ring | 3″, 4″ & 5″ |
| CG-G-200-B | Replacement Gaskets | 2″ |
| CG-G-300-B | | 3″ |
| CG-G-400-B | | 4″ |
| CG-G-200-E | Replacement Gaskets | 2″ |
| CG-G-300-E | | 3″ |
| CG-G-400-E | | 4″ |

* Supplied w/ black NBR gasket and Stainless steel handles and pins
† Denotes application of a California Prop 65 warning as follows: ⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov.

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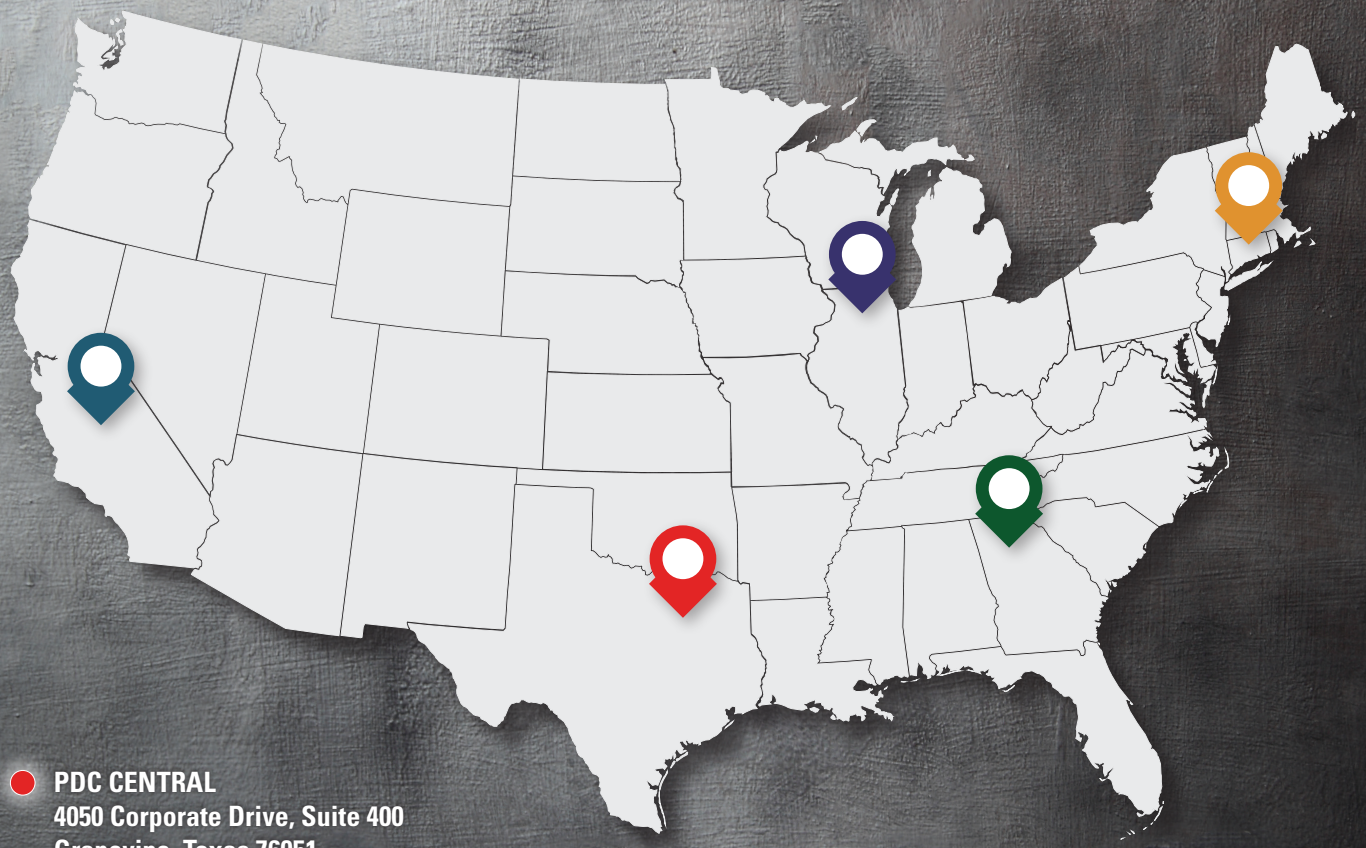

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