



UPDATED 06/10/09

REFERENCE GUIDE

K S A & A

KITS SERVICE ASSEMBLIES & ACCESSORIES

Updated 06/10/09



MACK TRUCKS, INC.
2100 MACK BOULEVARD
P.O. BOX M
ALLENTOWN, PA 18105-5000

2008

**TO: MACK SUBSIDIARIES AND DISTRIBUTORS
ATTENTION: PARTS MANAGER**

SUBJECT: KITS, SERVICE ASSEMBLIES AND ACCESSORIES CATALOG

This online KSA&A Catalog replaces the paper catalog (August, 2006). It is an excellent reference to help service your customers. This catalog contains new and updated information in several areas and is updated as necessary. For your convenience hyperlinks have been added to the index. Just click on the hyperlink to go to that section of the catalog.

Due to ongoing changes, we no longer reference "2QS" Service Cabs and "1QS" Cab Shells in the Kits Service Assemblies and Accessories (KSA&A) Catalog. Requests for "1QS" and "2QS" cabs should be faxed to the Parts Specifications Department at 610-709-3088.

Keep in mind that in some cases groomed replacement cabs are not an exact match to your customers' existing cab. **Before quoting your customer a price, please refer to your particular model in the Cab section of this catalog (pages 20-41).** This will reference the features that are included in your 2QS Service Cab. **Please note: CHN/CXN Service Cabs: There is no groomed cab for an automatic transmission.**

Please be advised, if you do not follow the above procedure, we WILL NOT be responsible for any incorrect cab you receive.

Frame rail requests must be submitted to the Spec Department via fax or electronic request. Please see pages 99-100 in the online catalog.

Please note that updates **will not** be sent for the paper catalog dated August 2006. **The online KSA&A Catalog is the only updated and current version.**

If you have any additions or deletions, please mail or fax to the undersigned.

Sincerely,

Sandy Turner
Manager, Specifications
Mack Trucks, Inc.
PO Box M, 3W3
Allentown, PA 18105
Fax: 610-709-3088

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CONVERSION CHARTS

**FRACTIONAL INCHES AND MILLIMETERS
TO DECIMAL INCHES**

| INCHES | DECIMAL | MM |
|--------|---------------|-----------|
| 1/64 | .015625 | |
| 1/32 | .03125 | |
| | .03937 | 1 |
| 3/64 | .046875 | |
| 1/16 | .0625 | |
| 5/64 | .078125 | |
| | .07874 | 2 |
| 3/32 | .09375 | |
| 7/64 | .109375 | |
| | .11811 | 3 |
| 1/8 | .125 | |
| 9/64 | .140625 | |
| 5/32 | .15625 | |
| | .15748 | 4 |
| 11/64 | .171875 | |
| 3/16 | .1875 | |
| | .19685 | 5 |
| 13/64 | .203125 | |
| 7/32 | .21875 | |
| 15/64 | .234375 | |
| | .23622 | 6 |
| 1/4 | .250 | |
| 17/64 | .265625 | |
| | .26559 | 7 |
| 9/32 | .28125 | |
| 19/64 | .296875 | |
| 5/16 | .3125 | |
| | .31496 | 8 |
| 21/64 | .328125 | |
| 11/32 | .34375 | |
| | .35433 | 9 |
| 23/64 | .359375 | |
| 3/8 | .375 | |
| 25/64 | .390625 | |
| | .3937 | 10 |
| 13/32 | .40625 | |
| 27/64 | .421875 | |
| | .43307 | 11 |
| 7/16 | .4375 | |
| 29/64 | .453125 | |
| 15/32 | .46875 | |
| | .47244 | 12 |
| 31/64 | .484375 | |
| 1/2 | .500 | |

| INCHES | DECIMAL | MM |
|--------|---------------|-----------|
| 33/64 | .515625 | |
| | .51181 | 13 |
| 17/32 | .53125 | |
| 35/64 | .546875 | |
| | .55118 | 14 |
| 9/16 | .5625 | |
| 37/64 | .578125 | |
| | .59055 | 15 |
| 19/32 | .59375 | |
| 39/64 | .609375 | |
| 5/8 | .625 | |
| | .62992 | 16 |
| 41/64 | .640625 | |
| 21/32 | .65625 | |
| | .66929 | 17 |
| 43/64 | .671875 | |
| 11/16 | .6875 | |
| 45/64 | .703125 | |
| | .70866 | 18 |
| 23/32 | .71875 | |
| 47/64 | .734375 | |
| | .74803 | 19 |
| 3/4 | .750 | |
| 49/64 | .765625 | |
| 25/32 | .781250 | |
| | .7874 | 20 |
| 51/64 | .796875 | |
| 13/16 | .8125 | |
| | .82677 | 21 |
| 53/64 | .828125 | |
| 27/32 | .84375 | |
| 55/64 | .859375 | |
| | .86614 | 22 |
| 7/8 | .8750 | |
| 57/64 | .890625 | |
| | .90551 | 23 |
| 29/32 | .90625 | |
| 59/64 | .921875 | |
| 15/16 | .9375 | |
| | .94488 | 24 |
| 61/64 | .953125 | |
| 31/32 | .96875 | |
| | .98425 | 25 |
| 63/64 | .984375 | |

CONVERSION CHARTS

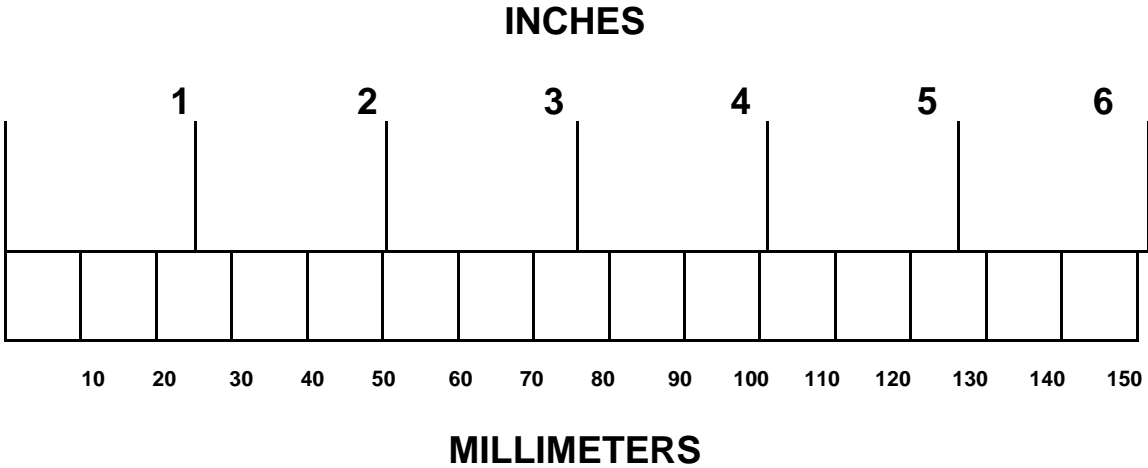
DECIMAL EQUIVALENTS OF MILLIMETERS

| MM | INCHES | MM | INCHES | MM | INCHES | MM | INCHES |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 25..... | 0.98425 | 44 | 1.73228 | 63 | 2.48031 | 82 | 3.22834 |
| | | | | | | | |
| 26 | 1.02362 | 45..... | 1.77165 | 64 | 2.51968 | 83 | 3.26771 |
| | | | | | | | |
| 27 | 1.06299 | 46 | 1.81102 | 65..... | 2.55905 | 84 | 3.30708 |
| | | | | | | | |
| 28 | 1.10236 | 47 | 1.85039 | 66 | 2.59842 | 85..... | 3.34645 |
| | | | | | | | |
| 29 | 1.14173 | 48 | 1.88976 | 67 | 2.63779 | 86 | 3.38582 |
| 30..... | 1.18110 | 49 | 1.92913 | 68 | 2.67716 | 87 | 3.42519 |
| | | | | | | | |
| 31 | 1.22047 | 50..... | 1.96850 | 69 | 2.71653 | 88 | 3.46456 |
| | | | | | | | |
| 32 | 1.25984 | 51 | 2.00787 | 70..... | 2.75590 | 89 | 3.50393 |
| | | | | | | | |
| 33 | 1.29921 | 52 | 2.04724 | 71 | 2.79527 | 90..... | 3.54330 |
| | | | | | | | |
| 34 | 1.33858 | 53 | 2.08661 | 72 | 2.83464 | 91 | 3.58267 |
| 35..... | 1.37795 | 54 | 2.12598 | 73 | 2.87401 | 92 | 3.62204 |
| | | | | | | | |
| 36 | 1.41732 | 55..... | 2.16535 | 74 | 2.91338 | 93 | 3.66141 |
| | | | | | | | |
| 37 | 1.45669 | 56 | 2.20472 | 75..... | 2.95275 | 94 | 3.70078 |
| | | | | | | | |
| 38 | 1.49606 | 57 | 2.24409 | 76 | 2.99212 | 95..... | 3.74015 |
| | | | | | | | |
| 39 | 1.53543 | 58 | 2.28346 | 77 | 3.03149 | 96 | 3.77952 |
| 40..... | 1.57480 | 59 | 2.32283 | 78 | 3.07086 | 97 | 3.81889 |
| | | | | | | | |
| 41 | 1.61417 | 60..... | 2.36220 | 79 | 3.11023 | 98 | 3.85826 |
| | | | | | | | |
| 42 | 1.65354 | 61 | 2.40157 | 80..... | 3.14960 | 99 | 3.89763 |
| | | | | | | | |
| 43 | 1.69291 | 62 | 2.44094 | 81 | 3.18897 | 100... | 3.93700 |
| | | | | | | | |

CONVERSION CHARTS

**CONVERSION CHART
FOR ENGLISH AND METRIC VALUES**

| LENGTH CALCULATION | | |
|---------------------------|-----------|------------------|
| MULTIPLY | BY | TO OBTAIN |
| Inches | 2.540 | Centimeters |
| Inches | 25.40 | Millimeters |
| Feet | 30.48 | Centimeters |
| Feet | 0.3048 | Meters |
| Yard | 91.44 | Centimeters |
| Yards | 0.9144 | Meters |
| Miles | 1.609 | Kilometers |
| | | |
| Millimeters | 0.03937 | Inches |
| Centimeters | 0.3937 | Inches |
| Centimeters | 0.0328 | Feet |
| Centimeters | 0.0109 | Yards |
| Meters | 3.281 | Feet |
| Meters | 1.094 | Yards |
| Kilometers | 0.6214 | Miles |



AXLE – FRONT**KING PIN SETS – MACK**

| PART NO. | APPLICATION |
|-----------------|---|
| 301SQ47D | FA10.5/FAW10.5/FA12/FAW12 |
| √ 301SQ21 | FA13 |
| 301SQ47D | FA14.3/FAW14.3 |
| 301SQ52A | FAW18 |
| 301SQ52A | FAW20 |
| √ 301SQ17 | FA23/FA27/28 |
| 301SQ31C | FA26 |
| 301SQ17 | FA27/28 |
| √ 301SQ21 | FA30 |
| 301SQ17 | FA36/37/38 (Prior to 1949) |
| 301SQ17 | FA44/45 (Prior to 1949) |
| √ 301SQ28E | FA46 |
| 301SQ31C | FA48 |
| 301SQ17 | FA51 (Prior to 1949) |
| 301SQ31C | FA54 |
| √ 301SQ28E | FA55 (Prior to 1950) |
| √ 301SQ33A | FA55 (1950 & up) |
| √ 301SQ20 | FA200/201 |
| √ 301SQ22 | FA300/301 |
| 301SQ32B | FA400/401 |
| √ 301SQ33A | FA403 |
| 301SQ32B | FA500/501/505 (Prior to 1963) |
| 301SQ45A | FA505 (1963 & up) |
| √ 301SQ28E | FA507/508 (Prior to 1963) |
| 301SQ46B | FA507 (1963 & up) |
| 301SQ32B | FA511 (Prior to 1963) |
| 301SQ45A | FA511 (1963 & up) |
| √ 301SQ28E | FA512/514/517 (Prior to 1963) |
| 301SQ46B | FA512/514/517 (1963 & up) |
| 301SQ35A | FA522/523 (Prior to 1963) |
| 301SQ47E | FA522/523 (1963 & up) FA532/536/537/538, FAW536/537/538,FS5521/5231 |
| 301SQ45A | FA534 |
| 301SQ46B | FA535 |
| √ 301SQ28E | FA561/562 |
| 301SQ31C | FA600/601 |
| 301SQ52A | FA616/617, FAW616/617 |
| √ 301SQ43 | FA900/901 |
| √ 301SQ49 | FA1002 |
| 301SQ53 | FXL12, FXL14.6, FXL18, FXL20, FXL23 |

√ Kits are not available. Must order pieces.

AXLE – FRONT

KING PIN SETS – MACK (continued)

| PART NO. | APPLICATION |
|-----------------|-----------------------------|
| 301SQ46B | FA5071 |
| 301SQ45A | FA5111 |
| 301SQ46B | FA5141 |
| 301SQ35A | FA5221/5231 (Prior to 1963) |
| 2719-806355 | EFA-12FA |

NOTE: Kits prior to 1963 had Thrust Button Design, After 1963 Thrust Bearing.
 All king pin sets are not necessarily available but are listed for quick reference.
 For those that are not available, please see your Mack RO cards or MACSPEC for unit prices.

KING PIN SETS – ROCKWELL

| ROCKWELL AXLE MODEL NO. | BRONZE BUSHING KIT NO. | DELTRIN BUSHING KIT NO. | EASY STEER BUSHING KIT NO. |
|------------------------------------|-----------------------------------|------------------------------------|---------------------------------------|
| FE900, 903** | 8235-KIT144 | 8235-KIT123 | — |
| FG900, 903** | 8235-KIT153 | 8235-KIT146 | — |
| FC901* | 8235-KIT143 | 8235-KIT155 | — |
| FD901* | NLA | 8235-KIT154 | — |
| FF901* | 8235-KIT172 | 8235-KIT167 | — |
| FH901* | 8235-KIT170 | 8235-KIT168 | — |
| FL901* | 8235-KIT170 | 8235-KIT168 | — |
| FC902* | 8235-KIT143 | 8235-KIT155 | — |
| FD902, 903* | NLA | 8235-KIT154 | — |
| FC903* | 8235-KIT143 | 8235-KIT155 | — |
| FE910* | 8235-KIT144 | 8235-KIT123 | — |
| FU910* | 8235-KIT194 | — | — |
| FF921* | 8235-KIT199 | — | — |
| FF923* | 8235-KIT199 | — | — |
| FF930** | 8235-KIT121 | 8235-KIT145 | — |
| FD931* | 8235-KIT196 | — | — |
| FF931* | 8235-KIT195 | — | 8235-KIT1307 |
| FF931A* | NLA | — | 8235-KIT1308 |
| FG931* | 8235-KIT1310 | — | 8235-KIT1309 |
| FL931* | 8235-KIT198 | — | — |
| FF932* | 8235-KIT195 | — | 8235-KIT1307 |
| FD933* | 8235-KIT196 | — | — |
| FF933* | 8235-KIT195 | — | 8235-KIT1307 |
| FA941*** | 8235-KIT46 | NLA | — |
| FF941* | 8235-KIT195 | — | 8235-KIT1307 |
| FF941A* | — | — | 8235-KIT1308 |
| FG941* | 8235-KIT1310 | — | 8235-KIT1309 |

* DOUBLE DRAW KEY NOTCH

** TAPERED WITH NUT

*** SINGLE DRAW KEY NOTCH

AXLE – FRONT

KING PIN SETS – ROCKWELL (continued)

| ROCKWELL AXLE MODEL NO. | BRONZE BUSHING KIT NO. | DELTRIN BUSHING KIT NO. | EASY STEER BUSHING KIT NO. |
|------------------------------------|-----------------------------------|------------------------------------|---------------------------------------|
| FL941* | 8235-KIT198 | — | 8235-KIT1312 |
| FL941* | 8235-R200195 | — | 8235-R201307 |
| FL9411 | 8235-KIT195 | | |
| FLW941 | | | 8235-R201476 |
| FF981 | 8235-R201419 | | |
| FF942, FF943** | 8235-KIT195 | — | 8235-KIT1307 |
| FG943* | 8235-KIT1310 | — | 8235-KIT1309 |
| FL943* | 8235-KIT198 | — | 8235-KIT1312 |
| FL951* | 8235-KIT198 | — | 8235-KIT1312 |
| FAE951*** | 8235-KIT173 | 8235-KIT171 | — |
| FF951* | 8235-KIT198 | — | — |
| FF961* | — | — | 8235-KIT1315 |
| FF966* | — | — | 8235-R201315 |
| FE970* | 8235-KIT188 | 8235-KIT156 | — |
| FF971* | 8235-KIT1300 | — | — |
| 16930** | 8235-KIT121 | 8235-KIT145 | — |
| 16931** | 8235-KIT121 | 8235-KIT145 | — |
| 17100* | 8235-KIT1310 | — | 8235-KIT1309 |
| 17101* | 8235-KIT1310 | — | 8235-KIT1309 |

* DOUBLE DRAW KEY NOTCH

** TAPERED WITH NUT

*** SINGLE DRAW KEY NOTCH

AXLE – REAR

MACK CARRIER BEARING & OIL SEAL KITS

| PART NO. | APPLICATION |
|-----------------|--|
| 205SP 45B | CRD116, 1161, 117, 1171, CRD1171S 11KH4159, 4159A, 4159B, 4159C, 4165, 4165A, 4166, 4166A, 4167, 4167A, 4167B, 4202, 4202A, 4203 |
| 205SP 71B | CRD93, CRD931, CRDL93, CRD113, CRD1131 11KH5326, 5327, 5328, 5330, 5341, 5342, 5343, 5374, 5375, 5376, 5377, 5378, 5386 |
| 205SP 72B | CRDPC92, CRDLP92, CRDPC921, CRDPC112 w/o P.D. Lockout 11KH5236, 5237, 5312, 5316, 5317, 5322, 5323, 5333, 5362, 5366, 5367, 5380 |
| 205SP 73B | CRDPC92, CRDLP93, CRDPC921, CRDPC112 w/P.D. Lockout 11KH5241, 5313, 5318, 5319, 5324, 5334, 5335, 5363, 5368, 5369, 5372, 5381 |
| 205SP 75B | CRDP95, CRDP951 11KH5232, 5232A, 5232B, 5233, 5233A, 5233B, 5234, 5234A, 5234B, 5235, 5235A, 5235B, 5352, 5353, 5393, 5394 |

Kit applies to all “P” Numbers unless otherwise noted.

AXLE – REAR

MACK CARRIER BEARING & OIL SEAL KITS (continued)

| PART NO. | APPLICATION |
|-----------------|---|
| 205SP 76B | CRD96, CRD961 11KH4228, 4228A, 4229, 4229A, 5354, 5395 |
| 205SP 77A | CRD201, CRD2011, CRD203, CRD2031 11KH5421, 5422, 5453, 5454, 5482, 5483, 5484, 5485 |
| 205SP 78A | CRDP200, CRDP2001, CRDP202, CRDP2021 11KH5425, 5426, 5459, 5461, 5476, 5478, 5480 (Power Divider w/o Air Shift Lockout) |
| 205SP 79A | CRDP200, CRDP2001, CRDP202, CRDP2021 11KH5455, 5458, 5460, 5477, 5479, 5481 (Power Divider w/Air Shift Lockout) |

Kit applies to all "P" Numbers unless otherwise noted.

POWER DIVIDER LOCKOUT

| PART NO. | APPLICATION |
|-----------------|--|
| 15KN 35 | CRDPC92, CPDP200, CRDP202. For 200 Series must replace outer cam with 31KN 412. |

DIFFERENTIAL GEARS KIT

| PART NO. | APPLICATION |
|-----------------|--|
| 25KH 21 | CRDPC92, CRD92, CRD93 Four Pinion Spider (Includes: (4) 37KH210, (1) 32KH228A, (4) 33KH263A, (2) 34KH261 (17 teeth coarse splined diff gear), (2) 38KH220) |

(Includes: 34KH261 - 17 teeth coarse splined diff gear)

If your truck was built after April 21, 2000, with a 34KH331 (43 teeth fine splined diff gear) kit will not work; you will need to order pieces.

BRAKE – LINING SETS

GENERAL NOTES

Oversize lining available in 1/16, 1/8 and 3/16" oversize.

Third letter in part number "M" indicates medium high friction and "H" indicates high friction lining.

| PART NO. | NO. PCS. | MIX NO. | FMS NO. | DRUM DIA. | WIDTH | THIN THICK | LENGTH |
|--------------|----------|---------|---------|-----------|-------|------------------------|---------------------------|
| 202SNM 102 | 4 | NAB9ML | 1241D | 14 | 2 1/4 | 5/16 | 15 1/2 |
| 202SNM 117 | 4 | E145A | 4471D | 18 | 7 | 3/4 | 8 3/8 |
| 202SNH 118P1 | 4 | NAB9ML | 1195D | 16 | 4 | 3/8 | 16 7/8 |
| 202SNM 121 | 4 | E145A | 4515D | 16 1/2 | 7 | 3/4 | 8 1/8 |
| NLA | 8 | E145A | 4311G | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNH 145 | 8 | NAB9ML | 4516A | 18 | 5 | 3/4 | 8 13/16 |
| 202SNH 147 | 8 | SD1 | 4635D | 26 | 5 | 3/4 | 12 5/16 |
| 202SNH 159 | 8 | NAB10 | 4602D | 15 | 7 | 3/4 | 7 3/4 |
| 202SNH 159L | 8 | SD1 | 4602D | 15 | 7 | 3/4 | 7 3/4 |
| 202SNH 167 | 8 | NAB10 | 4610D | 15 | 4 | 3/4 | 7 3/4 |
| 202SNH 171 | 8 | NAB9ML | 4153A | 17 1/4 | 6 | 3/4 | 8 7/8 |
| 202SNH 171L | 8 | SD1 | 4153A | 17 1/4 | 6 | 3/4 | 8 7/8 |
| 202SNH 172 | 8 | NAB9ML | 4637D | 17 1/4 | 7 | 3/4 | 9 |
| 202SNH 172L | 8 | SD1 | 4637D | 17 1/4 | 7 | 3/4 | 9 |
| 202SNH 173 | 8 | NAB9ML | 4317C | 16 1/2 | 6 | 3/4 | 8 1/2 |
| 202SNH 173L | 8 | SD1 | 4317C | 16 1/2 | 6 | 3/4 | 8 1/2 |
| 202SNH 173X | 8 | HD1L | 4317CX | 16 1/2 | 6 | .785 | 7 27/32 |
| 202SNH 174 | 8 | NAB9ML | 4311B | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNH 174L | 8 | SD1 | 4311B | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNH 175 | 4 | NAB9ML | 4307D | 16 1/4 | 3 | 1/2 | 17 1/4 |
| 202SNH 176 | 8 | NAB9ML | 4316D | 16 1/2 | 4 | 3/4 | 8 1/2 |
| 202SNH 179 | 8 | NAB9ML | 4152A | 17 1/4 | 5 | 3/4 | 8 7/8 |
| 202SNH 179L | 8 | SD1 | 4152A | 17 1/4 | 5 | 3/4 | 8 7/8 |
| 202SNH 181 | 4 | NAB9ML | 4515D | 16 1/2 | 7 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNH 181X | 8 | HD1L | 4515DX | 16 1/2 | 7 | .510/.785 .685/.810 | 7 21/32-ANC 7 7/16-CAM |
| 202SNH 181XX | 8 | HD1L | 4515XX | 16 1/2 | 7 | .570/.845 .745/.870 | 7 21/32-ANC 7 7/16-CAM |
| 202SNH 189 | 8 | SD1 | 4600D | 20 1/4 | 7 | 3/4 | 10 3/8 |
| 202SNH 191 | 8 | NAB9ML | 4615D | 15 | 5 | 3/4 | 7 3/4 |
| 202SNH 194 | 4 | NAB9ML | 4549D | 16 1/2 | 4 | Tapered | 8 3/8 |
| 202SNM 194 | 4 | E145A | 4549D | 16 1/2 | 4 | 3/4 | 8 1/8 |
| 202SNH 196 | 4 | NAB9ML | 4524D | 16 1/2 | 5 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |

BRAKE – LINING SETS

| PART NO. | NO. PCS. | MIX NO. | FMS NO. | DRUM DIA. | WIDTH | THIN THICK | LENGTH |
|-----------------|---------------------|----------------|--------------------|----------------------|--------------|-----------------------|---------------|
| 202SNH 197 | 4 | NAB9ML | 4471D | 18 | 7 | 3/4 | 8 3/8 |
| | 4 | | | | | Tapered | 8 5/8 |
| 202SNH 197L | 4 | SD1 | 4471D | 18 | 7 | 3/4 | 8 3/4 |
| | 4 | | | | | Tapered | 8 5/8 |
| 202SNH 204 | 4 | NAB9ML | 4515E | 16 1/2 | 7 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNH 204P2 | 4 | EM1/NAB10 | 4515E | 16 1/2 | 7 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNM 204 | 4 | E145A | 4515E | 16 1/2 | 7 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNH 204P3 | 4 | NAB10 | 4515E | 16 1/2 | 7 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNH 207 | 4 | NAB10 | 4524B | 16 1/2 | 5 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNM 207 | 4 | E145A | 4524B | 16 1/2 | 5 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |
| 202SNH 207XX | 8 | NAB10 | 4524BXX | 16 1/2 | 5 | .540/.815 | 7 21/32-ANC |
| | | | | | | .715/.840 | 7 7/16-CAM |
| 202SNH 208 | 4 | NAB9ML | 4471B | 18 | 7 | 3/4 | 8 3/8 |
| | 4 | | | | | Tapered | 8 5/8 |
| 202SNM 208 | 4 | E145A/HD2 | 4471B | 18 | 7 | 3/4 | 8 3/8 |
| | 4 | | | | | Tapered | 8 5/8 |
| 202SNH 208L | 4 | SD1 | 4471B | 18 | 7 | 3/4 | 8 3/8 |
| | 4 | | | | | Tapered | 8 5/8 |
| 202SNH 209 | 4 | NAB9ML | 4629D | 20 1/4 | 5 | 3/4 | 9 5/8 |
| 202SNH 210 | 4 | EM1/NAB10 | 4625B | 16 1/2 | 7 | 3/4 | 8 7/8 |
| | 4 | | | | | Tapered | 9 |
| 202SNH 210L | 4 | SD1 | 4625B | 16 1/2 | 7 | 3/4 | 8 7/8 |
| | 4 | | | | | Tapered | 9 |
| 202SNH 210X | 8 | EM1/NAB10 | 4625BX | 16 1/2 | 7 | .450/.765 | 8 3/8 |
| | | | | | | .715/.840 | |
| 202SNM 210 | 4 | NAB9M | 4625B | 16 1/2 | 7 | 3/4 | 8 7/8 |
| | 4 | | | | | Tapered | 9 |
| 202SNM 218 | 8 | NAB9M | 4527B | 18 | 7 | 3/4 | 9 1/8 |
| 202SNH 222 | 8 | NAB9ML | 4653D | 17 | 6 | 3/4 | 8 |
| 202SNH 222X | 8 | HD1L | 4653X | 17 | 6 | .615/.795 | 7 49/64 |
| 202SNH 225 | 4 | NAB9M | 1308D | 15 | 4 | 7/16 | 16 1/2 |
| 202SNM 225 | 4 | E145A | 1308D | 15 | 4 | 7/16 | 16 1/2 |
| 202SNH 229 | 4 | SMB1A | 4471B | 18 | 7 | 3/4 | 8 3/8 |
| | 4 | | | | | Tapered | 8 5/8 |
| NLA | 4 | E145A | 4524 | 16 1/2 | 5 | 3/4 | 8 1/8 |
| | 4 | | | | | Tapered | 8 3/8 |

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|----------------------------|
| BRAKE – LINING SETS |
|----------------------------|

| PART NO. | NO. PCS. | MIX NO. | FMS NO. | DRUM DIA. | WIDTH | THIN THICK | LENGTH |
|-----------------|-----------------|--------------------------|----------------|------------------|--------------|-------------------|---------------|
| 202SNH 237A | 8 | NAB10/SMBIA | 4527B | 18 | 7 | 3/4 | 9 1/8 |
| 202SNH 244 | 8 | NAB456 | 4515H | 16 1/2 | 7 | 3/4 | 8 1/8 |
| 202SNH 245 | 8 | NAB456 | 4527B | 18 | 7 | 3/4 | 9 1/8 |
| 202SNH 246 | 8 | NAB456 | 4515E | 16 1/2 | 7 | 3/4 | 8 1/8 |
| 202SNH 247 | 8 | 8C5/NAB10 | 4515G | 16 1/2 | 7 | 3/4 | 8 1/8 |
| 202SNM 248 | 4 | E145A | 1308TD | 15 | 4 | 7/16 | 16 1/2 |
| 202SNH 248 | 4 | NAB11 | 1308TD | 15 | 4 | 7/16 | 16 1/2 |
| 202SNH 249 | 8 | NAB10 | 4615 | 15 | 5 | 3/4 | 7 3/4 |
| NLA | | NAB10 | 4605 | 15 | 6 | 3/4 | 7 3/4 |
| 202SNH 253 | 8 | NAB11 | 4524B | 16 1/2 | 5 | 3/4 | 8 1/8 |
| 202SNH 254 | 4 | NAB11 | 4515GD | 16 1/2 | 7 | Tapered | 7 1/16 |
| 202SNH 256 | 8 | 931-162/685 | 4524B | 16 1/2 | 5 | 3/4 | 8 1/18 |
| 202SNH 257 | 8 | 3030-197-6008-1 | 4524B | 16 1/2 | 5 | 3/4 | 8 1/18 |
| 202SNH 258 | 4 | 931-162/685 | 1308TD | 16 1/2 | 4 | 7/16 | 16 1/2 |
| 202SNH 259 | 4 | 3030-197/6008-1 | 1308TD | 16 1/2 | 4 | 7/16 | 16 1/2 |
| 202SNH 260 | 8 | 931-162/685 | 4515GD | 16 1/2 | 7 | Tapered | 7 1/16 |
| 202SNH 261 | 8 | 3030-197/6008-1 | 4515GD | 16 1/2 | 7 | Tapered | 7 1/16 |
| 202SNH 262 | 8 | 931-162/685 | 4702D | 15 | 4 | Tapered | 6 31/32 |
| 202SNH 263 | 8 | 3030-197/6008-1 | 4702D | 15 | 4 | Tapered | 6 31/32 |
| 202SNH 264 | 8 | 931-162/685 | 4715D | 16 1/2 | 6 | Tapered | 7 21/32 |
| 202SNH 265 | 8 | 931/162-685 | 4707D | 16 1/2 | 7 | Tapered | 7 7/16 |
| 202SNH 266 | 8 | 3030-197/6008-1 | 4707D | 16 1/2 | 7 | Tapered | 7 7/16 |
| 202SNH 267 | 8 | 931-162/685 | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNH 268 | 4 | 3030-197/6008-1 | 1308 | 15 | 4 | 7/16 | 16 1/2 |
| 202SNH 269 | 4 | 931-162/685 | 1308 | 15 | 4 | 7/16 | 16 1/2 |
| 202SNH 270 | 8 | (EES600) 931-162/685 | 4709 | 16 1/2 | 7 | Tapered | 7 23/32 |
| 202SNH 271 | 4 | (EES420) 3030-197/6008-1 | 1443 | 15 | 3.953 | Tapered | 15 31/64 |
| 202SNH 272 | 8 | (EES600) 931-162/685 | 4719 | 16 1/2 | 6 | Tapered | 7 23/32 |
| 202SNH 273 | 8 | NAB-456 | 4707D | 16 1/2 | 7 | 7/8 Tapered | 8.42 |
| 202SNH 274 | 8 | NAB-456 | 4669D | 18 | 7 | 3/4 Tapered | 7.88 |
| 202SNH 275 | 8 | NAB-456 | 4715 | 18 | 7 | Tapered | 8.42 |

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| BRAKE – LINING SETS |
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| PART NO. | NO. PCS. | MIX NO. | FMS NO. | DRUM DIA. | WIDTH | THIN THICK | LENGTH |
|-----------------|-----------------|----------------|----------------|------------------|--------------|-------------------|---------------|
| NLA | 8 | SD2 | 4527B | 18 | 7 | 3/4 | 9 1/8 |
| 202SNH 220 | 8 | NAB9ML | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNM 220L | 8 | SD1 | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNM 220 | 8 | NAB9ML | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNH 220P2 | 8 | EM1/NAB10 | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| 202SNM 220L | 8 | SD2 | 4311J | 16 1/2 | 7 | 3/4 | 8 1/2 |
| NLA | 8 | HD1L | 4653X | 17 | 6 | .615/.795 | 7 49/64 |
| 202SNM 1163** | 4 | HD1H | 1131ND | 17 1/4 | 4 | 3/8 | 17 3/4 |
| 5586-1356 | 4 | NAB9LM | 1356 | 15 1/2 | 5 | 1/2 | 14 7/8 |
| 5586-1356X | 4 | HD1L | 1356X | 15 1/2 | 5 | 1/32 | 14 7/8 |
| 5586-1356XX | 4 | HD1L | 1356XX | 15 1/2 | 5 | 3/32 | 14 7/8 |
| 5586-1357 | 4 | NAB9LM | 1357 | 15 1/2 | 5 | 1/32 | 14 7/8 |
| 5586-1357X | 4 | HD1L | 1357X | 15 1/2 | 6 | 1/32 | 14 7/8 |
| 5586-1357XX | 4 | HD1L | 1357XX | 15 1/2 | 5 | 3/32 | 14 7/8 |

(**) are for use on other make trucks and are generally available by special order only.

NOTE: Non-asbestos linings are now shown as 202SN, 202SNM or 202SNH part numbers. (When stock is depleted on 202SM, 202SMM and 202SMH part numbers, they will become “no longer available”.)

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|---|
| BRAKE OVERHAUL KITS – ROCKWELL (FOR 16 1/2" X 7" “Q” BRAKES) |
|---|

MINOR OVERHAUL KITS (w/o Brake Linings)

| KIT NO. | APPLICATION |
|--------------------------------|--|
| 8235-KIT8000 Assembly | Kit includes Pins, Bushings, Springs & Rollers for One (1) Brake |
| 8235-KIT8000HD | Kit same as (8235-KIT8000) w/Heavy Duty Return Springs |
| 8235-KIT8000MB | Kit same as (8235-KIT8000) w/o Bushings |
| 8235-KIT8002HD | Heavy Duty Return Springs [(1) Return & (2) Retainer Springs] |
| 8235-KIT8002SS | Standard Spring Set |
| 8235-KIT8003 | Kit includes Anchor Pins & Bushings & Springs |
| 8235-KIT8014 Spring Pins | Kit includes Return & Retainer Springs, Rollers & Retainer & Return |
| 8235-KIT8014HD | Kit same as (8235-KIT8014) Heavy Duty |
| 8235-KIT8026HD (Heavy Duty) | Kit includes Pins & Bushings, Springs, Rollers w/Retainers & Spring Pins |

Above Kits Service One (1) Brake.

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|---|
| BRAKE OVERHAUL KITS – ROCKWELL (FOR 16 1/2" X 7" "Q" BRAKES) |
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MAJOR OVERHAUL KITS

| KIT NO. | APPLICATION |
|-----------------|--|
| 8235-KIT8115CFF | Fruehauf Q Shoe w/Non-Asbestos FF Friction (Carlisle Lining) |
| 8235-KIT8147A | w/Abex FF Non-Asbestos Lining |
| 8235-KIT8193CFF | w/Carlisle FF Friction Non-Asbestos Lining |
| 8235-KIT8239AFF | w/Abex FF Friction Non-Asbestos |
| 8235-KIT8252CGG | w/Carlisle GG Friction Non-Asbestos |

(Kits include Brake Shoe and Lining Assembly, Pins, Bushings, Springs and Rollers for One (1) Brake Assembly.)

NOTE: All major Overhaul Kits contain the necessary parts to convert a Cam-Master "P" Brake over to a "Q" brake.

AUTOMATIC SLACK ADJUSTER REPAIR KITS

| KIT NO. | APPLICATION |
|--------------|--|
| 8235-KIT963 | Minor Kit for all Auto Slack Adjusters [For One (1) Slack Adjuster w/o Clevis] |
| 8235-KIT1350 | Minor Kit Slack Adjusters w/Green or Yellow Pistons [For One (1) Slack Adjuster w/Clevis] |

DURA-MASTER AIR DISC BRAKE REPAIR KITS

| KIT NO. | APPLICATION |
|-----------------|---|
| 8235-KIT15001 | Minor Caliper Rebuild Kit (Frt. Rear or Trailer) Models ADB-1540, 1560 & 1760 |
| 8235-KIT15006RH | Major Caliper Rebuild Kit (Right Hand Threaded-Power Shafts) Models ADB-1540 & 1560 |
| 8235-KIT15007LH | Major Caliper Rebuild Kit (Left Hand Threaded-Power Shafts) Models ADB-1540 & 1560 |
| 8235-KIT15010 | Bushing Minor Overhaul Kit, Models ADB (Bushing Require Reaming) |
| 8235-KIT15011 | Bushing Minor Overhaul Kit, Models ADB-1540 (Bushing Require Reaming) |
| 8235-KIT15013 | Slide Pin Repair Kit (All Models) |

ATTENTION DEALERS:

**WHEN ORDERING SERVICE CABS
(CAB IN WHITE AND GROOMED CABS),
PLEASE REFER TO SB610-009.**

**SUBMIT TO:
MACK TRUCKS SPEC DEPARTMENT.
FAX NUMBER 610-709-3088.**

**NOTE: YOU MAY HAVE TO ORDER ADDITIONAL
PARTS TO COMPLETE THE SERVICE CABS,
EX. POWER WINDOWS/DOOR LOCKS.**

**THE FOLLOWING PAGES STATE WHAT IS
INCLUDED IN A SERVICE CAB.**

**DISCLAIMER: THE ABOVE INFORMATION IS
PROVIDED AS A REFERENCE ONLY. THE
ACTUAL CAB YOU RECEIVE MAY/WILL
REQUIRE CHANGES. PLEASE REVIEW THIS
INFORMATION WHEN MAKING THE WRECK
ESTIMATE OR QUOTING YOUR CUSTOMER THE
PRICE OF THE CAB, ADD IN THE MISSING
“LOCAL EXTRAS” NEEDED TO COMPLETE THE
JOB TO MAKE THE REPLACEMENT CAB THE
SAME AS THE ORIGINAL.**

**PLEASE BE ADVISED:
IT IS YOUR RESPONSIBILITY FOR THE PARTS
NOT INCLUDED IN THE SERVICE CAB.**

CH, CL SERVICE CABS

CH, CL STANDARD FEATURES

Identification and Clearance Lamps

Air Horn – (1) Rectangular, Single Trumpet

Electric Horn - Single Tone

Doors:

RH Peep, w/o LH Vent – **ECONOMY, DELUXE, PREFERRED**

RH Peep, LH Vent – **ELITE**

Grab Handles, RH & LH

Radio:

w/o Radio – **ECONOMY**

AM/FM, Tune & Scan, Cassette, Auto Reverse, Clock – **DELUXE, PREFERRED**

AM/FM Severe Duty, Cassette, Weather Band, Auto Reverse, Clock – **ELITE**

Door Panel – w/o Optional Carpet

Interior Sun Visors Driver Only – **ECONOMY**

Interior Sun Visors Driver & Rider – **DELUXE, PREFERRED, ELITE**

Ash Tray

CB-5 Way Binding Posts

Coat Hook

Air Conditioner/Heater Mack Integral, w/o Receiver Dryer, Compressor, Condenser or Plumbing

W/o Cab Power Outlet

W/o Pouch – **ECONOMY, DELUXE, PREFERRED**

Storage Panel on A/C Heater - **ELITE**

Door Pouch (Driver & Rider) – **ELITE**

Dome Light (1) – Self-contained Switch (1) – Maplight – **ECONOMY, DELUXE, PREFERRED**

Dome Light (2) in Roof - Self-contained Switches and Adjustable Above Each Door – **ELITE**

Adjustable Tilt Steering Column

Steering Wheel:

Two Spoke 18" Diameter – **ECONOMY, DELUXE, PREFERRED**

Two Spoke 18" Diameter – Leather Wrap – **ELITE**

Driver Seat:

Talladega 915 (Mid-Back) – **ECONOMY, DELUXE, PREFERRED**

Talladega 915 (High Back) – **ELITE**

CH, CL SERVICE CABS (continued)

Rider Seat:

Mack Fixed (Mid-Back) – **ECONOMY, DELUXE, PREFERRED**
Talladega 915 (High Back) – **ELITE**

Armrest, Seat Mounted (Driver & Rider) – **ELITE**

Retractor's Driver & Rider – Lap & Shoulder Driver & Rider

Dustcovers, Driver & Rider – **ELITE**

Seat Cover:

Vinyl – **ECONOMY**
Cloth & Vinyl – **DELUXE, PREFERRED, ELITE**

Floor Covering:

Black Rubber Mats – **ECONOMY**
Carpet – **DELUXE, PREFERRED, ELITE**

Non-Woodgrain Finish Dash – **ECONOMY, DELUXE, PREFERRED**

Cherrywood Dash Panels – **ELITE**

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light/Buzzer)

Speedometer/Trip Odometer, Electric

Tachometer w/Hourmeter, Electric

High Beam Indicator

Parking Brake On Indicator

Key Type Starting

Engine, Shutoff, Key-Type Control

Courtesy Light Switch (Head and Clearance)

Directional Signal Switch

Tinted Windshields, Side & Rear

Windshield Wiper, Intermittent

West Coast Bulldog Bright Finish Mirrors

CH KEYSTONE SERVICE CABS

CH KEYSTONE STANDARD FEATURES

Identification and Clearance Lamps

Air Horn – 1 Rect. Single Trumpet

Electric Horn - Single Tone

Doors, Roll-Up Windows, Peep Window in RH Door, w/o LH Door Vent:

W/o Power Windows

Grab Handles, RH & LH

Headliner – Padded Vinyl w/Header Storage Shelf

Door Panel(s):

Molded Upper/Padded Vinyl Lower – **SELECT**

Padded Upper/Padded Vinyl Lower (Trim Match) – **PREMIUM**

Padded Upper/Carpet Lower - **ELITE**

Interior Sun Visors – LH & RH

Ash Tray

CB-5 Way Binding Posts – **DAY CAB ONLY**

Coat Hook

Overhead Console – No Radio

Power Outlets – (2) 12V Aux – Dash Mounted

Air Conditioner – w/Integral Heater

Steering Column Tilt, Telescope Adjustable

Steering Wheel:

Two Spoke 18" Black – **SELECT**

Two Spoke 18" Black – Leather Wrap – **PREMIUM, ELITE**

Driver Seat - Bostrom

Talladega 915 (Mid-Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Rider Seat:

Mack Fixed (Mid-Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Seat Covering:

Vinyl – **SELECT**

Cloth – **PREMIUM**

Cloth & Vinyl - **ELITE**

CH KEYSTONE SERVICE CABS (continued)

Seat Belts & Retractors:

Lap & Shoulder

Cab Mounted (Fixed) – **SELECT, PREMIUM**

Cab Mounted (Adjustable) – **ELITE**

Dust Covers – **ELITE**

Dust Covers w/o – **SELECT, PREMIUM**

Armrests w/o on **SELECT, PREMIUM**

Armrests Inboard – **ELITE**, Driver & Rider Seat

Black Rubber Mats – **SELECT**

Multi-Colored Carpet – **PREMIUM, ELITE**

Instrument Panel:

Woodgrain Finish Dash Panels - **ELITE**

Non-Woodgrain Finish – **SELECT, PREMIUM**

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light and Buzzer)

Speedometer/Trip Odometer, Electronic

Tachometer w/Hourmeter, Electronic

High Beam Indicator

Parking Brake On Indicator

Key Type Starting

Hand Throttle Control

Engine Shutoff, Key-Type Control

Courtesy Light Switch (Head and Clearance)

Directional Signal Switch

Tinted Windshields

Windshield Wipers, 2 Speed, w/Intermittent Feature

Bulldog B/F Mirrors

CV SERVICE CABS

CV STANDARD FEATURES

5-Way Binding Post – Dash Mounted

Identification and Clearance Lamps Std.

Horns, Air, Mack Rectangular Single Trumpet & Electric (Single Tone)

Doors – Galvanized Steel with Visibility Door

Roll-Up Windows LH & RH Crank Operated, **CUSTOM, CONTRACTOR**

Grab Handles (Stainless Steel), RH & LH – Behind Door

Peep Window – RH Door Only – **CUSTOM, PREMIER**

Header Console Compartment with Door – **CUSTOM, PREMIER**

Courtesy Lamp – Door – **CUSTOM, PREMIER**

Ash Tray

Pouch Dispatch Box Mounted on Back Panel

Air Conditioner/Heater – Mack (Bergstrom) Integral

Dome Light w/Self Contained Switch

Steering Column – Tilt Only – **CONTRACTOR**

Steering Column – Tilt/Telescope – **CUSTOM, PREMIER**

18" Steering Wheel , Two Spoke

Driver's, Bostrom Talladega 915, Air Susp.

Mid-Back – Vinyl on **CONTRACTOR**, Cloth & Vinyl on **CUSTOM**

Seat Belt Lap & Shoulder – Driver

Fixed Mount – **CONTRACTOR**

Adjust – **CUSTOM, PREMIER**

No Seat

Floor Mats – Black Rubber

Interior Sunvisor – LH

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light and Buzzer)

CV SERVICE CABS (continued)

Speedometer/Trip Odometer, Electronic

Tachometer w/Hourmeter, Electronic

High Beam Indicator

Seat Belt Retractor – Driver

Parking Brake on Indicator

Key Type Starting

Engine Shutoff, Key Type Control

Courtesy Light Switch (Head and Clearance)

Directional Signal - Transistorized

Gauges:

Exhaust Pyrometer

Engine Oil Temperature

Transmission Oil Temperature

Axle Oil Temperature

Manifold Pressure

Air Application – Mech.

Moto Mirror LH/RH Motor & Heated

7.5 Round Convex LH & RH B/F

Tinted Windshields, Side & Rear Glass

Windshield Wipers Sprague 2-Speed w/Intermittent Feature

Rear Window – Fixed

Antenna, Radio – Cab Mounted Behind LH Door

Door & Ignition Keys – Chassis Keyed at Random – 2 Keys

Air Restriction Monitor (Air Intake Mounted)

Radio – Panasonic, AM/FM Radio w/Elec Tune & Scan, Presets, Cassette w/Auto
Reverse, Quartz Clock

CX SERVICE CABS

CX STANDARD FEATURES

Identification and Clearance Lamps

Air Horn – (1) Rect. Single Trumpet

Electric Horn – Single Tone

Doors, Roll-Up Windows, Peep Window in RH Door, w/o LH Door Vent

W/o Power Windows

Grab Handles, RH & LH

Headliner – Padded Vinyl with Header Storage Shelf

Door Panel(s):

Molded Upper/Padded Vinyl Lower – **SELECT**

Padded Upper/Padded Vinyl Lower (Trim Match) – **PREMIUM**

Padded Upper/Carpet Lower – **ELITE**

Interior Sun Visors – LH & RH

Ash Tray

CB 5-Way Binding Posts – **DAY CAB ONLY**

Coat Hook

Overhead Console – No Radio

Power Outlets – (2) 12V Aux. – Dash Mounted

Air Conditioner – w/Integral Heater

Steering Column Tilt Only

Steering Wheel:

Two Spoke 18" Black – **SELECT**

Two Spoke 18" Black – Leather Wrap – **PREMIUM, ELITE**

Driver Seat – Bostrom:

Talladega 915 (Mid-Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Rider Seat:

Mack Fixed (Mid-Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Seat Covering:

Vinyl – **SELECT**

Cloth – **PREMIUM**

Cloth & Vinyl – **ELITE**

CX SERVICE CABS (continued)

Seat Belts & Retractors:

Lap & Shoulder

Cab Mounted (Fixed) – **SELECT, PREMIUM**

Cab Mounted (Adjust) - **ELITE**

Dust Covers – **ELITE**

Dust Covers w/o – **SELECT, PREMIUM**

Armrests w/o – **SELECT, PREMIUM**

Armrests Inboard – **ELITE** Driver & Rider Seat

Black Rubber Mats – **SELECT**

Multi-Colored Carpet – **PREMIUM, ELITE**

Instrument Panel:

Woodgrain Finish Dash Panels – **ELITE**

Non-Woodgrain Finish – **SELECT, PREMIUM**

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light and Buzzer)

Speedometer/Trip Odometer, Electronic

Tachometer, w/Hourmeter, Electronic

High Beam Indicator

Parking Brake On Indicator

Key Type Starting

Hand Throttle Control

Engine Shutoff, Key-Type Control

Courtesy Light Switch (Head and Clearance)

Directional Signal Switch

Tinted Windshields

Windshield Wipers, 2-Speed, w/Intermittent Feature

Body Colored Aero Mirror w/Convex Mirror

CHN/CXN SERVICE CABS

***** No groomed cab for an automatic transmission *****

CHN/CXN STANDARD FEATURES

Instrument Panel:

Standard Finish Dash Panels – **SELECT, PREMIUM**

Wood Grain Finish Dash Panels – **ELITE**

Steering Wheel:

2 Spoke 18" Black – **SELECT**

2 Spoke 18" Black – Leather Wrapped – **PREMIUM, ELITE**

Driver Seat – Bostrom

Talladega 915 (Mid Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Rider Seat:

Fixed Mack (Mid Back) – **SELECT, PREMIUM**

Talladega 915 (High Back) – **ELITE**

Seat Covering:

All Vinyl – **SELECT**

All Cloth – **PREMIUM**

Cloth & Vinyl – **ELITE**

Seat Belts & Retractors:

Lap & Shoulder

Cab Mounted (Adjustable) – **SELECT, PREMIUM, ELITE**

Armrests:

Without Armrests – **SELECT, PREMIUM**

Inboard (Driver & Rider) - **ELITE**

Dust Covers:

W/O Dust Covers – **SELECT, PREMIUM**

Driver & Rider – **ELITE**

Power Windows & Door Locks – **PREMIUM, ELITE**

CHN/CXN SERVICE CABS (continued)

***** No groomed cab for an automatic transmission**

Mirrors:

Body Colored Aero Mirrors – **SELECT**

Heated & Motorized Body Colored Aero Mirrors – **PREMIUM, ELITE**

Identification & Clearance Lamps

Black Rubber Floor Covering

Air Horn – Mack – 1 Rect. Single Trumpet

Power Outlets – (2) 12V Aux – Dash Mounted

Interior Sun Visors – LH & RH

Speedometer – Electronic W/Odometer & Trip Odometer

Tachometer – Electronic W/Hourmeter

Tinted Windshield, Side & Rear Windows

Windshield Wipers, 2 Speed, W/Intermittent Feature

Body Colored Aero Mirrors

Air Conditioning W/Integral Heater, W/O Receiver Dryer, Compressor, Condenser, or Plumbing

CB-5 Way Binding Posts

Cigar Lighter

Visibility Door

Ash Tray

CONTRACTOR & CUSTOM

Rider's Seat (RH) – Fixed – Mack (Mid-Back)

PREMIER

Driver's Seat (LH) – Air-Bostrom Talladega 915 (High Back) Cloth & Vinyl

Rider's Seat (RH) – Air-Bostrom Talladega 915 (Mid-Back) Cloth & Vinyl

Window & Lock Operation – Power W/Door Lock (LH & RH) - Elec

CTP SERVICE CABS

CTP STANDARD FEATURES

5-Way Binding Post – Dash Mounted

Identification and Clearance Lamps Std.

Horns, Air, Mack Rectangular Single Trumpet & Electric (Single Tone)

Doors – Galvanized Steel with Visibility Door – RH Door Peep Window only

Dash Panel

Standard Dash Panel – **PUREBRED**

Brushed Metallic – **PEDIGREE**

Brushed Metallic - **CHAMPION**

Window & Lock Operation

Roll-up LH & RH Crank Operated –**PUREBRED**

Roll-up LH & RH Crank Operated – **PEDIGREE**

Power w/Door Lock (LH & RH Electric) - **CHAMPION**

Grab Handles (Stainless Steel), RH & LH – Behind Door

W/O Header Console Compartment Option

Courtesy Lamp – Door

Ash Tray

Pouch Dispatch Box Mounted on Back Panel

Air Conditioner/Heater – Mack (Bergstrom) Integral, w/o Receiver Dryer,
Compressor, Condensor or Plumbing

Dome Light – RH & LH Dome Lamps – Door & Switch Activated,
2 Cab Rear Dome Lamps - Switch Activated

CTP SERVICE CABS (continued)

Steering Column – Adjustable Tilt Telescope

Steering Wheel

2 Spoke Urethane Grip, Charcoal Spokes & Bulldog Horn Cap – **PUREBRED**

2 Spoke Urethane Grip, Brushed Nickel Spokes, Brushed Nickel Mack Horn Cap - **PEDIGREE**

2 Spoke Leather Grip, Bright Chrome Spokes, Brushed Chrome Mack Horn Cap - **CHAMPION**

Driver's Seat

Air Bostrom Talladega 915 Mid-Back – **PUREBRED**

Air Bostrom Talladega 915 Mid-Back – **PEDIGREE**

Air Bostrom Talladega 915 High-Back - **CHAMPION**

Riders Seat

Fixed Mack – Mid-Back – **PUREBRED**

Fixed Mack – Mid-Back – **PEDIGREE**

Air Bostrom Talladega 915 Mid-Back - **CHAMPION**

Seat Covering

All Vinyl – **PUREBRED**

Cloth & Vinyl – **PEDIGREE**

Cloth & Vinyl - **CHAMPION**

Seat Belts

Lap & Shoulder LH & RH – **PUREBRED**

Lap & Shoulder LH & RH Cab Mtd Shoulder Belt Adj – **PEDIGREE**

Lap & Shoulder LH & RH Cab Mtd Shoulder Belt Adj - **CHAMPION**

CTP SERVICE CABS (continued)

Floor Mats – Black Rubber
Interior Sunvisor – LH & RH
Instrument Cluster Display – Segmented Display
Air Pressure Gauge
Voltmeter
Fuel Level Gauge
Engine Oil Pressure Gauge
Engine Coolant Temperature Gauge
Low Air Pressure Indicator (Light and Buzzer)
Speedometer/Trip Odometer, Electronic w/Hourmeter
Tachometer w/Hourmeter, Electronic
High Beam Indicator
Seat Belt Retractor – Driver & Rider
Parking Brake Control – Single Valve System
Key Type Starting
Engine Shutoff, Key Type Control
Courtesy Light Switch (Head and Clearance)
Directional Signal - Transistorized

Gauges:

Exhaust Pyrometer
Engine Oil Temperature
Transmission Oil Temperature
Axle Oil Temperature
Manifold Pressure
Air Application – Mech.

West Coast Mirrors – Bulldog Brite Finish
8.0 Round Convex LH & RH B/F

CTP SERVICE CABS (continued)

Tinted Windshields, Side & Rear Glass

Windshield Wipers Sprague 2-Speed w/Intermittent Feature

Rear Window – Fixed

Antenna, Radio – Cab Mounted Behind LH Door

Door & Ignition Keys – Chassis Keyed at Random – 2 Keys

Air Restriction Monitor (Air Intake Mounted)

Radio – Radio Accommodation Pkg. includes Antenna, Power Supply,
Two Speakers, (No Radio)

Auto Transmissions Only

Furnish Wiring Harness for Allison 4500 RDS

Gear Shift – Dash Mounted for Auto Transmission w/Neutral to
Range Inhibit (HD Series)

DM SERVICE CABS

DM STANDARD FEATURES

Silver Gray

Driver's - Bostrom Talladega 914, Mid-Back

Rider's – Mack Fixed, Mid-Back

Seat Belts – Lap & Shoulder – Driver & Rider

Retractors – Driver & Rider

Steering Column – Adjustable

W/o Door Mounted Armrest

Trim Panel (Padded Vinyl)

Interior Sun Visors – LH & RH

CB – 5-Way Binding Posts

Overhead Console – No Radio

Air Conditioner w/o Receiver Dryer, Compressor, Condenser or Plumbing

Dome Light w/Self-Contained Switch

Floor Mats, Rubber Black

Sunvisor – LH

W/o Interior Pouch

Speakers – Two

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light and Buzzer)

Speedometer/Trip Odometer – VMAC Only

Tachometer w/Hourmeter – VMAC Only

High Beam Indicator

Parking Brake On Indicator

Key Type Starting

Engine Shutoff, Key-Type Control

DM SERVICE CABS (continued)

Directional Signal Switch

Identification and Clearance Lamps (5)

Horns, Air, Mack Rectangular Single

Trumpet and Electric (Single Tone)

Doors, Galvanized Steel w/Roll-Up & Vent Windows

Grab Handles, RH & LH

Windshield Wipers and Washers

Mirrors – Mack B/F

LE SERVICE CABS

LE STANDARD FEATURES

Low Entry Cab Forward Galvanized Steel

LH Standard Drive Position w/RH Operating Position

Cigar Lighter

Gauges:

Dual Air Pressure, Voltmeter, Engine Coolant Temperature, Transmission Oil Temperature, Transmission Oil Level, Hobbs Engine Hourmeter, Engine Oil Pressure, Fuel Level

Electronic Speedometer w/Odometer with Prox. Pick-Up

Electronic Tachometer w/o Hourmeter with Prox. Pick-Up

Windshield Protector

Tinted Windshield, Clear Side, Clear Fixed Rear

Heater Standard

Headlamps – Halogen – Single Round

Daytime Running Lights

High Beam Indicator Light

Horns – Air, Twin Trumpet (Mounted Under Cab) and Electric Single Tone (1) Horn

Identification/Clearance Lights, (7) Marker & Clearance

Low Air Pressure Indicator Light & Buzzer

Mirrors, Exterior – Moto Mirror Package – LH & RH Motorized and Heated

Convex Mirror – LH & RH B/F (7.5" Dia)

Parking Brake Control w/Warning Light

Key Start/Shutoff

Steering Column – Fixed

Steering Wheel

5-Way Binding Posts for CB Radio

Driver Seat – Bostrom Talladega 910 (Mid-Back)

Rider Seat – Fold-Up Mack

Seat Belts (Orange) Retractors, Lap & Shoulder for Driver's Seat, Lap for Fold-Up Rider's Seat

Cab Doors, RH Rear Opening Fold-Up and LH Standard Door w/Roll-Up Window

LE SERVICE CABS (continued)

Sun Visor, Interior – Both Sides

Turn Signal Switch, Signal Stat 915 Series

Windshield Washers, Electric Wiper Mounted w/7 Qt. Reservoir

Windshield Wipers Sprague – 2-Speed Electric w/Intermittent Feature

W/o Hand Throttle Control

W/o Backup Alarm

MR SERVICE CABS**MR STANDARD FEATURES**

Mirrors – West Coast, Bulldog – B/F
Identification and Clearance Lamps (7)
Grab Handles, RH & LH
Horns, Air, Twin Trumpet Mounted Under Cab and Electric (Single Tone)
Doors, Fiberglass, Windows (different for V-MAC level and C-MAC),
 Screened Vent in LH Door, Peep Window in RH Door
Tinted Windshields
Windshield Wipers and Washers w/Intermittent Feature
Trim I – Silver Gray
Interior Sun Visors – RH & LH
CB 5-Way Binding Posts
Heater/Air Conditioner w/Integral Defroster;
 w/o Receiver – Dryer, Compressor, Condenser or Plumbing
Dome Light w/Self-Contained Switch
Fixed Steering Column
Steering Wheel
Driver's Bostrom Talladega 905L, Air Susp. Mid-Back
 Rider's, Fixed Mack, Non-Susp., Mid Back
 Retractors – Driver & Rider
 Lap & Shoulder Belts – Driver & Rider
Rubber w/Closed Cell Vinyl Nitrile Backing
No Radio
Two Speakers
T.M.C. Recommended Instrument Panel
Air Pressure Gauge – Dual
Voltmeter
Fuel Level Gauge
Engine Oil Pressure Gauge
Engine Coolant Temperature Gauge
Low Air Pressure Indicator (Light & Buzzer)
Speedometer/Trip Odometer – V-MAC Only

MR SERVICE CABS (continued)

Tachometer w/Hourmeter – V-MAC Only

High Beam Indicator

Parking Brake On Indicator

Key Type Starting

Engine Shutoff, Key Type Control

Directional Signal Switch, Manual Canceling

RB & RD SERVICE CABS

RB & RD STANDARD FEATURES

Silver Gray Vinyl “Level I”

Driver’s Air Bostrom Talladega 914 Mid-Back

Rider’s Mack Fixed Mid-Back

Seat Belts – Lap & Shoulder Driver & Rider

Seat Belt Retractors Driver & Rider

Adjustable Steering Column

Interior Sun Visors – LH

Ash Tray

CB 5-Way Binding Posts

Overhead Console – No Radio

Air Conditioner, Mack w/o Receiver Dryer, Compressor, Condenser or Plumbing

Dome Light w/Self-Contained Switch

Floor Mats, Rubber Black = Level I

Carpeted Color Coordinated = Level III

Speakers, Radio – Two

W/o Door Mounted Armrest

Door Mtd Pouch – Driver’s Door = Level III

OPERATIONAL

T.M.C. Recommended Instrument Panel

Air Pressure Gauge

Voltmeter

Fuel Level Gauge

Engine Oil Pressure Gauge

Engine Coolant Temperature Gauge

Low Air Pressure Indicator (Light and Buzzer)

Speedometer/Trip Odometer – V-MAC Only

Tachometer w/Hourmeter – V-MAC Only

High Beam Indicator

Parking Brake On Indicator

RB & RD SERVICE CABS (continued)

Key Type Starting

Engine Shutoff, Key Type Control

Courtesy Light Switch (Head and Clearance)

Directional Signal Switch

Identification and Clearance Lamps (5)

Horns, Air Mack Rectangular Single Trumpet and Electric (Single Tone)

Doors, Galvanized Steel w/Roll-Up & Vent Windows

Grab Handles – RH & LH

Windshield Wipers and Washers

Mirrors Mack B/F West Coast

AIR SUSPENDED ISOLATED CAB MOUNT KITS

| | | | |
|--------------|---|-------------|--|
| CA36 & 49 | √ | 208SX 48C | R400 & 600 Models – Except Sheet Metal Front End |
| CA114 & CA49 | √ | 14RC 49301A | RL & RS Models (Hayward Built Only) |

CH SLEEPER BOX MOUNTING BRACKET KITS & CLOSURE PANEL KITS

| MACK P/N | DESCRIPTION |
|-----------------|--|
| √ 204SX 205 | 42" Sleeper Mounting – Able Body Sleeper |
| √ 204SX 206 | 60" Sleeper Mounting – Able Body Sleeper |
| * 204SX 380B | CH, CL – Non-Keystone Able Body and Millenium |

CX & CH KEYSTONE INTERIOR WITH 1QS51122M & 1QS51163M CABS

Following Kits to be used with Service Bulletin 610-008 for instruction.

| MACK P/N | DESCRIPTION |
|-----------------|-------------------------------------|
| 204SX 403 | Panel Retrofit Kit |
| 204SX 404 | Interior Retrofit Kit (Warm Gray) |
| 204SX 405 | Hardware Kit |
| 204SX 412 | Suspension Kit – CX, CH Keystone |
| 204SX 419 | Suspension Kit - CXN, CHN, CHU, CXU |
| 20QS 53M | Rear Glass |
| 23QS 525M | Seal Cab to Panel Lower |
| 23QS 526M | Seal Cab to Panel Upper |

SLEEPER BOXES

CH/CL Series 42" Flat Top

| | |
|-----------|-----------------------|
| 204SX 289 | Economy Silver Gray |
| 204SX 290 | Deluxe Blue |
| 204SX 291 | Deluxe Black |
| 204SX 292 | Preferred Silver Gray |
| 204SX 293 | Elite Crimson |
| 204SX 294 | Elite Silver Gray |

CH Comcar Series 42" Flat Top

| | |
|-------------|-----------------------------|
| 204SX 290P2 | Deluxe Blue – Trim Level II |
|-------------|-----------------------------|

CH/CL Series 50" Flat Top

| | |
|-----------|-----------------------|
| 204SX 295 | Economy Silver Gray |
| 204SX 296 | Deluxe Blue |
| 204SX 297 | Deluxe Black |
| 204SX 298 | Preferred Silver Gray |
| 204SX 299 | Elite Crimson |
| 204SX 300 | Elite Silver Gray |

- * Ref: Service Bulletin 19G005
- √ Kits are not available. Must order as units.
Level II – Premium Level III – Elite

SLEEPER BOXES (continued)**CH/CL Series 50" High Rise**

| | |
|-----------|-----------------------|
| 204SX 301 | Deluxe Blue |
| 204SX 302 | Deluxe Black |
| 204SX 303 | Preferred Silver Gray |
| 204SX 304 | Elite Crimson |
| 204SX 305 | Elite Silver Gray |

CH/CL Series 64" Flat Top

| | |
|-----------|-----------------------|
| 204SX 306 | Deluxe Blue |
| 204SX 307 | Deluxe Black |
| 204SX 308 | Preferred Silver Gray |
| 204SX 309 | Elite Crimson |
| 204SX 310 | Elite Silver Gray |

CH/CL Series 64" Midrise

| | |
|-----------|-----------------------|
| 204SX 311 | Deluxe Blue |
| 204SX 312 | Deluxe Black |
| 204SX 313 | Preferred Silver Gray |
| 204SX 314 | Elite Crimson |
| 204SX 315 | Elite Silver Gray |

CH/CL Series 64" Highrise

| | |
|-----------|-----------------------|
| 204SX 316 | Deluxe Blue |
| 204SX 317 | Deluxe Black |
| 204SX 318 | Preferred Silver Gray |
| 204SX 319 | Elite Crimson |
| 204SX 320 | Elite Silver Gray |

CH/CL Series 74" Highrise

| | |
|-----------|-----------------------|
| 204SX 321 | Preferred Silver Gray |
| 204SX 322 | Elite Crimson |
| 204SX 323 | Elite Silver Gray |

CH Keystone & CX Series 48" Flat Top

| | |
|-----------|--------------------------|
| 204SX 334 | Pewter Gray – Level I |
| 204SX 335 | Garnet Red – Level II |
| 204SX 336 | Glacier Blue – Level II |
| 204SX 337 | Desert Sand – Level II |
| 204SX 338 | Garnet Red – Level III |
| 204SX 339 | Glacier Blue – Level III |
| 204SX 340 | Desert Sand – Level III |

Level II – Premium Level III – Elite

SLEEPER BOXES (continued)**CH Keystone & CX Series 56" Flat Top**

| | |
|-------------|--------------------------|
| 204SX 341 | Pewter Gray – Level I |
| 204SX 342 | Garnet Red – Level II |
| 204SX 343 | Glacier Blue – Level II |
| 204SX 344 | Desert Sand – Level II |
| 204SX 345 | Garnet Red – Level III |
| 204SX 346 | Glacier Blue – Level III |
| 204SX 347 | Desert Sand – Level III |
| 204SX 402P2 | Glacier Blue – Comcar |

CX Series 70" Flat Top

| | |
|-----------|--------------------------|
| 204SX 356 | Garnet Red – Level II |
| 204SX 357 | Glacier Blue – Level II |
| 204SX 358 | Desert Sand – Level II |
| 204SX 359 | Garnet Red – Level III |
| 204SX 360 | Glacier Blue – Level III |
| 204SX 361 | Desert Sand – Level III |

CX Series 70" Midrise

| | |
|-------------|--------------------------|
| 204SX 362 | Garnet Red – Level II |
| 204SX 363 | Glacier Blue – Level II |
| 204SX 364 | Desert Sand – Level II |
| 204SX 365 | Garnet Red – Level III |
| 204SX 366 | Glacier Blue – Level III |
| 204SX 367 | Desert Sand – Level III |
| 204SX 400P2 | Glacier Blue – Comcar |

CX Series 70" Highrise – NLA

| | |
|-------------|--------------------------|
| 204SX 368 | Garnet Red – Level II |
| 204SX 369 | Glacier Blue – Level II |
| 204SX 370 | Desert Sand – Level II |
| 204SX 371 | Garnet Red – Level III |
| 204SX 372 | Glacier Blue – Level III |
| 204SX 373 | Desert Sand – Level III |
| 204SX 401P2 | Glacier Blue – Comcar |

CX Series 80" Highrise – NLA

| | |
|-----------|--------------------------|
| 204SX 374 | Garnet Red – Level II |
| 204SX 375 | Glacier Blue – Level II |
| 204SX 376 | Desert Sand – Level II |
| 204SX 377 | Garnet Red – Level III |
| 204SX 378 | Glacier Blue – Level III |
| 204SX 379 | Desert Sand – Level III |

Level II – Premium Level III – Elite

SLEEPER BOX SHELL W/O ROOF AND FLOOR

| DESCRIPTION | PART NUMBER |
|---|--------------------|
| <u>CL/CH OLD STYLE</u> | |
| 42" Standard w/LH Luggage Door | 4999-596SB0542 |
| 42" w/RH & LH Luggage Door | 4999-596SB0542P2 |
| 42" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0542P3 |
| 50" Standard w/LH Luggage Door | 4999-596SB0550 |
| 50" w/RH & LH Luggage Door | 4999-596SB0550P2 |
| 50" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0550P3 |
| 64" Standard w/LH Luggage Door | 4999-596SB0564 |
| 64" w/RH & LH Luggage Door | 4999-596SB0564P2 |
| 64" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0564P3 |
| 74" Standard w/LH Luggage Door | 4999-596SB0574 |
| 74" w/RH & LH Luggage Door | 4999-596SB0574P2 |
| 74" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0574P3 |
| <u>CX & CH KEYSTONE</u> | |
| 48" Standard w/LH Luggage Door | 4999-596SB0248 |
| 48" w/RH & LH Luggage Door | 4999-596SB0248P2 |
| 48" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0248P3 |
| 56" Standard w/LH Luggage Door | 4999-596SB0256 |
| 56" w/RH & LH Luggage Door | 4999-596SB0256P2 |
| 56" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0256P3 |
| 70" Standard w/LH Luggage Door | 4999-596SB0270 |
| 70" w/RH & LH Luggage Door | 4999-596SB0270P2 |
| 70" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0270P3 |
| 80" Standard w/LH Luggage Door | 4999-596SB0280 |
| 80" w/RH & LH Luggage Door | 4999-596SB0280P2 |
| 80" w/RH & LH Luggage Door w/RH Exit Door | 4999-596SB0280P3 |

CURRENT SERVICE DOORS

| MODELS | DESCRIPTION | GROOMED | DOOR SHELL |
|---|--------------------|--|-------------------|
| CS—Up to 2/92 | R.H. Steel | NLA | 4103-5516004592 |
| CS—Up to 2/92 | L.H. Steel | NLA | 4103-5516004589 |
| CS—From 3/92 up to 4/17/94 | R.H. Steel | NLA | 4103-5516004592 |
| CS—From 3/92 up to 4/17/94 | L.H. Steel | NLA | 4103-5516004589 |
| CS—From 4/18/94 up to 2/12/96 | R.H. Steel | NLA | 4103-5600588576 |
| CS—From 4/18/94 up to 2/12/96 | L.H. Steel | NLA | 4103-5600588575 |
| DM, DMM, U-(Only) | L.H. Steel (F1) | NLA | 31QS 5161BP2 |
| DM, DMM, U-(Only) | L.H. Steel | | 31QS 597AP2 |
| F, FM, R, RD, RM, RL, RS, RWL, RWS | L.H. Steel (F1) | | 31QS 5161B |
| | L.H. Steel | | 31QS 597A |
| DM, DMM, F, FM, R, RD, RM, RL, RS, RWL, RWS, U LE | R.H. Steel (F1) | | 31QS 5160BP5 |
| | R.H. Steel | | 31QS 596AP6 |
| | R.H. Roll Up | NLA | 1QX 5152M |
| | R.H. Lower | NLA | 1QX 5155M |
| | R.H. Upper | NLA | 1QX 5154M |
| | L.H. | NLA | 1QX 5153M |
| MC, MR w/Sliding Window | R.H. Fiberglass | NLA | 31QS 5144R |
| MC, MR w/Sliding Window | L.H. Fiberglass | | 31QS 5145R |
| MC, MR w/Crank Window | R.H. Fiberglass | NLA | |
| MC, MR w/Crank Window | L.H. Fiberglass | NLA | 31QS 5143R |
| CH, CL w/Peep Window | R.H. Fiberglass | NLA | NLA |
| CH, CL w/Peep Window Non-visibility Door | R.H. Steel | ***2QX 71(F3) ****2QX 73(F4) | (F2) 1QX 5139M2 |
| CH Keystone, CX Non-visibility Door | | NLA | 1QX 5139M2 |
| CH, CL w/o Peep Window | R.H. Fiberglass | NLA | NLA |
| CH, CL w/o Peep Window Non-visibility Door | R.H. Steel | ***2QX71P3(F3)(F4) ****2QX 73P3(F3)(F4) | (F2) 1QX 5139M |
| CH Keystone, CX Non-visibility Door | R.H. | NLA | 1QX 5139M |
| CH, CL w/o Vent | L.H. Fiberglass | NLA | NLA |
| CH, CL w/o Vent | L.H. Steel | ***2QX 72 (F3) | (F2) 1QX 5140M |
| CX, CH Keystone Non-visibility Door | L.H. | NLA | 1QX 5140M |
| CH, CL w/ Vent or Peep | L.H. Fiberglass | NLA | NLA |
| CH, CL w/Vent or Peep Non-visibility Door | L.H. Steel | ***2QX 72P3(F3) ****2QX 74P3(F3) | 1QX 5140M2 |

* Beige Interior

** Silver Gray Interior

*** Manual Window Lift

**** Electric Window Lift

* Consult QIB97-1 when changing from Fiberglass to Steel Doors.

F1 – Entered into Production date approximately October 1979.

F2 – Peep window/vent not furnished with service door shell.

F3 – Less Interior Door Panel

F4 – Available late 1997.

CV groomed door - NA

CURRENT SERVICE DOORS (continued)

| MODELS | DESCRIPTION | GROOMED | DOOR SHELL |
|----------------------------|-------------|---------|------------------|
| MS—Up to 2/92 | R.H. Steel | NLA | √4103-5600425656 |
| MS—Up to 2/92 | L.H. Steel | NLA | √4103-5600425654 |
| MS—From 3/92 up to 4/17/94 | R.H. Steel | NLA | 4103-5600460718 |
| MS—From 3/92 up to 4/17/94 | L.H. Steel | NLA | 4103-5600460715 |
| MS—From 2/96 on | R.H. Steel | NLA | 4103-5600616921 |
| MS—From 2/96 on | L.H. Steel | NLA | 4103-5600616924 |
| MS—(Rear 4-Door) | R.H. Steel | NLA | 4103-5828126342 |
| MS—(Rear 4-Door) | L.H. Steel | NLA | 4103-5828126341 |

HIGH VISIBILITY DOOR SHELLS

| MODELS | DESCRIPTION | DOOR SHELL |
|------------------------------|-------------|------------|
| CXN, CHN, CX, CH Keystone | | |
| CV w/o Peep | R.H. | 1QX 5156M |
| High Visibility Door | L.H. | 1QX 5157M |
| CXN, CHN, CX, CH Keystone | | |
| CV w/Peep | R.H. | 1QX 5156M2 |
| High Visibility Door | L.H. | 1QX 5157M2 |

- * Beige Interior
- ** Silver Gray Interior
- *** Manual Window Lift
- **** Electric Window Lift

* Consult QIB97-1 when changing from Fiberglass to Steel Doors.

F1 – Entered into Production date approximately October 1979.

F2 – Peep window/vent not furnished with service door shell.

F3 – Less Interior Door Panel

F4 – Available late 1997.

√Kits are not available. Must order as units.

CV groomed door - NA

CURRENT WINDOW REGULATORS

| MODEL | RIGHT HAND | LEFT HAND |
|---|-------------------|------------------|
| DM, DMM, F, R, RB, RD, RM, RL, RS, RW, U (w/Old Latch) | 43QX 55P7 | 43QX 56P7 |
| DM, DMM, F, R, RB, RD, RM, RL, RS, RW, U (w/New Latch) | 43QX 55 | 43QX 56 |
| MC, MR | 43QX 59 | 43QX 510 |
| CH, CL, MH | Not Available | |

AIR WINDOW LIFT & AIR DOOR LOCK KITS

AIR WINDOW LIFT KIT

| | | |
|-------------------------------------|---------------|---------------|
| CH, CL & MH (Fiberglass Doors Only) | NLA | 8008-CWL3MK1L |
| DM, DMM, F, R, RA, RB, RL, RS, U | 8008-AWL3MK4R | 8008-AWL3MK4L |
| MC | 8008-CWL3MK3R | 8008-CWL3MK3L |
| W | NLA | NLA |

ELECTRIC WINDOW KIT

| | | |
|-----------------------------------|-------------|-----------|
| DM, DMM, R, RA, RB, RL, RS, RW, W | 34RC 1158 | RH and LH |
| CH, CL (Steel Doors Only) | * 204SX 324 | RH and LH |

AIR DOOR LOCK KITS

| | |
|-----------------------|---------------|
| CH, CL & MH - RH Only | 8008-CDL1MK1R |
| Dual, LH & RH | 8008-CDL1MK1D |
| W - RH Only | 8008-CDL1MK2R |
| Dual, LH & RH | 8008-CDL1MK2D |

POWER WINDOWS AND DOOR LOCK KIT

| | |
|---|------------|
| * CH KEYSTONE AND CX ONLY w/o visibility doors | 204SX 393A |
| ** CH KEYSTONE AND CX w/visibility doors | 204SX 411 |

* Must order parts separately.

** Note: If connection problems with heated mirrors, purchase 41 MR 4766M to mate.

AIR HORNS

| PART NO. | DESCRIPTION |
|-----------------|--|
| 34RU 1212 | 6" Flare Horn Shield (Round) |
| 38MR 142 | 24 1/2" w/6" Flare and Pedestal w/Gasket |
| 38MR 29305 | Single 37 1/2" (L) w/2 1/2" Flare |
| 38MR 29305P2 | Single 34" (L) w/2 1/2" Flare |
| 38MR 3126 | Dual 15" w/ 3 3/4" Flare (Chrome) |
| 38MR 359B | Dual 14" x 12" BW – w/3 3/4" Flare |
| 38MR 4162 | 24" (L) w/Rectangular Flare & Mack Shield |
| 38MR 4186 | 26" (L) w/Rectangular Flare & Mack Shield (MH) |
| 38MR 4187 | 24 1/2" (L) w/6" Flare (MH) |
| 38MR 462 | Dual 15 1/2" x 13 1/2" w/4" Flare |
| 3994-H00889B | Shield for CH Models |
| 46SG 27 | 4" Flare Horn Shield (Round) |
| 85RD 112 | As Above Complete Kit (Valves 86RD 16A) |
| 141SG 13 | Single 24 1/2" (L) w/6" Flare |
| 141SG 14 | Dual 24 1/2" x 21 1/2" Horn Only |
| 141SG 15 | As Above w/Installation Kit |
| 141SG19 | Dual As Above w/Installation Kit |

AIR CONDITIONING KITS FOR MR & LE

| PART NO. | APPLICATION |
|-----------------|-----------------------------|
| √ 204SX 284 | MR Rooftop Air Conditioning |
| √ 204SX 288* | LE Rooftop Air Conditioning |

AIR CONDITIONING KITS FOR MID-LINER

RED DOT

| MODEL | PART NO. | REMARKS |
|--------------|-----------------|---|
| CS (All) | 4379-R21201 | 06.02.26 Engine |
| CS200/250 | 4379-R21200 | 06.02.12 Engine, thru 1989 |
| MS (All) | 4379-R21108 | 06.02.26 Engine, 1988 to Present |
| MS200/250 | 4379-R21105 | 06.02.12 Engine, 1982 to 1989 |
| MS300 | 4379-R21103 | 06.02.30 Engine, 1982 to 1985 (Up to Chassis #63870) |
| MS300 | 4379-R21109 | 06.02.30 Engine, 1985 to 1989 (From Chassis #63871 to #69999) |

Red Dot Kits Include: Air Condition Unit, Condenser, Installation Kit, Compressor, Clutch and Mount Kit

√Kits are not available. Must order as units.

* Cannot be used on LE's or MR's with ASET engines.

CAB

AIR CONDITIONING RETROFIT KITS

| | | |
|--|------------------|----------------------------------|
| * 215SB 201M | R134A | CH/CL w/Viscous Fan E7 Only |
| * 215SB 201M2 | R134A | CH/CL w/On-Off Fan Drive E7 Only |
| 215SB 202M | R134A | RD Facelift |
| 215SB 209M | R134A | RB |
| * Additional parts required for CH Non-sleeper cab | * 210RD 54M | Condenser |
| | * 212RD 43P11 | Suction Hose |
| ** Additional parts required for CH sleeper cab | ** 210RD 54M | Condenser |
| | ** 212RD 43P12 | Suction hose |
| | ** 4379-RD571250 | Expansion Valve |

INTERIOR GROOMING KITS

| PART NO. | APPLICATION |
|-----------------|---|
| 204SX 130 | R, RB & RD Models (Deluxe Beige) |
| 204SX 131 | R, RB & RD Models (Deluxe Silver Gray) |
| 204SX 132 | R, RB & RD Models (Deluxe Blue) |
| NLA | R, RB & RD Models (Deluxe Black) |
| NLA | R, RB & RD Models (Deluxe Red) |
| 204SX 188 | R, RB & RD Models (Deluxe Silver Gray) (Level IV) |

TOOL KIT

| PART NO. | APPLICATION |
|-----------------|----------------------|
| 204SX 397 | CX Wind Rumble Noise |

WIPER KIT

| PART NO. | APPLICATION |
|-----------------|---|
| 242SX 46A | R, RD Models – Air to Electric Conversion Kit |

INTERIOR SUN VISORS

| MODEL | R.H. | L.H. | CENTER |
|------------------|------------------|------------------|---------------|
| CH (Black) | 147QS 439M | 147QS 439M | |
| DM, R, U (Beige) | 147QS 316BP2 | 147QS 316BP2 | |
| MC, MR (Beige) | 147QS 331R | 147QS 331R | |
| MH (Black) | 147QS 432M | 147QS 432M | 147QS 430M |
| MS/CS (White) | 4103-5516003562* | 4103-5516003561* | |
| MS/CS (Brown) | 4103-5516004148* | 4103-5516004149* | |
| RWI (Black) | 147QS 49304RP2 | 147QS 49304RP2 | |
| W (Dark Brown) | 147QS 39305RP2 | 147QS 39305R | NLA |

* Bracket Not Included

EXTERIOR SUN VISOR KITS
(Not Used w/Air Fairing or High Rise Sleeper)

| | | |
|---|------------|---|
| √ | 204SX 137 | MH Model (149QS 51M Visor Not Included) |
| | 204SX 202A | CH, CL Model – Includes Hardware |
| | 204SX 269A | R, RB, RD, RM, RW – Includes Hardware Kit 204SX 398 |
| | 204SX 270A | DM & DMM – Includes Hardware Kit 204SX 398 |
| | 204SX 398 | Hardware Kit – (R, RB, RD, RM, RW, DM, DMM) |
| | 148QSA 72 | CV – No Kit Available – Use Reference Arrangement |
| | 204SX 423 | Kit Hardware – (CH,CL) |

STANDARD MIRRORS

| PART NO. | DESCRIPTION |
|-----------------|---|
| 72QS 292 | Bright Finish Aluminum, 6" x 16" |
| 72QS 296P3 | 7-1/2" Spot (Stainless Steel) |
| 72QS 3167 | 7" x 16" w/o Heated Head S/S |
| 72QS 418P2 | Standard Mack Head S/S 7" x 16" (All Models) |
| 72QS 418P4 | Standard Mack Head Aluminum 7" x 16" (All Models) |
| 72QS 418P5 | Standard Mack Head Black 7" x 16" (All Models) |
| 147SX 33 | Bright Finish Heated Mirror |
| 2129-HR13 | 7-1/2" Spot (Black) |
| 2129-HR42 | 7" x 16" West Coast (Black) |
| 3157-55096 | Mack Sized Repl. Mirror Glass |

MACK "BULLDOG" MIRRORS

| PART NO. | DESCRIPTION |
|-----------------|--|
| 3157-M7162 | Replacement Glass |
| 3157-MSCBR | Polished Silver w/Chrome Bulldog, R.H. |
| 3157-MSCBL | Polished Silver w/Chrome Bulldog, L.H. |
| NLA | Polished Silver w/Gold Bulldog, L.H. |
| 3157-MSGBR | Polished Silver w/Gold Bulldog, R.H. |
| 3157-MGGBR | Polished Gold w/Gold Bulldog, R.H. |

√ Kits are not available. Must order as unit.

MACK "BULLDOG" MIRRORS (continued)

| PART NO. | DESCRIPTION |
|-----------------|------------------------------------|
| 3157-MGGBL | Polished Gold w/Gold Bulldog, L.H. |
| 3157-MGP716 | Polished Gold w/o Bulldog |
| 3157-MSP716 | Polished Silver w/o Bulldog |

All Bulldog mirrors have distortion-free glass, and are shockproof. Patented extruded aluminum housing provides a quality look not found in any other mirrors. Plus, standard mirror glass is used, so glass replacement is a snap.

- Heated or Unheated
- Maintenance-Free
- Larger Viewing Area
- Fits All Brackets
- Rust-Proof Anodized Aluminum
- Vibration-Proof
- Available in wind deflector (WD) version to minimize splash onto mirror
- See Sales Service Merchandiser, Section 15 for more information.

MIRROR BRACKETS KITS

| KIT NO. | APPLICATION |
|-----------------|--|
| 22SX 81 | Hood Mtn. Assembly – Stainless Steel |
| 22SX 82 | Hood Mtn. Assembly – Black |
| 22SX 83 | Fender Mtn. Arm – Stainless Steel |
| 22SX 84 | Fender Mtn. Arm – Black |
| 22SX 87 | "L" Mtn. Bracket – Stainless Steel |
| 22SX 88 | "L" Mtn. Bracket – Black |
| 72QS 1204 | F Model – Black (CA38, S39, & S40) |
| 72QS 1206 | R Model (West Coast) – Black R.H. (CA36) w/Arm |
| 72QS 1207 | R Model (West Coast) – Black L.H. (CA36) w/Arm |
| 204SX 102 | F Model Stainless Steel (CA38, S39, S40) |
| 204SX 103 | R Model (West Coast) – Stainless Steel R.H. (CA36) w/Arm |
| 204SX 104 | R Model (West Coast) – Stainless Steel L.H. (CA36) w/Arm |
| 204SX 209 | CH, CL – Models L.H. – Stainless Steel |
| 204SX 210 | CH, CL – Models R.H. – Stainless Steel |
| 4103-5000976302 | CS, MS – Models L.H. Arm Assembly, Stainless Steel |
| 4103-5000976303 | CS, MS – Models R.H. Arm Assembly, Stainless Steel |

FENDER MIRROR KIT

| KIT NO. | APPLICATION |
|----------------|-----------------------------|
| 204SX 218 | CH & CL Models, L.H. & R.H. |

UNDER CAB THERMAL KIT

| KIT NO. | APPLICATION |
|----------------|--------------------|
| 204SX 427 | LE, LEU |

AIR DEFLECTOR KITS

| KIT NO. | APPLICATION |
|----------------|------------------------------|
| √ 204SX 142 | Wind Deflector Kit (MH 96") |
| 204SX 143 | Wind Deflector Kit (MH 102") |

CARPET KITS / FLOOR MATS

| KIT NO. | APPLICATION |
|----------------|--|
| 9291-1170 NLA | MH, MS, WL, WS Models (Black) |
| 9291-1171 | CH, CL, R, RB, RD, RW Models (Black) |
| 9291-1172 NLA | CS Model (Black) |
| NLA | DM, DMM, U Models (Black) |
| 9291-C1176 | CH, CL, R, RB, RD, RW, Models (Black) Carpeted |

CH ROOF FAIRING KITS*

| KIT NO. | APPLICATION |
|----------------|---|
| √ 204SX 198 | 42" Sleeper w/o Window Use Units |
| √ 204SX 199 | 60" Sleeper Use Units – Contains 204SX 231 Hardware Kit |
| √ 204SX 200 | Non-Sleeper w/o Side Fairing Use Units |
| √ 204SX 201 | Non-Sleeper w/Side Fairing Use Units |
| 204SX 230 | 42" Sleeper Use Units – Hardware Only |
| 204SX 231 | 60" Sleeper Use Units – Hardware Only |
| 204SX 232 | Non-Sleeper w/o Side Fairing Use Units |
| 204SX 229 | Non-Sleeper w/Side Fairing Use Units |

* Reference Only, Use Macspec III for breakdown.

CH FOG LAMP KITS

| KIT NO. | DESCRIPTION |
|----------------|---|
| 204SX 204B | Auxiliary Fog Lamp For Steel Bumpers, see arrgt. 48MO 75 For E-TECH V-MAC III, use 18MS 714 Relay – 2MR 2149M Fuse – 985AM 18 from 8/16/96 to 9/29/96 985AM 21 from 9/30/96 (or 11MR 318M w/metal sides) |

√ Kits are not available. Must order as unit.

| |
|------------|
| CAB |
|------------|

CH KEYSTONE FOG LAMP KITS

| KIT NO. | APPLICATION |
|----------------|--|
| 204SX 390 | Auxiliary Lamp Kit w/Non-Metallic Bumper |
| 204SX 391 | Auxiliary Lamp Kit w/Clad Bumper |

CX FOG LAMP KITS

| KIT NO. | APPLICATION |
|----------------|--|
| * 204SX 382 | CX Auxiliary Lamps for Non-Metallic Bumper |

CAB FOOT CONTROL

| KIT NO. | APPLICATION |
|----------------|---|
| 208SX 64 | CH, CL Cab Foot Control (Refer to Service Bulletin – 07A001) |

CO-PILOT

| KIT NO. | APPLICATION |
|----------------|--|
| √* 215SB 223 | Co-Pilot Services Installation Kit (for V-MAC II Only) |
| 215SB 291 | Co-Pilot Services Installation Kit (For V-MAC III) |

HARDWARE

| KIT NO. | APPLICATION |
|----------------|--------------------------------------|
| 204SX 417 | V-MAC III Terminal and Connector Kit |
| 204SX 418 | Hardware Kit for Steering Gear M100 |
| 204SX 419 | Suspension Kit for CXN/CHN |
| 204SX 420 | “CT” Body Builder Harness Kit |

TOOL KIT

| KIT NO. | APPLICATION |
|----------------|--------------------|
| 85111848 | VCADS |

√ Kits are not available. Must order units.

* Can also be used on any truck that has been upgraded from a V-MAC I to a V-MAC II.

| |
|---------------|
| ENGINE |
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BEARING KITS, ENGINE MAIN

| PART NO. | APPLICATION |
|-----------------|--|
| NLA | EN431, 438, 457, 464, 510, 540 (.010" U.S.) (Note1) |
| 215SB 36C | All Mack family 673 & 711 diesel engines and 707 gas engines. Std.) (Note 2) |
| 215SB 36CP2 | All Mack family 673 & 711 diesel engines and 707 gas engines. .010" U.S.) (Note 2) |
| 215SB 36CP3 | All Mack family 673 & 711 diesel engines and 707 gas engines. .020" U.S.) (Note 2) |
| 215SB 72D | All Mack family 673, 675 & 711 diesel engines (Std.) (Note 3) |
| 215SB 72DP2 | All Mack family 673, 675 & 711 diesel engines (.010" U.S.) (Note 3) |
| 215SB 72DP3 | All Mack family 673, 675 & 711 diesel engines (.020" U.S.) (Note 3) |
| 57GC 387 | Main Bearings, E7 Engines (Std.) |
| 57GC 387P10 | Main Bearings, E7 Engines (.010" U.S.) |
| 57GC 387P20 | Main Bearings, E7 Engines (.020" U.S.) |
| 57GC 387P30 | Main Bearings, E7 Engines (.030" U.S.) |
| 64GB 21786A | Main Bearings, E9 Engines (Std.) |
| 64GB 21786AP10 | Main Bearings, E9 Engines (.010" U.S.) |
| 64GB 21786AP20 | Main Bearings, E9 Engines (.020" U.S.) |
| 85103707 | MD11 (Std) |
| 85103708 | MD11 (.25mm U.S.) |
| 85103709 | MD11 (.50mm U.S.) |
| 85103710 | MD11 (.75mm U.S.) |
| 85103711 | MD11 (1.0mm U.S.) |
| 85103712 | MD11 (1.25mm U.S.) |

NOTE: If you are using main bearing kit #215SB 72D on an E6-350, it will be necessary to replace the thrust washer (57GC 279) in this kit with the 57GC 2110.

| |
|---------------|
| ENGINE |
|---------------|

BEARING PAIRS, CONNECTING ROD

| PART NO. | APPLICATION |
|-----------------|---|
| NLA | EN291, 331, 354A, 401, 402 (Std.) |
| NLA | EN438, END457, EN464, EN510A, END510, EN540A (Std.) |
| 62GB 2383 | ED, EO, EP, EY, END605, EN672, END672, END673, ENDT673, EN707A, B, END711 (Std.) (Note 4) |
| 62GB 2382 | END673, ENDT673, ENDT675, END676, END711 (Std.) (Note 4) |
| 62GB 1339 | END864, ENDT864 (Std.) |
| 62GB 1350 | END865, ENDT866 (Std.) |
| 62GB 2391 | E9-400 Series (Std.) (Note 5) |
| 62GB 2393 | All 6 4VH & 2VH, Low Speed Maxidyne (Std.) |
| 62GB 2396A | E7 (Std.) |
| 85109792 | MD11 (Std.) |

Some bearing pairs also available in .002", .010", .020", .030", .040", .050", & .060".
"P" number indicates undersize, i.e. 62GB 1319BP2 is .002".

- NOTE:**
1. Used on engines built prior to 1964.
 2. With 1-1/8" wide intermediate bearing.
 3. With 1-1/4" wide intermediate bearing.
 4. 62GB2383P1 (1.913" wide) was used on ENDT673 built prior to 1960 and END673, EN707, END711 built prior to 1962.
62GB 2382P1 (1.600" wide) was used after these dates.
 5. See Service Bulletin F344 under Engines for older 62GB 1355AP1.

ENGINE

GASKET SETS – ENGINE

| PART NO. | APPLICATION | TYPE OF GASKET KIT |
|-----------------|--|---------------------------|
| 126SB 150A | EN438 | Valve Grinding |
| 126SB 151 | EN438 | Manifold Gasket |
| 126SB 82D | EN457 | Engine Complete |
| NLA | EN457 | Valve Grinding |
| NLA | EN464 | Engine Complete |
| 126SB 150A | EN464 | Valve Grinding |
| 126SB 151 | EN464 | Manifold Gasket |
| 126SB 170B | END465 | Engine Complete |
| NLA | END465 | Valve Grinding |
| 126SB 82D | EN471, EN471A | Engine Complete |
| NLA | EN471, EN471A | Valve Grinding |
| 126SB 82D | EN510A, EN510B, EN510C | Engine Complete |
| NLA | EN510A, EN510B, EN510C | Valve Grinding |
| NLA | EN540 | Engine Complete |
| 126SB 161 | EN540 | Valve Grinding |
| NLA | END672 | Valve Grinding |
| 126SB 147 | END673 | Manifold Gasket |
| 126SB 183A | END(T)673, ENDT675, 676 – Up to 1983 | Valve Grinding |
| 126SB 184A | END(T)673, ENDT675, 676 – Up to 1983, EM6-237 | Engine Lower |
| 126SB 187 | ESI2, 4 VH – From 1984 on | Valve Grinding |
| 126SB 188A | ESI2, 4 VH – From 1984 on | Engine Lower |
| NLA | EN707A, EN707B | Engine Complete |
| NLA | EN707A, EN707B | Valve Grinding |
| NLA | EN707C | Engine Complete |
| NLA | EN707C | Valve Grinding |
| NLA | EN707C | Manifold Gasket |
| NLA | END707, END711 | Manifold Gasket |
| 126SB 184A | END707, END711 | Engine Lower |
| NLA | END864, ENDT864 | Engine Complete |
| 126SB 181A | ENDT865, ENDT866 | Valve Grinding |
| 126SB 182A | ENDT865, ENDT866 | Engine Lower |
| 126SB 185 | ET1000 Series (EM9-400 Series) | Valve Grinding |
| 126SB 186A | ET1000 Series (EM9-400 Series) | Engine Lower |
| 57GC 2118 | E7 | Valve Grinding |
| 57GC 2119 | E7 | Engine Lower |
| 57GC 2178 | E7 E-Tech | Valve Grinding |
| 215SB 334A | E7 E-Tech (with isolated CHC) | Valve Grinding |
| 57GC 2179 | E7 E-Tech | Engine Lower |
| 57GC 3133 | ASET Engine | Lower Gasket Kit |
| 57GC 2241 | ASET Engine | Valve Grinding |
| 85116920* | US04 & US07 MD11 | Upper |
| 85116921* | US07 13L | Upper |

* Kit includes all the gaskets that are required to remove and install a head which includes all manifolds and other connections.

ENGINE

GASKET SETS – ENGINE (continued)

| PART NO. | APPLICATION | TYPE OF GASKET KET |
|---------------------|---------------------------------------|---------------------------|
| 57GC 385 | EE9-502 & E9 | Engine Lower |
| 4103-5000793661 | Engines for CS & MS (200-250) | Lower Gasket Kit/06.02.12 |
| 4103-5000793039* | All MIDS Eng. & MIDR Eng. | Lower Gasket Kit/06.20.30 |
| 57GC 2197 | E7G | Lower Gasket Kit |
| 57GC 2200 | E7LSR E-Tech w/o Cylinder Head Gasket | Lower Gasket Kit |
| 4103-5001826446** | MIDR Eng. | Lower Gasket Kit/06.20.30 |
| 4103-5001826453 | All MIDR | Lower Gasket Kit/06.02.26 |
| 4103-5001826449 | Engines for CS & MS (200-250) | Upper Gasket Kit/06.02.12 |
| 4103-5001825564 | All MIDR & MIDS 1-Cyl. Head Repair | Upper Gasket Kit/06.20.30 |
| 4103-5001825566 | All MIDR & MIDS 6-Cyl. Head Repair | Upper Gasket Kit/06.20.30 |
| 4103-5001826451*** | All MIDR | Upper Gasket Kit/06.02.26 |
| 4103-5001826452**** | All MIDR | Upper Gasket Kit/06.02.26 |

* On MS Models, for all MIDS Engines & for MIDR “B” Engine up to Serial No. 2208 or “C” Engine up to Serial No. 1019. Up to production date 6/85. On CS Models, from “B” Engine Serial No. 6620, from “C” Engine Serial No. 1348 on, from production date 6/88 on.

** On MS Models, for MIDR 06.20.30B from Engine Serial No. 2209 up to 6619, and MIDR 06.20.30C from Engine Serial No. 1020 up to 1347. Lower kit, cylinder block repair. On CS Models, from 7/85 on MIDR “B” Engine Serial No. 2209 to 5/88 on “B” Engine Serial No. 2209 to 5/88. Also for MIDR “C” Engine from Serial No. 1020 to Serial No. 1347.

*** Up to 06.02.26I Engine Serial No. 2403 or up to 06.22.26K Engine Serial No. 1168. Up to production date 2/90.

**** From 06.02.26I Engine Serial No. 2404 or up to 06.02.26K Engine Serial No. 1169 on. From production date 3/90 on. Also for 06.26I & M.

| |
|---------------|
| ENGINE |
|---------------|

ESI ENGINE CONVERSION KITS
(OIL FILTER & OIL COOLER KITS)

| PART NO. | APPLICATION |
|-----------------|--|
| √ 215SB 123 | Oil Filter Conversion Kit (Full Flow to ESI) |
| 215SB 124 | Oil Cooler Conversion Kit (Full Flow to ESI) |
| 57GC 269 | Oil Cooler Core Kit E9 |

ASET FILTER KITS – See QIB 2004-01*

ESI PLUS FILTER KITS – See QIB 2004-01*

MP7/MP8 FILTER SERVICE KIT – See QIB 2008-01

INJECTION PUMP DRIVE KIT

| PART NO. | APPLICATION |
|-----------------|--|
| √ 215SB 107 | Pump Drive Conversion Kit to Improved Design Mack 6 Cylinder |

√ Kits not available. Must order units.

* See QIB 2004-01A Revised for Fuel Filter Kits and kit contents. See your specific engine for Filters and apply to following kits.

ENGINE

FUEL PRO – FUEL WATER SEPARATOR

| PART NO. | APPLICATION |
|-----------------|-----------------------------|
| 215SB 300 | 382 w/12V/24V Thermostwitch |

REAR ENGINE INSULATOR KITS

| PART NO. | APPLICATION |
|-----------------|--|
| 204SX 216 | Insulators & Mounting Hardware (20QL1118A) |
| 204SX 389 | Insulators & Mounting Hardware Fuller Transmission |
| 204SX 426 | Insulators & Mounting Hardware (Stiffer Bushing) |

WATER PUMP GASKET KITS

| PART NO. | APPLICATION |
|-----------------|--|
| 57GC 182 | E6 Series Engines |
| NLA | EN377, EN401, EN402, EN464 Engines |
| 57GC 184 | END(T)864(A), ENDT(B)865, ENDT(B)866 Engines |

WATER PUMP REPAIR KITS

| PART NO. | APPLICATION |
|-----------------|--|
| 57GC 2123B | E7, except CH & MR Models |
| 57GC 2124B | E7, MR Models |
| √ 57GC 2127A | E7, CH Models |
| 57GC 2139A | All E6 CMCAC – Short Shaft & Unitized Seal |
| 57GC 2148 | All E6 except CMCAC – Long Shaft & Unitized Seal |
| √ 202SB 34A | END(D)T(B)865 & ENDT(B)866 |
| NLA | EN402 in R Model |
| √ 202SB 42A | E6 Cylinder Engines |
| 202SB 43 | E9 Series |
| 202SB 44 | E6 – CMCAC and E6 w/Unitized Seal and Large Water Pump Shaft |

WATER PUMP REPAIR KITS

| PART NO. | APPLICATION |
|-----------------|---|
| 57GC 2123B | E7 w/short shaft – 469GC 253M |
| Services: | 316GC 4109BM |
| | 316GC 548CM |
| | 316GC 551M |
| | 316GC 559M |
| | 316GC 566M series – Service Pump 316GC 284D |

202SB 46

√ Kits are not available. Must order as units.

ENGINE

WATER PUMP REPAIR KITS (continued)

| | | |
|-------------------------|--|---|
| 57GC 2124B Services: | E7 w/long shaft – 469GC 254AM 316GC 4110BM 316GC 4111BM 316GC 4114M 316GC 552M series 316GC 553AM 316GC 556M | |
| 57GC 2202A Services | E7 water pumps w/short shaft 316GC 551AM series 316GC 548DM series 316GC 559AM series 316GC 4109CM series 316GC 565M series – service pump 316GC 3194 | <div style="border: 1px solid black; width: 100px; height: 40px; display: inline-block;"></div> Service Pump 316GC 284C |
| 57GC 2203 Services: | E7 water pumps w/long shaft 316GC 552AM series 316GC 553BM series 316GC 556AM series 316GC 4110CM series 316GC 4111CM series 316GC 4114AM series 316GC 563M – Service Pump 316GC 289AP2 316GC 569M 316GC 570M series – Service Pump 316GC 289A 316GC 563M2 – Service Pump 316GC 289AP3 | <div style="border: 1px solid black; width: 100px; height: 40px; display: inline-block;"></div> Service Pump 316GC 3195 |

CYLINDER HEAD GASKET KITS

| PART NO. | APPLICATION |
|------------|--|
| 57GC 189A | E6 |
| 57GC 197A | E9 |
| 57GC 199 | ENDT(B)865 – 866 |
| 57GC 2115A | E7 w/553GB 224 Fire Ring (June 1993 & After) |
| 57GC 2125A | E6 Reman only w/.010 Thicker Gasket |
| 57GC 2155 | E7 w/553GB 3279 Fire Ring (E7 – Pre June 1993) |
| 57GC 2176 | E7 E-Tech |
| 20495935 | MP Engine, No Kit (Gasket Only) |

**BRIGHT FINISHED CYLINDER HEAD COVERS
FOR LIMITED EDITION ELITE CL**

| PART NO. | APPLICATION |
|------------|-------------|
| 57GC 441M | E7 |
| 57GC 441M2 | E9 |

| |
|---------------|
| ENGINE |
|---------------|

TURBO MTG KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 85112870 | MP8 Engine |

CYLINDER LINER GASKET KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 85103699 | MP Engine |

INLET/EXHAUST MANIFOLD GASKET KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 85103767 | MP Engine |

REAR ENGINE PTO

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 57GC 3117 | E7 E-Tech & E7-PLN |

FUEL WATER SEPARATOR

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 215SB 292 | CX Only |

HOLSET COMPRESSOR

| PART NO. | APPLICATION |
|-----------------|----------------------------------|
| 215SB 297 | Holset Compressor Conversion Kit |

CMCAC KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 204SX 272 | MH |
| 204SX 273 | CL, Mack and Cat |
| 204SX 274 | CL, Detroit Diesel |
| 204SX 275 | DM, Non E-Tech |
| 204SX 399 | DM, E-Tech |

CONVERSION KIT V-MAC I - V-MAC II

| PART NO. | APPLICATION |
|-----------------|---|
| CA65 | See Service Bulletin 230-001 To Convert V-MAC I to V-MAC II |

| |
|---------------|
| ENGINE |
|---------------|

ELECTRONIC UNIT PUMP O-RING KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 935-DGK132 | E7 E-Tech |

OIL LUBE KITS

| PART NO. | APPLICATION | SPACERS |
|-----------------|--------------------|--|
| 215SB 303 | Oil Lube, Exterior | (2) 537GC 56AP8 w/Isolated Covers (2) 537GC 54AP7 |

THERMOSTAT KITS

| PART NO. | APPLICATION |
|-----------------|---|
| NLA | Mack Six Cylinder Pre-ESI Engines – 155 deg. F |
| NLA | Mack Six Cylinder Pre-ESI Engines – 170 deg. F |
| 215SB 164AP3 | Mack Six Cylinder Pre-ESI Engines – 180 deg. F |
| 215SB 165B | Mack Six Cylinder ESI & ESI Plus Engines – 160 deg. F |
| 215SB 165BP2 | Mack Six Cylinder ESI & ESI Plus Engines – 170 deg. F |
| 215SB 165BP3 | Mack Six Cylinder ESI & ESI Plus Engines – 180 deg. F |
| 215SB 166AP3 | Mack ENDT865 or 866 & ET1000 Engines – 180 deg. F |
| 215SB 169 | EPA '02 - Thermostat Kit includes Thermostat and Gasket. ASET AC Engine, ASET AI Engine built after January 1, 2004. |

JAKE BRAKE KITS

| PART NO. | APPLICATION |
|-----------------|---|
| 215SB 206A | E6-4 Valve Ambac Model 800 & 300, 6BB & E6-4 Robert Bosch Pump, Neg (-) Ground and Positive (+) Ground |
| 215SB 207A | E7, V-MAC I and II |
| √ 215SB 211 | Stealth Retarding System – V-MAC II Only E7-427-454 Only – V-MAC II Only |
| 57GC 520 | E-Tech Jake Brake External Oil Kit |

ENGINE

JAKE BRAKE KITS (Continued)

- 215SB 288 For (Isolator Mtg) 337GB 537 or 337GB 545 Cylinder Head Cover or your truck was built w/Air Conditioning & Valve Cover 337GB 4109, order the following:
215SB 293C Pre Aset Jake Brake Kit
(6) 417GC 310M w/CCRS Engines
Or
(6) 417GC 32AM w/o CCRS Engines
You will also need (1) of the following Cab Switch Kits:
215SB 289 for CH/CL
215SB 290 for DM/MR/RB/RD (toggle type switch)
215SB 295 for CH Keystone/CX
215SB 317 for CV
215SB 323 for DM/MR/RB/RD with (ISO Rocker Switch)
For all other Cylinder Head Covers order:
**** 215SB 288B ****
You will also need (1) of the above Cab Switch Kits.
- 85112670 US07 Engine Brake Upgrade Kit
- 21144652 Engine Brake Kit US07-MP7
- 21144653 Engine Brake Kit US07-MP8

√ Kits are not available. Must order as units.

For E-Tech and Aset Engines, see SB266-017 and SB266-011.

For Power Leash, see SB266-016.

ENGINE

CYLINDER REBUILD KITS

E6 Models Include Piston, Piston Pin, Pin Retainers, Sleeve & Ring Set

E9 Models Include Piston, Piston Pin, Pin Retainers, Sleeve, Ring Set & Sleeve Seals

E7 Models Include Piston, Piston Pin, Pin Retainers, Sleeve, Ring Set & Sleeve Seals

(Also applies to Older 865 & 866 V8's)

MD11 Model Includes Liner, Piston, Piston Pin, Retaining Ring, Oil Scraper Ring, Compression Ring Lower and Upper, Seal Ring Upper and Lower, Top Cover

E6

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|--|--|---|
| √ 57GC 352C (Use Units) | E6-200 | 240GC 41376C (240GC 1565C) |
| √ 57GC 353C (Use Units) | E6-250, E6-260 | 240GC 547C → 240GC5111M (215SB 227) |
| 215SB 214A, P2, P4,P6, P12, P20 & P30 (Use Units) Optional with 57GC 376, 57GC 357A, 57GC 354B | ENDT(B)675, EM6-250(L) EM6-275(R)(L), EM6-285(R), EM6-300(R), EM6-310, E(E)6-315(R), E6-320, & E6-350(R) All 2V Head | 240GC 552B, 240GC 41334B 240GC 542C → 240GC 5108M (215SB 226) |
| 215SB 212A, P2 & P12 & Use Units) | EC6-235, EM6-237(R), EMC6-250(L), EMC6-285(R), (215SB 225) EC6-330 All 2V Head | 240GC 545D → 240GC5109M |
| 215SB 213A, P2, P4, P6 & P12 (Use Units) Optional with 57GC 368B, 57GC373A | EM6-250(L), E(M)6-275(L), E(M)(C)6-300-(R)(L), & E(C)6-350 All 4V Head | 240GC 556A, 240GC 577, 240GC 579 → 240GC 5110M (215SB 228) |

√ Kits are not available. Must order as units.

EIGHT CYLINDER ENGINES

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|---|---|-------------------------------|
| 57GC 364A | ENDT(B)865, ENDT(B)866 (14.95:1 C.R.) | 240GC 41328B (240GC 1549B) |
| 57GC 365A | ENDT(B)865 (15.7:1 C.R.) | 240GC 41348C (240GC 1552C) |
| 57GC 362D | EM(C)9-400(R), E9-440 | 240GC 540 (240GC 1574) |
| (Can sub 57GC 375B only in complete sets of 8 kits for each engine) | | |
| 57GC 375C | E(M)(C)9-400(R), E9-440, E9-450, E9-500, EE9-502 | 240GC 570 (57GC 191) |

ENGINE

CYLINDER REBUILD KITS (continued)

E-7

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|--------------------------|--|-------------------------------|
| 215SB 217A, 57GC 3105 | E7 2-pc Piston with Sleeve 509GC 450 or 509GC 459 → 509GC 463 See Service Bulletin 32B001 | 240GC 2246AM (215SB 232) |
| 215SB 218B | E7 2-pc Piston with Sleeve 509GC 466 → 509GC 463 (diesel engine only) | 240GC 2248(AM) (215SB 230) |
| 215SB 236 | E7 2-pc Piston with Sleeve 509GC 466 → 509GC 463 (diesel engine only) | 240GC 2249M (57GC 2152) |
| 215SB 219B | E7 2-pc Piston with Sleeve 509GC 466 → 509GC 463 (diesel engine only) | 240GC 2250AM (215SB 231) |
| 57GC 398C | E7 2-pc Piston with Sleeve 509GC 466 → 509GC 463 (diesel engine only) | 240GC 2250CM (215SB 231A) |
| 215SB 216, 57GC 3104 | E7 1-pc Piston with Sleeve 509GC 450 or 509GC 465 → 509GC 463 See Service Bulletin 32B001 | 240GC 585 (57GC 2133) |
| 57GC 3118 | E7 2-pc Piston with Sleeve 509GC 463 (Replaces 1-pc Piston) | 240GC 2257M (57GC 2189) |
| 57GC 3119 | E7 2-pc Piston with Sleeve 509GC 463 | 240GC 2258M (57GC 2196) |
| 57GC 3121 | E7 2-pc Piston with Sleeve 509GC 463 EPA 2002* | 240GC 2259M (57GC 2204) |
| 57GC 3124 | E7 2-pc Piston with Sleeve 509GC 475 Aset-AC | 240GC 2259M (57GC 2204) |
| 57GC 3125 | E7 2-pc Piston with Sleeve 509GC 463 EPA 2002* | 240GC 2261M (57GC 2215) |
| 57GC 3127 | E7 2-pc Piston with Sleeve 509GC 475 EPA 2002* | 240GC 2258M (57GC 2196) |

* EPA year does not mean model year. Please check VRI for correct piston number.

ENGINE**CYLINDER REBUILD KITS** (continued)**ASET AI**

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|-----------------|--|----------------------------|
| 57GC 3128 | E7 2-pc Piston with Sleeve 509GC 463 Aset-AI | 240GC 2263M (57GC 2217) |

E-7G

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|-----------------|--|----------------------------|
| 57GC 3114 | E7 Natural Gas Engine with Sleeve 509GC 463 | 240GC 41427 (57GC 2171) |

E7-IEGR

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|-----------------|---|----------------------------|
| 57GC 3126 | E7 2-pc Piston with Sleeve 509GC 463 EPA 2002* & EPA 2004 | 240GC 2262M (57GC 2216) |

EURO 3

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|-----------------|--|----------------------------|
| 57GC 3122 | E7 2-pc Piston with Sleeve 509GC 463 EPA 2002* | 240GC 2259M (57GC 2204) |

MP

| PART NO. | APPLICATION | PISTON (KIT NO.) |
|-----------------|---|-------------------------|
| 85109661 | MD11 | 20795896 |
| 20928630 | Cylinder Liner Kit – MP8 | |
| 21209650 | Euro 3 - Export | |
| 85112641 | Cylinder Head Replacement Kit Eng-VE11/MP7 EM-USA04 | |
| 85112526 | US07 to US04 Cylinder Head Adapter Kit. Parts needed to use US07 head on US04 engine. | |
| 85112105 | ENG-VE11 EM-USA04 consists of EM-USA07 cylinder head and pipe to convert for EM-USA04 | |

* EPA year does not mean model year. Please check VRI for correct piston number.

ENGINE

ENGINE OVERHAUL KITS

| PART NO. | APPLICATION |
|---------------|---|
| 215SB 196B | E6 – 2VH Engine – Piston 240GC 542C w/Std Size Sleeve |
| 215SB 196BP2 | E6 – 2VH Engine – Piston 240GC 542C w/.002 Oversize Sleeve |
| 215SB 196BP6 | E6 – 2VH Engine – Piston 240GC 542C w/.006 Oversize Sleeve |
| 215SB 196BP12 | E6 – 2VH Engine – Piston 240GC 542C w/.012 Oversize Sleeve |
| 215SB 197B | E6 – 4VH Engine – Piston 240GC 579 w/Std Size Sleeve |
| 215SB 197BP2 | E6 – 4VH Engine – Piston 240GC 579 w/.002 Oversize Sleeve |
| 215SB 197BP12 | E6 – 4VH Engine – Piston 240GC 579 w/.012 Oversize Sleeve |
| 215SB 198C | E7 – Prior 1991 EPA* Piston 240GC 585 (16.5:1 Compr Piston) |
| 215SB 199 | E7 – Prior 1991 EPA* Piston 240GC 590 & 591 (16.9:1 Compr. Piston) |
| 215SB 200D | E7 – 1991/1992 EPA* 50 States & Canada (240GC 590 & 240GC 591 (16.9:1 Compr. Piston) and 240GC 2246AM |
| 215SB 204 | E9 – (240GC 570) Engine Serial #5G (March 1985 and earlier) use orange sleeve seal; for Serial #5H (April 1985 and later) use white sleeve seal |
| √ 215SB 208 | E7 – 1994 EPA* 50 State (240GC 2250 – CR 16.5:1) |
| 215SB 208B | E7 240GC 2250CM |
| 215SB 304 | E7 E-Tech 240GC 2250CM |
| 215SB 362 | E7 240GC 2248 |
| 21007019 | US07 MD13 13L |

MUZZLE LOADERS®

| PART NO. | APPLICATION |
|-------------|--|
| 215SB 238LX | E7 PLN 1991/92/93/94 Models with 240GC 591 original pistons. New kit reference # 57GC 2143, 215SB 232 or 215SB 217D. |
| 215SB 239LX | E7 PLN 1994/95 Models with 240GC 596 original pistons. New kit reference # 57GC 2151A, 215SB 230 or 215SB 218D. |
| 215SB 240LX | E7 PLN 1995/96 Models with 240GC 597 original pistons. New kit reference # 57GC 2152 or 215SB 236B. |
| 215SB 242LX | E7 PLN 1994/95/96 and E-Tech 1998/99/00/01 Models with 240GC 598 or 240GC 5122M original pistons. New kit reference # 57GC 2153A, 215AB 231 or 215SB 219E. <i>Supersedes 215SB 241MX Muzzle Loader®</i> |
| 215SB 243LX | E7 E-Tech 2002 CCRS Models with 240GC 5124M original pistons. New kit reference # 57GC 2196, 57GC 3119, 57GC 3127 |
| 215SB 244LX | E7 ASET™ AC (CEGR) models with 240GC 2259M (240GC 5125M crown) original pistons. New kit reference # 57GC 2204, 57GC 3121, or 57GC 3124 |
| 215SB 245LX | E7 ASET™ AI (IEGR) models with 240GC 2261M (240GC 5126M crown) original pistons. New kit reference # 57GC 2215 or 57GC 3125. |
| 215SB 246LX | E7 ASET™ AI (IEGR) models with 240GC 2262M (240GC 5127M crown) original pistons. New kit reference # 57GC 2216 or 57GC 3126. |
| 215SB 247LX | E7 ASET™ AI (IEGR) models with 240GC 2263M (240GC 5128M crown) original pistons. New kit reference # 57GC 2217 or 57GC 3128. |

√ Kits are not available. Must order units.

* EPA year does not mean model year. Please check VRI for correct piston number.

ENGINE

MUZZLE LOADER® OVERHAUL KITS

| PART NO. | APPLICATION |
|-----------------|---|
| 215SB 275KX | E7 PLN prior to 1991 Models with 240GC 585 original one piece aluminum piston or engines previously serviced with 240GC 5123M two piece pistons. New kit reference # 215SB 198F. |
| 215SB 276KX | E7 PLN 1991/92/93/94 Models with 240GC 591 original pistons. New kit reference # 215 SB 200F. |
| 215SB 277KX | E7 PLN 1994/95 Models with 240GC 596 original pistons. New kit reference # not available new. |
| 215SB 278KX | E7 PLN 1995/96 Models with 240GC 597 original pistons. New kit reference # not available new. |
| 215SB 279KX | E7 PLN 1994/95/96 Models with 240GC 598 or 240GC 5122M original pistons. New kit reference # 215SB 208B. |
| 215SB 280KX | E7 E-Tech 1998/99/00/01 Models with 240GC 5122M original pistons. New kit reference # 215SB 304. |
| 215SB 281KX | E7 – E-Tech 2002 CCRS Models with 240GC 5124M original pistons. New kit reference # not available new. |
| 215SB 282KX | E7 ASET™ AC (CEGR) models with 240GC 2259M (240GC 5125M crown) original pistons. (215SB 244LX Muzzle Loader) New kit reference # Not available new. |
| 215SB 283KX | E7 ASET™ AI (IEGR) models with 240GC 2261M (240GC 5126M crown) original pistons. (215SB245LX Muzzle Loader) New kit reference # Not available new. |
| 215SB 284KX | E7 ASET™ AI (IEGR) models with 240GC 2262M (240GC 5127M crown) original pistons. (215SB 246LX Muzzle Loader) New kit reference # Not available new. |
| 215SB 285KX | E7 ASET™ AI (IEGR) models with 240GC 2263M (240GC 5128M crown) original pistons. (215SB 247LX Muzzle Loader) New kit reference # Not available new. |

MUZZLE LOADER® OVERHAUL KITS

Muzzle Loader® Features:

All Remack® Remanufactured Muzzle Loaders® come ready to install into cylinder bores. Assembled units come complete with reman connecting rods, piston crowns, snap rings and wrist pins. New components included are piston rings, piston skirt and cylinder liner. Muzzle Loaders® are completely disassembled and cleaned. The connecting rods are magnaglow inspected to detect even the smallest of cracks. Precision machining centers remove any bend or twist and ensure proper surface finish. Crank bores are brought back to original size and specification. New wrist pin bushings are installed into the rod and machined to size. The pistons are cleaned and visually inspected. Acceptable pistons are dimensionally gauged to ensure proper size and specification. If all criteria is met, new bushings are installed (if applicable). The Muzzle Loaders® are assembled by trained technicians and packaged for shipment.

See Bulletin M50-19.

* EPA year does not mean model year. Please check VRI for correct piston number.

All Remack Remanufactured Muzzle Loader® Overhaul Kits come with six Remack® Remanufactured Muzzle Loaders® ready for installation into cylinder bores. Also included in each kit are the following:

2 – Cylinder Head Gasket Sets
1 – Upper Engine Gasket Set

1 – Lower Engine Gasket Set
Rod and Main Bearing Sets

ENGINE

EXHAUST MANIFOLD KITS – E6 AND E7

| PART NO. | APPLICATION |
|-----------------|--|
| √ 57GC 2156P3 | E7 – Exhaust Manifold Kit (Service 1992 1/2 to Present) |
| √ 57GC 2158 | All E6 – Exhaust Manifold Kit (Service) |
| √ 57GC 2159 | E6 – MH, RW, MC, MR – Exhaust Manifold Kit (Service) |
| √ 57GC 2160 | E6 – Except MH, RW, MC, MR – Exhaust Manifold Kit (Service) |
| √ 57GC 2161 | E6 – Exhaust Manifold Kit (Service) (To be used whenever existing injection line brackets are fastened to exhaust manifold.) |
| √ 57GC 2162 | E7 – Exhaust Manifold Kit (Service) (To be used whenever existing injection line brackets are fastened to exhaust manifold, 1988 thru 1992 1/2) |

STUD, EXHAUST MANIFOLD KITS

| PART NO. | APPLICATION |
|-----------------|--|
| 215SB 312 | E6 – 7/16 – 14UNCX2.375 studs (616GC 248) |
| 215SB 313 | E6 – .72 x 7/16-14UNC each end x 3.95 studs (616GC 28AP1) |
| 215SB 314 | E6 – .72 x 7/16-14UNC each end x 1.94 (616GC 28AP2) |
| 215SB 315 | E6 – .72 x 7/16-14UNC x 1.00 x 7/16 – 14UNC x 4.50 studs and – .72 x 7/16-14UNC each end x 1.94 studs (616GC 28AP2 & 616GC 28AP3) |
| 215SB 308 | E7 – M12 x 1.75 x 113 studs & 103 studs (616GC 245M & 616GC 245M2) |
| 215SB 309 | E7 – M12 x 1.75 x 103 studs (616GC 245M2) |
| 215SB 310 | E7 – M12 x 1.75 x 60 studs (616GC 245M4) |
| 215SB 363 | E7 – M12 X 1.75 X 60 (616GC 279AM) |

OIL COOLER GASKET KIT

| PART NO. | APPLICATION |
|-----------------|--------------------|
| 215SB 302 | E7 – E-TECH |

REAR ENGINE INSULATORS

| PART NO. | APPLICATION |
|-----------------|---------------------------|
| 204SX 389 | Kit w/Fuller Transmission |

OIL COOLER & WATER PUMP INLET TUBE REPLACEMENT KITS

| PART NO. | APPLICATION |
|-----------------|-----------------------------|
| 57GC 2194 | E7 – EUP CH Model |
| 57GC 2195 | E7 – EUP CX, CL & RD Models |

√ Kits are not available. Must order units.

ENGINE

CAMSHAFT KITS

See Service Bulletin SB213-035.

Mack Engines

85109795

MP7 US04 Engine (Camshaft and Bearing Shell Kits)

BEARING SHELL KIT – CAMSHAFT

85103719

MP7 US04 and US07 Engine (for rearmost brg position)

85103723

MP7 US04 and US07 Engine (for brg positions 1-6)

20999613

MP8 (for rearmost brg position)

20999623

MP8 (for brg positions 1-6)

THRUST WASHER SERVICE ASSEMBLY, CENTER MAIN BEARING

Pin with .375" Diameter Head

Application – All Mack E6 Engines

57GC 279

Standard Size – .091/.090" Thick

57GC 279P2

.002 Oversize – .093/.092" Thick

57GC 279P12

.012 Oversize – .103/.102" Thick

57GC 2111

Standard Size – .091/.090" Thick – Heavy Duty

57GC 2111P2

.002 Oversize – .093/.092" Thick – Heavy Duty

57GC 2111P12

.012 Oversize – .103/.102" Thick – Heavy Duty

Application – All Mack E9 Engines

57GC 2144

Standard Size – .143/.141" Thick – E7 & E9

57GC 2144P2

.002 Oversize – .145/.143" Thick – E7 & E9

57GC 2144P12

.012 Oversize – .155/.153" Thick – E7 & E9

With Tang – For .004-.013 Crankshaft End Play

Application – All Mack E6 Engines

57GC 2110

Standard Size – .143/.141" Thick

57GC 2110P2

.002 Oversize – .145/.143" Thick

57GC 2110P12

.012 Oversize – .155/.153" Thick

Application – All Mack E7 Engines and E-TECH Engines

57GC 2220

Standard Size – .1410"/.1385" Thick

57GC 2220P2

.002 Oversize – .1430"/.1405" Thick

57GC 2220P12

.012 Oversize – .1530"/.1505" Thick

Application – MP7

3093651

Standard Size

3093652

.1 Oversize

3093653

.2 Oversize

3093654

.3 Oversize

ENGINE

CAMSHAFT BUSHING KITS

| | |
|-----------|--|
| 57GC 266 | Camshaft Bushing Kit – E6 2VH Engines |
| 57GC 268 | Camshaft Bushing Kit – E6 4VH Engines (Up to Block 239GB 5480) |
| 57GC 2129 | Camshaft Bushing Kit – E7 |
| 57GC 2132 | Camshaft Bushing Kit – E6 (Block 239GB 5486 & up) |
| 57GC 2180 | Camshaft Bushing Kit – E7 EUP & Aset* |

* Aset Cam Bushing Kits – 57GC 2180 – are the same as E-Tech Cam Bushing Kits. However, the 54GC 29 key will not be used for the Aset Engines. This key can be discarded.

AUXILIARY SHAFT BUSHING KITS

| | |
|-----------|---|
| 57GC 267 | Auxiliary Shaft Bushing Kit – E6 (with Thrust Button) |
| 57GC 2128 | Auxiliary Shaft Bushing Kit – E6, E7 & E-Tech (without Thrust Button) |

CRANKSHAFT KITS

| | |
|---------------|--|
| 57GC 186B | Oilseal Kit (E6-E7-E9 w/Dry Clutch) |
| 57GC 187B | Oilseal Kit (6 Cylinder w/Dry Clutch & Slinger Crankshaft) |
| 57GC 371 | Rear Oil Seal (w/Wear Ring for 6 Cylinder w/Wet Clutch) |
| 57GC 393 | Crankshaft & Brg. Kit (Std. E9 & Renault V.I. E9 Engine) |
| 57GC 393P10 | Crankshaft & Brg. Kit (.010 Undersize E9 & Renault VI E9) |
| 57GC 2145 | Crankshaft & Brg. Kit (E7 V-MAC I & Mech.) |
| 456GC 1291E | Crankshaft & Brg. Kit [(ENDT(B)865(C), ENDT(B)866(C))] |
| 456GC 2125 | Crankshaft & Brg. Kit [END(T)673, ENF707C]] |
| 456GC 2139 | Crankshaft & Brg. Kit (E6-4VH) |
| 456GC 5140M10 | Undersize .010 (no bearings) |
| 456GC 5140M20 | Undersize .020 (no bearings) |

PISTON RING KIT

| | |
|-------------|-------------------------------|
| 353GC 2142 | E7 Engines, PLN, E-Tech, Aset |
| 353GC 2139 | E6 Engines |
| 353GC 2134 | E9 Engines |
| 353GC 2142 | Euro 3 Engine |
| 353GC 2140A | E-7 G Natural Gas Engine |
| 85109662 | MP Engine |

| | |
|----------|---------------------------------------|
| 21377589 | DRV Air Line, Service and Aftermarket |
|----------|---------------------------------------|

ENGINE

CYLINDER SLEEVE/LINER SHOULDER SHIMS

MACK E7 SERIES ENGINES INCLUDING E-TECH, ASET

| <u>Part Number</u> | <u>Description</u> | <u>Shim Thickness</u> |
|---------------------------|------------------------------|------------------------------|
| 505GC 26P 2 | Cylinder Liner Shoulder Shim | 0.002 in. |
| 505GC 26P 3 | Cylinder Liner Shoulder Shim | 0.003 in. |
| 505GC 26P 4 | Cylinder Liner Shoulder Shim | 0.004 in. |
| 505GC 26P 8 | Cylinder Liner Shoulder Shim | 0.008 in. |
| 505GC 26P10 | Cylinder Liner Shoulder Shim | 0.010 in. |
| 505GC 26P12 | Cylinder Liner Shoulder Shim | 0.012 in. |
| 505GC 26P14 | Cylinder Liner Shoulder Shim | 0.014 in. |
| 505GC 26P20 | Cylinder Liner Shoulder Shim | 0.020 in. |
| 505GC 26P30 | Cylinder Liner Shoulder Shim | 0.031 in. |
| 505GC 26P40 | Cylinder Liner Shoulder Shim | 0.042 in. |

MACK E6 SERIES ENGINES

| <u>Part Number</u> | <u>Description</u> | <u>Shim Thickness</u> |
|---------------------------|------------------------------|------------------------------|
| 505GC 16P 2 | Cylinder Liner Shoulder Shim | 0.002 in. |
| 505GC 16P 3 | Cylinder Liner Shoulder Shim | 0.003 in. |
| 505GC 16P 4 | Cylinder Liner Shoulder Shim | 0.004 in. |
| 505GC 16P 8 | Cylinder Liner Shoulder Shim | 0.008 in. |
| 505GC 16P10 | Cylinder Liner Shoulder Shim | 0.010 in. |
| 505GC 16P12 | Cylinder Liner Shoulder Shim | 0.012 in. |
| 505GC 16P14 | Cylinder Liner Shoulder Shim | 0.014 in. |

CYLINDER SLEEVE/LINER SHOULDER SHIMS (continued)

MACK E9 SERIES ENGINES

| <u>Part Number</u> | <u>Description</u> | <u>Shim Thickness</u> |
|---------------------------|------------------------------|------------------------------|
| 505GC 31P 2 | Cylinder Liner Shoulder Shim | 0.002 in. |
| 505GC 31P 3 | Cylinder Liner Shoulder Shim | 0.003 in. |
| 505GC 31P 4 | Cylinder Liner Shoulder Shim | 0.004 in. |
| 505GC 31P 8 | Cylinder Liner Shoulder Shim | 0.008 in. |
| 505GC 31P10 | Cylinder Liner Shoulder Shim | 0.010 in. |
| 505GC 31P12 | Cylinder Liner Shoulder Shim | 0.012 in. |
| 505GC 31P14 | Cylinder Liner Shoulder Shim | 0.014 in. |

MP SERIES ENGINES

| <u>Part Number</u> | <u>Description</u> | <u>Shim Thickness</u> |
|---------------------------|------------------------------|------------------------------|
| 20463853 | Cylinder Liner Shoulder Shim | 0.2 mm |
| 20463854 | Cylinder Liner Shoulder Shim | 0.3 mm. |
| 20463855 | Cylinder Liner Shoulder Shim | 0.5 mm |

VALVE ADJUSTMENT SHIM KIT

| <u>Part Number</u> | <u>Description</u> |
|---------------------------|--------------------------------|
| 85111158 | MP7, MP8 (Reference SB213-053) |

ENGINE SENSOR LOCATIONS

Reference SB273-014

SHORT BLOCK ASSEMBLY

Short Block Assembly includes:

Auxiliary Shaft and Gear, (Except on V8 Engines) Cylinder Block Service Assembly, Crankshaft with Bearings, Gear, Camshaft, Pistons with Rings, Connecting Rods with Bearings and Valve Lifters.

*Except on V8 Engines. All Six Cylinder Short Blocks now include Maxidyne Features and are machined to accept 5/8 Diameter Cylinder Head Studs or Capscrews. When servicing a Non-Maxidyne Engine, a Fire Ring Groove must be cut in the Cylinder Heads and two of the Maxidyne Fire Ring Gaskets 57GC 189 must be used. Refer to Service Bulletin F238 under Engine. Applicable Piston shown in brackets under the Block Part Number.

BACKGROUND HISTORY OF OIL PANS, ALSO LISTED AS LOWER CRANKCASE

Pre ESI (Extended Service Interval) had either a by-pass or a full-flow by-pass type lubricating oil filter system with a 19 quart oil pan.

The first ESI 16,000 mile engines had two spin-on full-flow filters with a 28 quart Shallow Oil Pan.

The ESI Plus 25,000 mile engines had three spin-on full-flow filters with a 51 quart Deep Oil Pan.

The Centi-Max Filter System, both ESI and ESI Plus, use two spin-on full-flow filters plus a centrifugal oil filter with a 28 quart Shallow Oil Pan. The only difference between these two is the oil change schedule.

BACKGROUND HISTORY OF TIMING GEAR COVERS

Mack six cylinder engines have had three different front support and timing gear cover combinations.

1. Trunnion type engine front support with a steel stamped timing gear cover. (In ES16, listed as TC1 through TC8 and TC11 for steel covers.)
2. Pedestal type engine front support with a steel stamped timing gear cover.
3. Pedestal type engine front support with an aluminum cast timing gear cover. (In ES16, listed as TC9 or TC10 for aluminum cast covers.)

Aluminum timing gear covers must use a pedestal type support in 1988 engines. Engines built in 1988 with a trunnion type engine front support such as in CR fire trucks, FR-1 coach (bus) and R models with HFB70 model steering gear will still have a steel stamped timing gear cover.

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY

Basic Assembly includes:

Short Block Assembly plus Cylinder Heads with Valves, Cylinder Head and Valve Lifter Covers, Oil Pan (Shallow is 28 quarts, Deep is 51 quarts), Oil Pump, Timing Gear Cover, Push Rods, Rocker Arm Shaft & Bracket Assemblies. Applicable Piston shown in Brackets under Engine Number.

LIST OF BASIC OR 3/4 ENGINE SERVICE ASSEMBLIES AND SHORT BLOCK ASSEMBLIES BY MODEL

Many Engine Models are available with two different Timing Gear Covers.

They are identified under the Engine Model as follows: (Steel TG Cov)= Steel Stamped Timing Gear Cover; (Alum TG Cov) = Aluminum Die Cast Timing Gear Cover

Key Letter in () after Model Denotes Piston Number.

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| ENGINE |
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A % after the Part Number indicated the Oil Pan has Extra Bosses for Tandem Air Compressor & Turbo-Unloader.

LIST OF PISTONS USED IN BASIC OR 3/4 ENGINE SERVICE ASSEMBLIES AND SHORT BLOCK ASSEMBLIES AS INDICATED BY KEY LETTER IN () AFTER THE ENGINE MODEL

| KEY LETTER | PISTON NUMBER | PARTS BOOK REFERENCE |
|-------------------|----------------------------|--|
| (A) | 240GC 41320CP1 | ESI6-PR54 |
| (B) | 240GC 545D or 240GC 564B | ESI6-PR50 |
| (C) | 240GC 552B or 240GC 542C | ESI6-PR51 & E6 Renault V.I.-1 (FR-1 Coach) |
| (D) | 240GC 547C or 240GC 565B | ESI6-PR52 |
| (E) | 240GC 556A or 240GC 579 | ESI6-PR47 |
| (F) | 240GC 577 | ESI6-PR57 |
| (G) | 240GC 41419 or 240GC 41422 | ESI6-PR22 |
| (H) | 240GC 41328BP1 | 865 PR1 |
| (J) | 240GC 41348C | 865 PR2 |
| (K) | 240GC 41349C | 865 PR3 |
| (L) | 240GC 570 | E9-PR2 & EE9-502 LIGNE 1 |
| (M) | 240GC 585 | E7-PR1 |
| (N) | 240GC 2246AM | 240GC 63 |
| (O) | 240GC 2250AM | 240GC 63P4 or 240GC 69 (EUP) |
| (P) | 240GC 2249AM | 240GC 63P7 |
| (Q) | 240GC 2248AM | 240GC 63P5 |

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY

| ENGINE MODEL | MODEL & YEAR APPLICATION | SHORT BLOCK ASSEMBLY | 3/4 SERVICE ASSEMBLIES ARE NO LONGER AVAILABLE |
|---------------------|-------------------------------------|-----------------------------|--|
| ENDT 865 | (H) Pre 1973 Only | 239GB 1815 | NOTE: Any engine model from the 864, 865 or 866 family not listed indicates short blocks and 3/4 service assemblies are no longer available. |
| ENDT 865 | (J) 1973 & After | 239GB 1811 | |
| ENDTB 865 | (H) Pre 1973 Only | 239GB 1815 | |
| ENDTB 865 | (J) 1973 & After | 239GB 1811 | |
| ENDDT 865 | (H) Pre 1973 Only | 239GB 1815 | |
| ENDDTB 865 | (H) Pre 1973 Only | 239GB 1815 | |
| ENDT 866 | (H) Pre 1973 Only | 239GB 1815 | |
| ENDT 866 | (K) 1973 & After | 239GB 1812 | |
| ENDTB 866 | (H) Pre 1973 Only | 239GB 1815 | |
| ENDTB 866 | (K) Pre 1973 Only | 239GB 1812 | |

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|--------------------------------------|------------|----------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------|
| E6-200 | (B) | 11GB58288B | | 11GB58289B | | 239GB1891B* |
| EE6-200 | | NOT LISTED | | | | |
| EM6-225 (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-225L (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EM6-225L(4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EC6-235 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EC6-235 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EM6-237 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EM6-237 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EM6-237R (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EM6-237R (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EME6-237 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-250 | (D) | 11GB58294B | | 11GB58295B | | 239GB1887B* |
| EC6-250 | | NOT LISTED | | | | |
| EM6-250 (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-250 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EM6-250 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-250L (2VH) | | Not Listed | | | | |
| EM6-250L (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EM6-250L (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-250L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EM6-250R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EMC6-250 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EMC6-250 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EMC6-250L (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|---------------------------------------|------------|----------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------|
| EMC6-250L (2VH) (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EMC6-250L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EME6-250 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EME6-250L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EME6-250R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-260 (Steel TG Cov) | (D) | 11GB58294B | | 11GB58295B | | 239GB1887B* |
| E6-260 (Alum TG Cov) | (D) | 11GB58373B | | 11GB58374B | | 239GB1887B* |
| EE6-260 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EC6-265 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EC6-265 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| E6-270 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| E6-270 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| E6-275 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | 11GB58299B | | 239GB1885B |
| E6-275 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| E6-275 (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | | 11GB58390B | 239GB1894B* |
| EC6-275 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EC6-275 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EM6-275 (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EC6-275 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1889B* |
| EC6-275 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-275L (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-275L (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B* |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|--------------------------------------|------------|----------------------------------|-------------------------------|-------------------------------------|----------------------------|----------------------|
| EM6-275L (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-275L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EM6-275R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-285 (Steel TG Cov) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-285 (Alum TG Cov) | (C) | 11GB58371B | | 11GB58372B | | 239GB1888B* |
| EM6-285R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EMC6-285 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EMC6-285 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EMC6-285R (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EMC6-285R (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| EME6-285 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EME6-285R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-300 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| E6-300 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| E6-300 (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EC6-300 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EC6-300 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-300 (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-300 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EM6-300 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-300 (FR-1 Coach) | (C) | | | 11GB55691B (MANUAL TRANSMISSION) | | 239GB1872B* |
| EM6-300L (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|---------------------------------------|------------|--|-------------------------------|-------------------------------------|----------------------------|----------------------|
| EMC6-300L (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EM6-300L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EM6-300R (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EM6-300R (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EM6-300R (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EMC6-300 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EMC6-300L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EMC6-300R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EME6-300 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EME6-300L (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EME6-300R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EMN6-300L | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EME6-310 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-315 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-315R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EE6-315 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-320 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-325 | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-325R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EC6-330 (Steel TG Cov) | (B) | 11GB58286B | | 11GB58287B | | 239GB1889B* |
| EC6-330 (Alum TG Cov) | (B) | 11GB58369B | | 11GB58370B | | 239GB1889B* |
| E6-335 (FR-1 Coach) | (C) | 11GB55690B (AUTOMATIC TRANSMISSION) | | 11GB55691B (MANUAL TRANSMISSION) | | 239GB1872B* |
| EE6-335 (FR-1 Coach) | (C) | 11GB55690B (AUTOMATIC TRANSMISSION) | | | | 239GB1872B* |

*No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|-------------------------------------|------------|--|-------------------------------|-------------------------------|----------------------------|----------------------|
| EE6-335B (FR-1 Coach) | (C) | 11GB55690B (AUTOMATIC TRANSMISSION) | | | | 239GB1872B* |
| E6-350 (2VH) (Steel TG Cov) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| E6-350 (2VH) (Alum TG Cov) | (C) | 11GB58371B | | 11GB58372B | | 239GB1888B* |
| E6-350 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| E6-350 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| E6-350 (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| E6-350R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EC6-350 (2VH) | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EC6-350 (4VH) (Steel TG Cov) | (E) | | 11GB58298B | | 11GB58299B | 239GB1885B |
| EC6-350 (4VH) (Alum TG Cov) | (E) | 11GB58375B | | 11GB58376B | | 239GB1885B |
| EC6-350 (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EC6-350R | (C) | 11GB58292B | 11GB58300B 11GB58203B | 11GB58293B | 11GB58301B | 239GB1888B* |
| EE6-350 | | Not Listed | | | | |
| EE6-350 (4VH) 1988 (Alum TG Cov) | (F) | 11GB58389B | | 11GB58390B | | 239GB1894B* |
| EE6-350R | | Not Listed | | | | |
| END673 | (A) | 11GB58283B | | | | 239GB1890B* |
| END673A | (A) | 11GB58283B | | | | 239GB1890B* |
| END673B | (A) | 11GB58283B | | | | 239GB1890B* |
| END673C | (A) | 11GB58283B | | | | 239GB1890B* |
| END673D | (A) | 11GB58283B | | | | 239GB1890B* |
| END673E | (A) | 11GB58283B | | | | 239GB1890B* |
| END673P | (A) | 11GB58283B | | | | 239GB1890B* |
| ENDT673 | (A) | 11GB58283B | | | | 239GB1890B* |
| ENDTF673 | (A) | 11GB58283B | | | | 239GB1890B* |
| ENDT673A | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ENDTB673A | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ENDT673B | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|--------------|------------|--|-------------------------------|-------------------------------|----------------------------|----------------------|
| ENDTB673B | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ENDT673C | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ENDTB673C | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ENDTF673C | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ENDTFB673C | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ET673 | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETB673 | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ET673A | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETB673A | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ET673E | (C) | 11GB58290B | | | | 239GB1892B* |
| ETB673E | (C) | | | 11GB58291B | | 239GB1892B* |
| ETX673D | | Model Replaced by EC6-235 Without Dynatard Brake | | | | |
| ETXB673D | | Model Replaced by EC6-235 With Dynatard Brake | | | | |
| ETY673E | (B) | 11GB58288B | | | | 239GB1891B* |
| ETYB673E | (B) | | | 11GB58289B | | 239GB1891B* |
| ETZ673 | | Model Replaced by E6-260 Without Dynatard Brake | | | | |
| ETZB673 | | Model Replaced by E6-260 With Dynatard Brake | | | | |
| ETZ673C | | Model Replaced by E6-250 Without Dynatard Brake | | | | |
| ETZB673C | | Model Replaced by E6-250 With Dynatard Brake | | | | |
| ETZ673E | | Model Replaced by E6-200 Without Dynatard Brake | | | | |
| ETZB673E | | Model Replaced by E6-200 With Dynatard Brake | | | | |
| ETA673A | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAB673A | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETAY673A | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAYB673A | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETAZ673 | | Model Replaced by E6-320 Without Dynatard Brake | | | | |
| ETAZB673 | | Model Replaced by E6-320 With Dynatard Brake | | | | |
| ETAZ673A | | Model Replaced by E6-315 Without Dynatard Brake | | | | |
| ETAZB673A | | Model Replaced by E6-315 With Dynatard Brake | | | | |
| ETAZ673C | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAZB673C | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETSZ673A | | Model Replaced by E6-315 Without Dynatard Brake | | | | |
| ETSZB673A | | Model Replaced by E6-315 With Dynatard Brake | | | | |
| ETSZ673B | | Model Replaced by E6-315 Without Dynatard Brake | | | | |
| ETSZB673B | | Model Replaced by E6-315 With Dynatard Brake | | | | |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|-----------------------------|------------|---|-------------------------------|-------------------------------|----------------------------|----------------------|
| ENDT675 | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ENDTB675 | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ENDT675C (Steel TG Cov) | (B) | 11GB58286B | | | | 239GB1889B* |
| ENDT675C (Alum TG Cov) | (B) | 11GB58369B | | | | 239GB1889B* |
| ENDTB675C (Steel TG Cov) | (B) | | | 11GB58287B | | 239GB1889B* |
| ENDTB675C (Alum TG Cov) | (B) | | | 11GB58370B | | 239GB1889B* |
| ETY675 (Steel TG Cov) | (B) | 11GB58286B | | | | 239GB1889B* |
| ETY675 (Alum TG Cov) | (B) | 11GB58369B | | | | 239GB1889B* |
| ETYB675 (Steel TG Cov) | (B) | | | 11GB58287B | | 239GB1889B* |
| ETYB675 (Alum TG Cov) | (B) | | | 11GB58370B | | 239GB1889B* |
| ETZ675 | | Model Replaced by EM6-237 Without Dynatard Brake | | | | |
| ETZB675 | | Model Replaced by EM6-237 With Dynatard Brake | | | | |
| ETZ675B | | Model Replaced by EM6-237R Without Dynatard Brake | | | | |
| ETZB675B | | Model Replaced by EM6-237R With Dynatard Brake | | | | |
| ETSX675 | | Model Replaced by EMC6-250 Without Dynatard Brake | | | | |
| ETSXB675 | | Model Replaced by EMC6-250 With Dynatard Brake | | | | |
| ENDT676 | | Model Replaced by EM6-285 Without Dynatard Brake | | | | |
| ENDTB676 | | Model Replaced by EM6-285 With Dynatard Brake | | | | |
| ENDT676A | | Model Replaced by EM6-285R Without Dynatard Brake | | | | |
| ENDTB676A | | Model Replaced by EM6-285R With Dynatard Brake | | | | |
| ENDT676B | | Not Listed | | | | |
| ENDTB676B | | Not Listed | | | | |
| ETA676 | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAB676 | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETA676B | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAB676B | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETA676E | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAB676E | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETAY676B | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |

* No longer available.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD SHALLOW OIL PAN | WITHOUT DYNATARD DEEP OIL PAN | WITH DYNATARD SHALLOW OIL PAN | WITH DYNATARD DEEP OIL PAN | SHORT BLOCK ASSEMBLY |
|--------------|------------|---|-------------------------------|-------------------------------|----------------------------|----------------------|
| ETAYB676 | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETAY676D | (C) | 11GB58292B | 11GB58300B 11GB58203B | | | 239GB1888B* |
| ETAYB676D | (C) | | | 11GB58293B | 11GB58301B | 239GB1888B* |
| ETX676 | | Model Replaced by EMC6-285 Without Dynatard Brake | | | | |
| ETX676A | | Model Replaced by EMC6-285 With Dynatard Brake | | | | |
| ETX676B | | Model Replaced by EMC6-285R Without Dynatard Brake | | | | |
| ETX676C | | Model Replaced by EMC6-285R With Dynatard Brake | | | | |
| ETX676D | | Model Replaced by EM6-285 Without Dynatard Brake | | | | |
| ETX676E | | Model Replaced by EM6-285 With Dynatard Brake | | | | |
| ETX676F | | Model Replaced by EM6-285R Without Dynatard Brake | | | | |
| ETX676G | | Model Replaced by EM6-285R With Dynatard Brake | | | | |
| ETX676H | | Model Replaced by EC6-330 Without Dynatard Brake | | | | |
| ETX676I | | Model Replaced by EC6-330 With Dynatard Brake | | | | |
| ETX676J | | Model Replaced by E6-350 (2VH) Without Dynatard Brake | | | | |
| ETX676K | | Model Replaced by E6-350 (2VH) With Dynatard Brake | | | | |
| ETX676L | | Model Replaced by BY E6-350R Without Dynatard Brake | | | | |
| ETX676M | | Model Replaced by E6-350R With Dynatard Brake | | | | |
| END707 | (G) | 11GB58285B | | | | 239GB1884B* |
| END707A | (G) | 11GB58285B | | | | 239GB1884B* |
| END711 | (G) | 11GB58285B | | | | 239GB1884B* |
| END711A | (G) | 11GB58285B | | | | 239GB1884B* |
| END711B | (G) | 11GB58285B | | | | 239GB1884B* |
| END711C | (G) | 11GB58285B | | | | 239GB1884B* |
| END711D | (G) | 11GB58285B | | | | 239GB1884B* |

* No longer available.

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD BRAKE | WITH DYNATARD BRAKE | SHORT BLOCK ASSEMBLY | **OIL PAN/TGC |
|--|------------|------------------------|---------------------|----------------------|---------------|
| E7-250 Prior to 1991 EPA | (M) | 11GB59490 | 11GB59491 | 239GB1896 | |
| E7-250 exc V-MAC 1991 thru 1994 EPA | (N) | 11GB23915 | 11GB23916 | 239GB1900 | |
| E7-250 V-MAC 1994 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |

** All engines after 1995 have isolated oil pans.

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| ENGINE |
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BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD BRAKE | WITH DYNATARD BRAKE | SHORT BLOCK ASSEMBLY | *OIL PAN/TGC |
|---|-------------------|-------------------------------|----------------------------|-----------------------------|---------------------|
| E7-250 Mech 1995 EPA | (P) | 11GB28241 | N/A | 239GB1906 | Isolated |
| E7-250 Mech 1996 EPA | (P) | 11GB28999 | N/A | 239GB1910 | Isolated |
| E7-250 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| EM7-250 Prior to 1991 EPA | (M) | 11GB59490 | 11GB59491 | 239GB1896 | |
| EM7-250 exc V-MAC 1991 thru 1994 EPA | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| EM7-250 V-MAC 1994 EPA | (O) | 11GB26395 | N/A | 239GC1907 | Isolated |
| EM7-250 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| EM7-250 Mech 1996 EPA & 1995 | (P) | 11GB28999 | N/A | 239GC1910 | Isolated |
| EM7-275 exc V-MAC 1991 thru 1994 EPA | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| EM7-275 V-MAC 1994 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |
| EM7-275 Mech 1996 EPA & 1995 | (P) | 11GB28999 | N/A | 239GB1910 | Isolated |
| EM7-275 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| E7-300 EPA exc V-MAC 1991 thru 1994 | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| E7-300 V-MAC 1994 EPA & Mech 1995 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |
| E7-300 V-MAC & Mech 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| EM7-300 Prior to 1991 EPA | (M) | 11GB59490 | 11GB59491 | 239GB1896 | Conventional |
| EM7-300 exc V-MAC 1991 thru 1994 EPA | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| EM7-300 V-MAC 1994 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |
| EM7-300 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| EM7-300 Mech 1996 EPA & 1995 | (P) | 11GB28999 | N/A | 239GB1910 | Isolated |

* All engines after 1995 have isolated oil pans.

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD BRAKE | WITH DYNATARD BRAKE | SHORT BLOCK ASSEMBLY | *OIL PAN/TGC |
|--|------------|------------------------|---------------------|----------------------|--------------|
| EMN7-300 Venezuela (CKD) | (N) | 11GB23916 | 11GB23916 | 239GB1900 | Conventional |
| E7-310 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1909 | Isolated |
| E7-325 V-MAC 1994 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |
| E7-325 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| E7-330 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| E7-350 Prior to 1991 EPA | (M) | 11GB59490 | 11GB59491 | 239GB1896 | Conventional |
| E7-350 (50-state) exc V-MAC 1991 thru 1995 EPA | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| E7-350 V-MAC 1994 EPA & Mech (49-state) 1995 EPA | (O) | 11GB26395 | N/A | 239GB1907 | Isolated |
| E7-350 V-MAC & Mech 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| E7-350 Mech 1996 EPA | (P) | 11GB28241 | | | |
| EN7-350 Venezuela (CKD) | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| E7-355/380 V-MAC I or II | | 11GB28998 | | 239GB1909 | |
| E7-375 V-MAC 1994 EPA | (O) | 11GB26937 | N/A | 239GB1905 | Isolated |
| E7-355 V-MAC 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |

* All engines after 1995 have isolated oil pans

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | WITHOUT DYNATARD BRAKE | WITH DYNATARD BRAKE | SHORT BLOCK ASSEMBLY | *OIL PAN/TGC |
|---|------------|------------------------|---------------------|----------------------|--------------|
| E7-355/380 V-MAC I & II | | 11GB28998 | | 239GB1909 | |
| E7-375 V-MAC 1996 EPA | (Q) | 11GB28998 | N/A | 239GB1909 | Isolated |
| EN7-390 Germany | (M) | 11GB59490 | 11GB59491 | 239GB1896 | Conventional |
| E7-400 Prior to 1991 EPA | (M) | 11GB59490 | 11GB59491 | 239GB1896 | Conventional |
| E7-400 exc V-MAC 1991 thru 1993 & 94 Mach. | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| EE7-400 Israel | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| EN7-400 Venezuela (CKD) & New Zealand | (N) | 11GB23915 | 11GB23916 | 239GB1900 | Conventional |
| E7-400 V-MAC I & II 1994 EPA | (Q) | 11GB26937 | N/A | 239GB1905 | Isolated |
| E7-400 V-MAC I & II 1996 EPA | (Q) | 11GB28998 | N/A | 239GB1909 | Isolated |
| E7-427 V-MAC I & II 1994 EPA | (Q) | 11GB26937 | N/A | 239GB1905 | Isolated |
| E7-454 V-MAC I & II 1994 EPA | (Q) | 11GB26937 | N/A | 239GB1905 | Isolated |
| E7-454 V-MAC I & II 1996 EPA | (Q) | 11GB28998 | N/A | 129GB1909 | Isolated |
| E7-310 V-MAC I & II 1996 EPA | (O) | 11GB28997 | N/A | 239GB1911 | Isolated |
| E7-427 V-MAC I & II 1996 EPA | (Q) | 11GB28998 | N/A | 239GB1909 | Isolated |
| E7 T8 OIL Test Engine | | N/A | N/A | 239GB1912 | N/A |
| E7 T9 OIL Test Engine | | N/A | N/A | 239GB1913 | N/A |
| E7 G | | 11GB41472 | N/A | 239GB1918 | Isolated |

* All engines after 1995 have isolated oil pans

ENGINE

All basic engine assemblies are configured with a rear sump oil pump inlet tube and pan. If a front sump configuration is required, reverse the oil pump inlet tube and reuse the oil pan from the existing engine, if possible.

ENGINE

SHORT BLOCK AND BASIC ENGINE APPLICATIONS FOR E7-E-TECH™ & ASET™ FAMILY ENGINES

2.0 APPLICATION INSTRUCTIONS:

| ENGINE | REMARKS | SHORT BLOCK (239GB) | BASIC ENGINE * ASSEMBLY (11GB) |
|---|---|---------------------|--------------------------------|
| E-TECH Pre-E-TECH CCRS EM7-275 @ 1750 E7-300 @ 1800 E7-300 @ 1950 E7-300 @ 1700 EM7-300 @ 1750 E7-310/330 E7-330/350 E7-355/380 E7-350 @ 1800 E7-400 @ 1800 E7-427 E7-454 E7-460 | With 454GC5227C Camshaft & Straight Camshaft Key Effective 10/96 with Engine Serial Number Series 6S | 1915X | |
| E-TECH Pre-E-TECH CCRS E7-427 E7-460 | With 454GC5227C Camshaft & Offset Right Cam Timing Retarded Effective 6/97 with Engine Serial Numbers E7-427 – 7M1305 E7-460 – 7M3166 | 1916X | |
| E-TECH Pre-E-TECH CCRS EM7-275 & 1750 E7-300 @ 1800 E7-300 @ 1950 E7-300 @ 1700 | With 454GC5227C Camshaft & Offset Left Cam Timing Advanced Effective 1/98 with Engine Serial Number Series 8A | 1914X | |
| E-TECH Pre-E-TECH CCRS EM7-300 @ 1750 E7-310/330 | With 454GC5227C Camshaft & Offset Left Cam Timing Advanced Effective 12/8/99 with Engine Serial Number 9Y0870 | 1914X | |
| E-TECH CCRS-Engines Non-Brake or w/ Jake Brake | With 454GC5236A Camshaft Use the Engine Brake Components from the Original engine | 1919X | |

X REMAN

*** Refer to Reman Brochure for reman basic engine. New engine - no longer available.**

ENGINE

SHORT BLOCK AND BASIC ENGINE APPLICATIONS FOR E7-E-TECH & ASET FAMILY ENGINES

2.0 APPLICATION INSTRUCTIONS:

| ENGINE | REMARKS | SHORT BLOCK (239GB) | BASIC ENGINE * ASSEMBLY (11GB) |
|--|--|----------------------------|---------------------------------------|
| E-TECH CCRS Non-Brake Engines w/ PowerLeash™ Cam | With 454GC5234A Camshaft | 1928X | |
| E-TECH CCRS PowerLeash Engines | With 454GC5234A Camshaft | 1928X | |
| AI (ASET-IEGR) Non-Brake or w/ Jake Brake | With 240GC5126M or 240GB5127M Piston Crown & 454GC5242A Camshaft Use the Engine Brake Components from the Original Engine | 1920X | |
| AI (ASET-IEGR) Non-Brake or w/ Jake Brake | With 240GC5128M Piston Crown & 454GC5242A Camshaft Use the Engine Brake Components from the Original Engine | 1921X | |
| AI (ASET-IEGR) Non-Brake Engines w/ PowerLeash Cam | With 240GC5126M or 240GB5127M Piston Crown & 454GC5238 Camshaft Use the Engine Brake Components from the Original Engine | 1922X | |
| AI (ASET-IEGR) Non-Brake Engines w/ PowerLeash Cam | With 240GC5128M Piston Crown & 454GC5238 Camshaft. Use the Engine Brake Components from the Original Engine | 1923X | |
| AI (ASET-IEGR) PowerLeash Engines | With 240GC5126M or 240GB5127M Piston Crown & 454GC5238 Camshaft | 1922X | |
| AI (ASET-IEGR) PowerLeash Engines | With 240GC5128M Piston Crown & 454GC5238 Camshaft | 1923X | |
| AC (ASET-CEGR) Non-Brake or w/ Jake Brake | With 454GC5236A Camshaft Use the Engine Brake Components from the Original Engine | 1924X | |
| AC (ASET-CEGR) Non-Brake or w/ Jake Brake | With 454GC5243 Camshaft Use the Engine Brake Components from the Original Engine | 1925X | |
| AC (ASET-CEGR) PowerLeash Engines | With 454GC5244 Camshaft | 1927X | |

X REMAN

*** Refer to Reman Brochure for reman basic engine. New engine - no longer available.**

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| SHORT BLOCK AND BASIC ENGINE APPLICATIONS FOR E7-E-TECH & ASET FAMILY ENGINES 2.0 APPLICATION INSTRUCTIONS: |
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| ENGINE | REMARKS | SHORT BLOCK (239GB) | BASIC ENGINE * ASSEMBLY (11GB) |
|--|---|---------------------|--------------------------------|
| AC (ASET-CEGR) Non-Brake Engines w/ PowerLeash Cam | With 454GC5244 Camshaft | 1927X | |
| AC (ASET-CEGR) Non-Brake Engines w/ PowerLeash Cam | With 454GC5247 Camshaft | 1929X | |
| AC (ASET-CEGR) PowerLeash Engines | With 454GC5247 Camshaft | 1929X | |
| AC (ASET-CEGR) Jake Brake Engines | With 454GC5246 Camshaft Use the Engine Brake Components from the Original Engine | 1930X | |

X REMAN

** Refer to Reman Brochure for reman basic engine. New engine - no longer available.*

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| ENGINE |
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BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | KEY LETTER | DYNATARD BRAKE | WITHOUT DYNATARD BRAKE | WITH SHORT BLOCK ASSEMBLY |
|---------------------|-------------------|----------------------------|-------------------------------|---|
| E9 Series | (L) | 11GB24222 (w/Rear Sump) | 11GB24220 | 239GB 1903 (w/Camshaft 454GC5106A) (w/Rear Sump) |
| E9 Series | (L) | 11GB24221 | 11GB24223 | 239GB 1903 (w/Camshaft 454GC5106A) (w/Front Sump) |
| E9-400 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC561) 239GB 1898 (w/Camshaft 454GC5106) |
| EC9-400 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC561) 239GB 1898 (w/Camshaft 454GC5106) |
| EM9-400 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EM9-400R | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EMC9-400 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EMC9-400R | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EME9-400 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EME9-400R | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| E9-440 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EC9-440 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EE9-440 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| E9-450 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EE9-450 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EE9-490 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| E9-500 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EE9-500 | (L) | 11GB52290B | 11GB52289B | 239GB 1855 (w/Camshaft 454GC 561) 239GB 1898 (w/Camshaft 454GC 5106) |
| EE9-502 | (L) | 11GB21358 | | 239GB1897 |
| EES9-502 | (L) | 11GB24038 | | 239GB1901 (w/Camshaft 454GC5119A) |
| EE9-530 | (L) | 11GB24039 | | 239GB1901 (w/Camshaft 454GC5119A) |

ENGINE

BASIC OR 3/4 ENGINE SERVICE ASSEMBLY (continued)

| ENGINE MODEL | WITHOUT DYNATARD BRAKE | WITH DYNATARD BRAKE | SHORT BLOCK ASSEMBLY |
|---------------------|--|----------------------------|-----------------------------|
| ETCX1000 | Model Replaced by EMC9-400R Without Dynatard Brake | | |
| ETCXB1000 | Model Replaced by EMC9-400R With Dynatard Brake | | |
| ETCZ1000 | Model Replaced by EM9-400R Without Dynatard Brake | | |
| ETCZB1000 | Model Replaced by EM9-400R With Dynatard Brake | | |
| ET1005 | Not Listed | ..... | Not Listed |
| ETB1005 | ..... | Not Listed | Not Listed |
| ET1005A | Not Listed | ..... | Not Listed |
| ETB1005A | ..... | Not Listed | Not Listed |
| ETCX1005A | Model Replaced by EMC9-400 Without Dynatard Brake | | |
| ETCXB1005A | Model Replaced by EMC9-400 With Dynatard Brake | | |
| ETCZ1005A | Model Replaced by EM9-400 Without Dynatard Brake | | |
| ETCZB1005A | Model Replaced by EM9-400 With Dynatard Brake | | |
| ETZ1005 | Not Listed | ..... | Not Listed |
| ETZB1005 | ..... | Not Listed | Not Listed |
| ETZ1005A | Not Listed | ..... | Not Listed |
| ETZB1005A | ..... | Not Listed | Not Listed |
| ETAZ1005 | Not Listed | ..... | Not Listed |
| ETAZB1005 | ..... | Not Listed | Not Listed |

MID-LINER VEHICLE DATA

| MODEL | WB (IN.) | CHASSIS WT. | GVW (LBS.) | CA (IN.) | BBC (IN.) | STANDARD ENGINE |
|--------------|-----------------|--------------------|-------------------|-----------------|------------------|------------------------|
| CS200P | 156-246 | 8,708 | 25,000-30,500 | 84-174 | 103 | E3-190 Diesel |
| CS250P | 156-246 | 8,708 | 26,500-35,000 | 84-174 | 103 | E3-190 Diesel |
| CS300P | 156-246 | 9,455 | 28,500-35,000 | 84-174 | 103 | E3-220 Diesel |
| CS300T | 156-219 | 9,390 | 60,000 (GCVW) | 64-147 | 103 | E3-220 Diesel |
| MS200P | 138-232 | 8,475 | 25,000-30,500 | 116-210 | 70 | E3-190 Diesel |
| MS250P | 138-232 | 8,629 | 28,500-35,000 | 116-210 | 70 | E3-190 Diesel |
| MS300P | 120-232 | 9,370 | 30,500-35,000 | 116-210 | 70 | E3-220 Diesel |
| MS300T | 120 | 9,610-9215 | 60,000 (GCVW) | 95 | 70 | E3-220 Diesel |

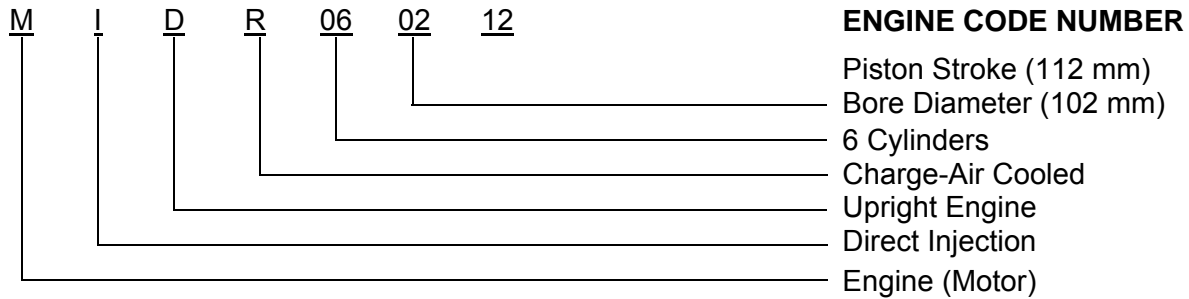
P = Platform

T = Tractor

ENGINE

MID-LINER VEHICLE DATA (continued)

MIDR 06.02.12 History



| TYPE | H.P./RPM | PRODUCTION DATE | ENG. SERIAL & CUT-IN |
|------|----------|--|--|
| "A" | 175/2800 | 1979 & 1980 | No. 100 |
| "B" | 175/2800 | 01/81 thru 07/95 (from 09/81 to 07/85 used with Allison transmission only) | No. 2752 |
| "C" | 175/2600 | 09/81 thru 12/87 (from 08/85 to 12/87 used with auto and manual transmission) | No. 4160 (approx.) or chassis serial 14010 |
| "E" | 164/2800 | 01/81 thru 07/85 (California certified) | |
| "F" | 165/2600 | 07/85 thru 12/87 (California certified) | No. 17815 |
| "L" | 180/2500 | 01/88 to present | No. 1000 |

NOTE: All types (except "L") ran continuous serial number from #100 to 27 ____ .

MID-LINER SHORT BLOCK – 06.02.12

4103-5000793666 MS 200/250
CS 200/250

MID-LINER 3/4 ENGINES – 06.02.12

* 4103-5000793857 MS 200/250 Up to production 12/87
4103-5600117524 MS 200/250 From production 1/88

Whenever a non-current engine is replaced, check for current dipstick. Use dipstick 4103-5000450173 with engine serial no. 23337 on. Engines prior, use dipstick 4103-5000134676 (for 14L oil pan).

4103-5000793665 CS 200/250 Up to 12/87 w/14 liter oil pan
* 4103-5000793858 CS 200/250 Up to 12/87 w/19 liter oil pan
4103-5600117525 CS 200/250 From production 1/88 on

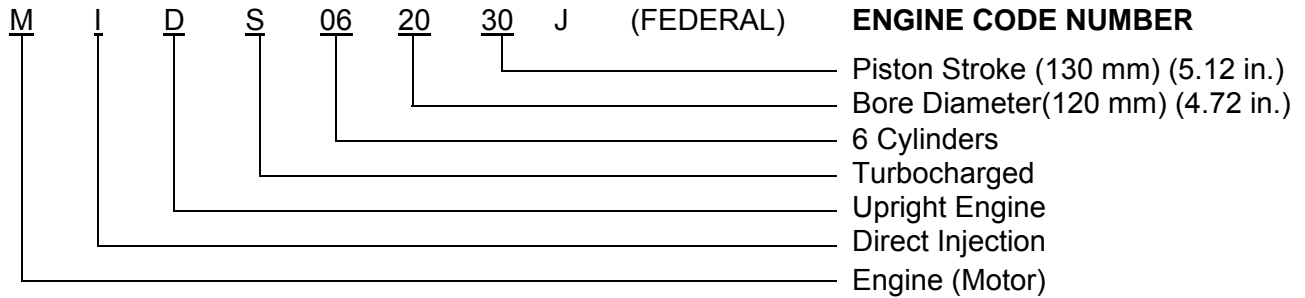
Whenever a non-current engine is replaced, check for current dipstick. Use dipstick 4103-5000667782 with 06.02.12C engine serial 24464 on or 06.02.12F engine serial 25213 on. Engines prior, use dipstick 4103-5000448876.

* No longer available.

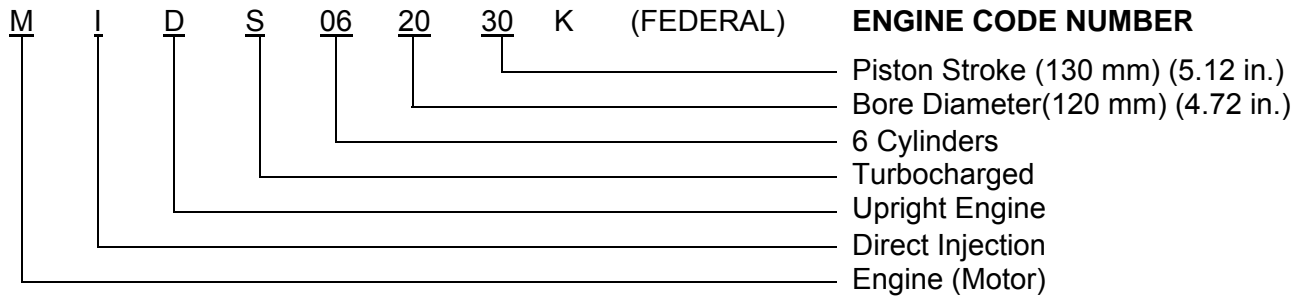
ENGINE

MID-LINER VEHICLE DATA (continued)

**MIDR 06.20.30 J & K SPECIFICATIONS
FOR MIDS 06.20.30J**



FOR MIDS 06.20.30K



**MACK® ADHESIVES/SEALANTS AND HIGH TEMPERATURE LUBRICANT
FOR USE ON THE MIDR 06.02.26 ENGINE**

| MACK PART NO. | MACK DESCRIPTION |
|----------------------|--|
| NLA | Gasket Maker Sealant |
| 5166-19962 | Stud N' Bearing Mount Adhesive/Sealant |
| 5166-59214 | Pipe Sealant |
| 5166-24200 | Lock N' Seal Adhesive/Sealant |
| 5166-80078 | Anti-Seize Lubricant |

| |
|---------------|
| ENGINE |
|---------------|

MID-LINER VEHICLE DATA (continued)

MID-LINER SHORT BLOCK – 06.02.26

| | | | |
|--------------------|------------|-----------------|---------------|
| 4103-5600117569(K) | CS 200/250 | Eng. Production | 12/90 |
| | MS 200/250 | Eng. Production | 8/90 on |
| 4103-5600117542 | CS 300 | Eng. Production | 8/90 to 12/90 |
| | MS 300 | Eng. Production | 8/90 to 12/90 |
| 4103-5600117600 | CS 200/250 | Eng. Production | 1/91 to 12/92 |
| | CS 300 | Eng. Production | 1/91 on |
| | MS 200/250 | Eng. Production | 1/91 to 12/92 |
| | MS 300 | Eng. Production | 1/91 on |
| 4103-5600117627 | CS 200/250 | Eng. Production | 1/93 to 8/94 |
| | CS 300 | Eng. Production | 1/93 on |
| | MS 200/250 | Eng. Production | 1/93 on |
| | MS 300 | Eng. Production | 1/93 on |
| 4103-5600117661 | MS 300 | Eng. Production | 9/94 on |

MID-LINER 3/4 ENGINES – 06.02.26

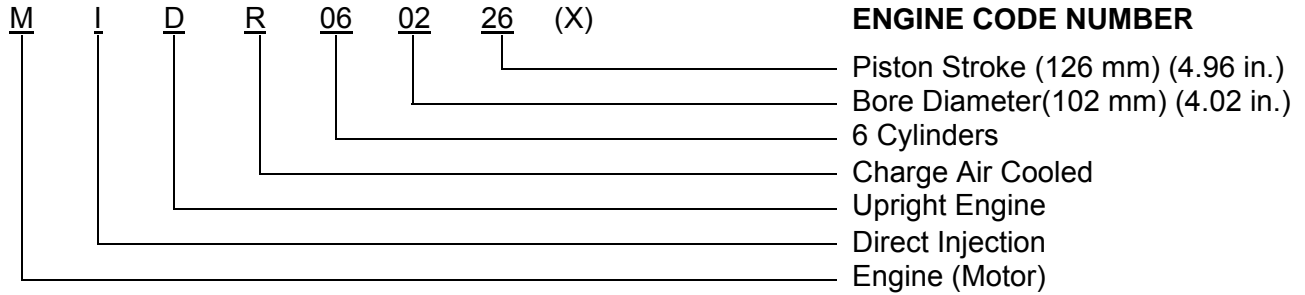
| | | | |
|---------------------|--------------|-----------------|---------------|
| 4103-5600117544 | CS 200/250 | Eng. Production | 8/90 |
| | * CS 200/250 | Eng. Production | 9/90 TO 12/90 |
| NLA | CS 300 | Eng. Production | 8/90 |
| | * CS 300 | Eng. Production | 9/90 TO 12/90 |
| NLA | CS 200/250 | Eng. Production | 1/91 to 12/92 |
| 4103-5600117604 | CS 300 | Eng. Production | 1/91 to 12/92 |
| 4103-5600117624(L2) | CS 200/250 | Eng. Production | 1/93 to 8/94 |
| NLA | CS 300 | Eng. Production | 1/93 to 8/94 |
| NLA | MS 200/250 | Eng. Production | 8/90 |
| | MS 200/250 | Eng. Production | 9/90 to 12/90 |
| NLA | MS 300 | Eng. Production | 8/90 |
| | * MS 300 | Eng. Production | 9/90 to 12/90 |
| NLA | MS 200/250 | Eng. Production | 1/91 to 12/92 |
| NLA | MS 300 | Eng. Production | 1/91 to 12/92 |
| NLA | MS 200/250 | Eng. Production | 1/93 to 8/94 |
| NLA | MS 300 | Eng. Production | 1/93 to 8/94 |
| 4103-5600117657(M5) | CS 204 | Eng. Production | 9/94 to 2/98 |
| 4103-5600117658(L5) | CS 204 | Eng. Production | 9/94 to 2/98 |
| 4103-5600117659(M5) | MS 203 | Eng. Production | 9/94 to 2/98 |
| 4103-5600117660(L5) | MS 203 | Eng. Production | 9/94 to 2/98 |
| 4103-5600117729(M7) | CS 204 | Eng. Production | 3/98 on |
| 4103-5600117734(L7) | CS 204 | Eng. Production | 3/98 on |
| 4103-5600117727(M7) | MS 203 | Eng. Production | 3/98 on |
| 4103-5600117731(L7) | MS 203 | Eng. Production | 3/98 on |

* You must reuse your old Flywheel Housing from the engine you are removing.

ENGINE

MID-LINER VEHICLE DATA (continued)

MIDR 06.02.26I, K, L SERIES, M SERIES SPECIFICATIONS



- | | | |
|----------------------|---|---|
| MIDR 06.02.26I | = | EC3-180 (180 HP, 50 states) |
| MIDR 06.02.26K | = | E3-210 (210 HP, 50 states) |
| MIDR 06.02.26L | = | E3-180 (180 HP, 50 states) |
| MIDR 06.02.26M | = | E3-210 (210 HP, 50 states) |
| * MIDR 06.02.26M/2 | = | E3-220 (220 HP, 50 states) |
| * MIDR 06.02.26L/2 | = | E3-190 (190 HP, 50 states) |
| * MIDR 06.02.26L/5 | = | E3-190 (190 HP, 50 states) |
| * MIDR 06.02.26M/5 | = | E3-220 (220 HP, 50 states) |
| * MIDR 06.02.26L/510 | = | E3-190 (190 HP, 49 states) w/o Catalytic Converter |
| * MIDR 06.02.26L/511 | = | E3-190 (190 HP, 50 states) with Catalytic Converter |
| * MIDR 06.02.26M/510 | = | E3-220 (220 HP, 49 states) w/o Catalytic Converter |
| * MIDR 06.02.26M/511 | = | E3-220 (220 HP, 50 states) with Catalytic Converter |
| * MIDR 06.02.26L/710 | = | E3-190 (190 HP, 49 states) w/o Catalytic Converter |
| * MIDR 06.02.26M/710 | = | E3-220 (220 HP, 49 states) w/o Catalytic Converter |

* Injection timing control

ENGINE

MID-LINER VEHICLE DATA (continued)

MID-LINER SHORT BLOCK – 06.02.30

| | | |
|------------------|-----------|--|
| *4103-5000793937 | MS 300 | Replaces 4103-5600100615 – Check conditional note |
| *4103-5600136500 | MS 300 | Up to engine production 6/85 – Check multi-note |
| NLA | | From engine 06.20.30B serial 1000-6619 and 06.20.30C serial 1000-1347 |
| *4103-5600117528 | CS/MS 300 | 06.20.30B from engine serial 6620 on 06.20.30C from engine serial 1348 on |

MID-LINER 3/4 ENGINES 06.20.30

| | | |
|-----|--------|--|
| NLA | CS 300 | These engines include the latest cylinder head design and replace earlier style part numbers |
|-----|--------|--|

* Be sure to check all multi or conditional notes and the 06.20.30 Rebuild Supplement Book in the Mid-Liner Service Manual before ordering your 3/4 or Short Block.

MID-LINER REMANUFACTURED BASIC ENGINES: MS 200/250/300

| PART NUMBER | APPLICATION |
|--------------------|---|
| 86SB 3550 | MS 200/250 with 14 liter oil pan arrangement EC3-165 (MIDR 06.02.12E, F), E3-175 (MIDR 06.02.12A, B, C) |
| 86SB 3551 | MS 200/250 with 19 liter oil pan arrangement EC3-165 (MIDR 06.02.12E, F), E3-175 (MIDR 06.02.12A, B, C) |
| 86SB 3554 | MS 200/250 with 19 liter oil pan EC3-180 (MIDR 06.02.12L) |
| 86SB 3556 | MS 300 E5-215 (MIDS 06.20.30J, K) (manual transmission) |
| 86SB 3557 | MS 300 E5-215 (MIDS 06.20.30J, K) (automatic transmission) |
| 86SB 3558 | MS 300 E5-215 (MIDR 06.20.30B up to serial no. 1510), for Model 3000/3200 series air compressors (manual transmission) |
| 86SB 3559 | MS 300 E-5215 (MIDR 06.20.30B up to serial no. 1510), for Model 3000/3200 series air compressors (automatic transmission) |
| 86SB 3560 | MS 300 E5-215 (MIDR 06.20.30B serial no. 1511 and up), EC5-205 (MIDR 06.20.30C), for Model 3832 series air compressors (manual transmission) |
| 86SB 3561 | MS 300 E5-215 (MIDR 06.20.30B serial no. 1511 and up), EC5-205 (MIDR 06.20.30C), for Model 3832 series air compressors (automatic transmission) |
| 86SB 3566 | MIDR 06.02.26I for "MS" chassis – Original build date: Up to December 1990 |
| 86SB 3567 | MIDR 06.02.26L for "MS" chassis – Original build date: 1/91 to 12/92 |
| 86SB 3568 | MIDR 06.02.26L2 for "MS" chassis – Original build date: 1/93 to 8/94 |
| 86SB 3569 | MIDR 06.02.26L5, 510, 511 for "MS" chassis – Original build date: 9/94 on |
| 86SB 3570 | MIDR 06.02.26K for "MS" chassis – Original build date: Up to December 1990 |
| 86SB 3571 | MIDR 06.02.26M for "MS" chassis – Original build date: 1/91 to 12/92 |
| 86SB 3572 | MIDR 06.02.26M2 for "MS" chassis – Original build date: 1/93 to 8/94 |
| 86SB 3573 | MIDR 06.02.26M5, 510, 511 for "MS" chassis – Original build date 9/94 on |
| 86SB 3582 | MIDR 06.02.26L5/M5 for "MS" chassis – Original build date: 10/97 on |
| 86SB 3588 | MIDR 06.02.26M7 for "MS" chassis |

ENGINE

MID-LINER REMANUFACTURED BASIC ENGINES: MS 200/250/300 (continued)

All Basic Engine Features: Remanufactured cylinder blocks, cylinder heads, crankshafts, connecting rods and oil pumps. New pistons, rings, liners, bearings, bushings, gaskets and seals. All Remanufactured Basic Engines include push rods, rocker assemblies and cylinder head covers.

MS 200/250 Applications: All models 5.49 liters (355 cu. in.), turbocharged and aftercooled. All Remack MIDR 06.02.12 Basics come with Remanufactured Oil Coolers, Remanufactured Water Pumps, Remanufactured Fuel Injector Nozzle Assemblies, dampers and pulleys installed.

MS 300 Applications: All models 8.82 liters (538 cu. in.), turbocharged, aftercooled or non-aftercooled. Remack MIDR and MIDS 06.20.30 Basics come with Remanufactured Water Pumps, flywheel housings, dampers and pulleys installed.

MID-LINER REMANUFACTURED BASIC ENGINES: CS 200/250/300

| PART NUMBER | APPLICATION |
|-------------|--|
| 86SB 3552 | CS 200/250 with 14 liter oil pan arrangement EC3-165 (MIDR 06.02.12E, F), E3-175 (MIDR 06.02.12A, B, C) |
| 86SB 3553 | CS 200/250 with 19 liter oil pan arrangement EC3-165 (MIDR 06.02.12E, F), E3-175 (MIDR 06.02.12A, B, C) |
| 86SB 3555 | CS 200/250 with 19 liter oil pan E3-180 (MIDR 06.02.12L) |
| 86SB 3564 | CS 300 E5-215 (MIDR 06.20.30B no. 1511 and up), EC5-205 (MIDR 02.20.30C), for Model 3832 series air compressors (manual transmission) |
| 86SB 3565 | CS 300 E5-215 (MIDR 06.20.30B no. 1511 and up), EC5-205 (MIDR 06.20.30C), for Model 3832 series air compressors (automatic transmission) |
| 86SB 3574 | MIDR 06.02.26I for "CS" chassis – Original build date: Up to December 1990 |
| 86SB 3575 | MIDR 06.02.26L for "CS" chassis – Original build date: 1/91 to 12/92 |
| 86SB 3576 | MIDR 06.02.26L2 for "CS" chassis – Original build date: 1/93 to 8/94 |
| 86SB 3577 | MIDR 06.02.26L5, 510, 511 for "CS" chassis – Original build date: 9/94 on |
| 86SB 3578 | MIDR 06.02.26K for "CS" chassis – Original build date: Up to December 1990 |
| 86SB 3579 | MIDR 06.02.26M for "CS" chassis – Original build date: 1/91 to 12/92 |
| 86SB 3580 | MIDR 06.02.26M2 for "CS" chassis – Original build date: 1/93 to 8/94 |
| 86SB 3581 | MIDR 06.02.26M5, 510, 511 for "CS" chassis – Original build date 9/94 on |
| 86SB 3587 | MIDR 06.02.26L7 for "CS" chassis |
| 86SB 3589 | MIDR 06.02.26M7 for "CS" chassis |

All Basic Engine Features: Remanufactured cylinder block, cylinder heads, crankshafts, connecting rods and oil pumps. New pistons, rings, liners, bearings, bushings, gaskets and seals. All Remanufactured Basic Engines include push rods, rocker assemblies and cylinder head covers.

CS 200/250 Applications: All models 5.49 liters (355 cu. in.), turbocharged and aftercooled. All Remack MIDR 06.02.12 Basics come with Remanufactured Oil Coolers, Remanufactured Water Pumps, Remanufactured Fuel Injector Nozzle Assemblies, dampers and pulleys installed.

CS 300 Applications: All models 8.82 liters (538 cu. in.), turbocharged, aftercooled or non-aftercooled. Remack MIDR and MIDS 06.20.30 Basics come with Remanufactured Water Pumps, flywheel housings, dampers and pulleys installed.

ATTENTION DEALERS

When ordering frame rails, all requests MUST be submitted to Mack Trucks Spec Department. Requests must be faxed into the Spec Department at 610-709-3088 or electronically requested.

**NO PHONE CALL REQUESTS
WILL BE ACCEPTED.**

(See following for request form)

NOTE: All frame rail requests will be based on the information that is contained on this form from the Mack Dealer. The part numbers given are based on the original corporate chassis record. If the chassis was altered in any way after production, it is the dealer's responsibility to inform us at the time of order.

SAMPLE

Request for Frame Rails

Section 1 (Dealer)

Date _____

Dealer Code _____ Requestor's Name _____

Phone _____ Fax _____

Chassis Model _____ Serial # _____ GSO# _____

The part numbers given are based on the original corporate chassis record. If the chassis was altered in any way after production, it is the dealer's responsibility to inform us at the time of request. Fully punched rails are not eligible for return to the PDC or thru the PRS System.

Warranty Replacement Non-Warranty Replacement

Frame Rail : RH LH (Please Check)

Inner Channel : RH LH Outer Channel: RH LH

w/o VIN

(Note: VIN will be stamped on all rails unless requested w/o VIN.)

Fax this form to Specifications at 610-709-3088

Section 2 (Specifications)

Frame Rail Part # RH _____ LH _____

Inner Channel Pt# RH _____ LH _____

Outer Channel Pt# RH _____ LH _____

Specs:

******* After receiving frame rail part numbers, if you wish to order frame rails please fill out Section 3 (below).**

Section 3 (Dealer)

CUSTOMER SERVICE

Purchase Order Number _____

Fax to Customer Service at 610-709-2676.

| |
|-------------------|
| DRIVE LINE |
|-------------------|

UNIVERSAL JOINTS (WING TYPE)

| | PART NO. | NEAPCO | TYPE* |
|------|-----------------|---------------|--------------|
| 58WB | 201SJ 51 | 2170-58WB2 | 2HWD-2DWT |
| 72N | 201SJ 48A | 2170-7205 | 4DWT |
| 72N | 201SJ 49A | 2170-7207 | 2HWD-2DWT |
| 82N | 201SJ 52 | 2170-8205 | 4DWT |
| 82N | 201SJ 54 | 2170-8207 | 2HWD-2DWT |
| 92N | 201SJ 53A | – | 4DWT |
| 92N | 201SJ 55A | – | 2HWD-2DWT |
| 92N | 201SJ 50A | 2170-9016 | 4HWD |

* HWD = High Wing Drilled
DWT = Delta Wing Threaded

DRIVE SHAFT

UNIVERSAL JOINT KITS

| SERIES | SPICER NO. | MAXI BILT |
|---------------|-------------------|------------------|
| 1000 | 2104-5170X | 2170-5170X |
| 1280 | 2104-5200X | – |
| 1310 | 2104-5153X | 2170-5153X |
| 1330 | 2104-5213X | – |
| 1350 | 2104-5178X | 2170-5178X |
| 1410 | 2104-5160X | 2170-5160X |
| 1480 | 2104-5188X | 2170-5188X |
| 1500 | 2104-5115X | – |
| 1550 | 2104-5155X | 2170-5155X |
| 1600 | 2104-5279X | 2170-5116X |
| 1610 | 2104-5279X | 2170-5279X |
| 1610 | 2104-5165X | 2170-5165X |
| 1700 | 2104-5280X | 2170-5177X |
| 1710 | 2104-5280X | 2170-5280X |
| 1760 | 35MU 222 | 2170-5407X |
| 1800 | 2104-5124X | 2170-5124X |
| 1810 | 35MU 217 | 2170-5281X |
| 1850 | 2104-5185X* | – |
| 1850 | 2104-5186X** | 2170-5186X |
| 1880 | 2104-5308X | – |

* For use with Rockwell 88WB Series

** For use with Mechanics 9C Series

STEERING

JOINT KITS – STEERING SHAFT

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|--|
| 206SL 11A | 18KF 33A |
| 782-CPL6R30 | 13KF 26, 33, 37, 112, 311A, 311B, 313P1-P4, 314, 314A, 320, 322, 326, 328, 13KF 329, 330, 417P1-P7, P13, P15-P23, 418, 419, 420, 422, 423, 424, 13KF 19301, 19304, 29301 63RU 214, 216, 65RU 313, 317, 324, (Weld Yoke) |
| 782-CPL6R39 | 13KF 313P5, 327, 417P24 |
| 2104-5103X | 65RU 317 (Spicer Shafts) |

STEERING GEAR INPUT SHAFT SEAL KIT

| | |
|---------------|---|
| NLA | CH w/20QC 381M5, M6, M7 and CM400 w/20QC 4354M Before 8/1/90 (Cover w/o Fitting) |
| 8148-5541351B | CH w/20QC 381M5, M6, M7 and CM400 w/20QC 4354M After 8/1/90 (Cover w/Fitting) |

DRAG LINK REPAIR KIT

| | |
|--------------|--|
| 201SL 16 | 13QC 399A, 399B, 3101AP1, A02, 3103AP1, AP2, 3104AP1-AP5, 3130 |
| 201SL 17 | 13QC 3102A, 3119P1-P3 |
| 8226-L28KD10 | 13QC 42A |

BEARING CAP SHAFT KIT

| | |
|--------------|------------------|
| 8148-5540192 | RD800 20QC 4314M |
|--------------|------------------|

POWER STEERING RETROFIT KIT

| | |
|----------|---|
| 201SK 27 | R600, RD600& U600 w/FA532, FA535, FAW536 & FAW537 Front Axles |
|----------|---|

CROSS STEERING TUBE ENGINE REPAIR KIT

| | |
|-----------|---|
| 204SQ 17 | FA505, 509, 510, 513, 5131, 519, 5191, 522, 523, 532, 5321 FAL 522, 523 & 532 FA600 & 601 |
| 204SQ 21B | 7QH 310A, AP4, AP5 FA517, 514, 5141, 507, 512 & 5071 Front Axles |

Kit applies to all "P" numbers unless otherwise noted.

CLUTCH CABLE

- 85121130 Clutch Cable Installation Kit
 Mechanical cable w/o air assist
 MP7 & MP8 Engines
 CTP, CXP, CHU, CXU, GU
- 85121128 Clutch Cable Pedal Kit
 Mechanical cable w/o air assist
 Pedal with rubber pad
 CTP, CXP, CHU, CXU, GU
- 85121129 Clutch Cable Pedal Kit
 Mechanical cable w/o air assist
 Pedal with open grate
 CTP, CXP, CHU, CXU, GU

TRANSMISSION KITS

MACK TRANSMISSION BEARING & OIL SEAL KITS

| PART NO. | ASSEMBLY APPLICATION |
|---|---|
| √ 208SH 82 | TR107 |
| √ 208SH 83A | TRDXL107, 1070, 1071 (Compound Case is Front Mounted) |
| √ 208SH 85A | TRD7220 & TRQ7220 – 11KB 5884B & 5916C |
| 208SH 100A | T2050 |
| 208SH 101B | T2060, T2070, T2090 and T2100, T2080 (Not B) |
| √ 208SH 103 | TRDL1070 – 11KB 51033P1 & P2 & 51034P1 |
| 208SH 104B | TRTXL1070 – 11KB 51035P1 & P2 & 51036P1 (Severe Service) |
| 208SH 105A | TRL1076 & TRL1078 – 11KB 5932A, 5934A & 5946A |
| 208SH 106A | TRXL107 & TRXL1071 – 11KB 5936B & 5938B |
| 208SH 107 | T2130, T2180, T2080B (exc rev idler gear bearings) & T2180B |
| No Kit | T2060A |
| (For the following T300 Transmissions, can also see QIB 2006-01) | |
| 208SH 108 | T305 |
| 208SH 109 | T306G |
| 208SH 110A | T306, T307 |
| 208SH 111 | T307M |
| 208SH 112 | T308 |
| 208SH 113A | T308M |
| 208SH 114A | T309(L) (LR) |
| 208SH 115 | T310ME |
| 208SH 116A | T310M, (MLR) |
| 208SH 117A | T313L, (LR), T318L, (LR) |
| 208SH 118A | T313L21, (LR21), T318L21, (LR21) |
| √ Kits are not available. | Must order as units. |

SNAP RING SET

| | |
|-----------|--|
| 342SH 591 | T2050 (Also included in 208SH 100) |
| 342SH 592 | T2060, T2070, T2080, T2090, T2100, T2180 (Also included in 208SH 101 and 208SH 107) |
| 342SH 593 | TRL1076, TRL1078 (Also included in 208SH 105) |
| 342SH 594 | TRDL1070, TRXL1070, TRXL107, TRXL1071 (Also included in 208SH 103, 104A, 106) |
| 342SH 595 | T305, T306G |
| 342SH 596 | T306, T307, T308, T309, T309L, T309LR |
| 342SH 597 | T310ME, T313L21, T313LR21, T318L21, T318LR21 |
| 342SH 598 | T307M, T308M, T310M, T310MLR, T313L, T313LR, T318L, T318LR |

SHIM KITS

| | |
|----------|----------------------------|
| 207SH 46 | T300 Countershaft |
| 207SH 47 | T300 Compound Countershaft |

TRANSMISSION KITS

MID-LINER (CS-MS 200-250)

2104-31 247619X Dana 5052A, 5252A

TRANSMISSION AIR SHIFT COVER O-RING KIT

207SH 32 TRDL1070, TRTXL1070, TRXL107, TRXL1070

T200 SHORT COMPOUND SHAFT COVER O-RING KIT

207SH 35 T2060, T2070F, T2080, T2090, T2100

T200 LONG COMPOUND SHAFT COVER O-RING KIT

207SH 36 T2070B, T2080B, T2180B(A), T2110B

T300 COMPOUND SHAFT COVER O-RING KIT

207SH 37 T306, T307(M), T308, T309(L)(LR)

207SH 38 T310M(ME)(MLR)

207SH 39 T308M

207SH 40 T313L(LR)(L21)(LR21), T318L(LR)(L21)(LR21)

TRANSMISSION OIL COOLER KITS

25KB 24 Transmission Oil Hole Kit T2180 w/6-Hole Pattern

25KB 25 Transmission Oil Hole Kit T2180 w/8-Hole Pattern

3088-K1703 Fuller Transmission w/Interior Oil Pump Already Installed

3088-K2067 Fuller Transmission w/Installation on Auxiliary Countershaft

3088-K2038 Fuller Transmission w/Interior Oil Pump (6 Bolt Pattern)

3088-K2039 Fuller Transmission w/Interior Oil Pump (8 Bolt Pattern)

MACK SYNCHRONIZER KIT

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|---|
| 208SH 99A* | T2090-T2100-T2180, T310 (For ball type synchronizer with clutch 320KB 442, 320KB 450C & 320KB 459A) |

* For T310 see 601KCA arrangement, compare parts to 208SH 99A kit to see if they match.

SHIFT VALVE INTERLOCK KIT

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|-----------------------------|
| 28KB 122 | T2090 & T2100 |

FULLER TRANSMISSIONS KITS

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|-------------------------------------|
| 208SH 54 | T905 |
| 208SH 55 | RT910, RTO910 |
| 208SH 56 | RT913, 915, RTO913, 915 |
| 208SH 57 | R96, 960 and RTOF12513 |
| 3088-K1058 | RT12513 w/Input Shaft |
| 3088-K1852 | RT12513 w/Input Shaft and RTOF12513 |

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| TRANSMISSION KITS |
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SPICER TRANSMISSIONS (MAIN) KITS

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|------------------------------------|
| 2104-3124766X | SST6, 1062, 1262, 1263 |
| 2104-3134002X | 7041 |
| 2104-31340018X | 8016, 8216 |
| 2104-31340011X | 8041, 8045, 8241, 8245, 8440, 8445 |
| 2104-31340013X | 8051, 8055, 8251, 8255 |
| 2104-31340012X | 8052, 8054 |
| 2104-31340019X | 8512 |
| 2104-31340020X | 8516, 8716 |
| 2104-31340014X | 8542, 8544, 8742, 8744, 8842, 8844 |
| 2104-31340015X | 8552, 8554 |
| 2104-3124762X | 8553, 8555, 8753, 8755 |

SPICER TRANSMISSIONS (AUXILIARY) KITS

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|-----------------------------|
| 2104-3134006X | 8031, 8035 |
| 2104-3134007X | 8341, 8345, 9341, 9441 |

GASKET SETS - TRANSMISSION

GASKET KITS, MACK TRANSMISSIONS

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|--|
| 127SH 16A | TR30, 311, 312, 661, 6610, 771, 7710 TRD31, 313, 660, 77, 770, 771 |
| 127SH 17C | TR72, 720, 722, 7220 TRD72, 720, 722, 723, 725, 7220, 7230, 7250 TRQ72, 7220 TRT72, 722, 7220 |
| NLA | TRD32, 323, 67, 670, 673, 675, 6730, 6750 TRTX670, 6702 |
| 127SH 19A | TRD663, 6630, 773, 7730 |
| 207SH 28B | T2050 |
| 207SH 29B | T2060 (no A), T2070, T2090, T2100, T2080 |
| 207SH 29B | TM309M (Except for rear rear air cylinder for shift position) |
| 207SH 30A | TRL107, TRDXL107 TRXL107, 1071, TRL1076, 1078 |
| 207SH 31B | T2180 (w/O-Rings & Seals), T2130 |
| 207SH 41A | T305, T306G |
| 207SH 42A | T306, T307, T308, T309(L)(LR) w/vane pump |
| 207SH 43A | T307M, T310M,(MLR),(ME w/ext output shaft) |
| 207SH 44A | T313L(LR), T318L(LR), T313L21(LR21), T318L21(LR21) |
| 207SH 45A | T308M (w/neutralizing option) |

GASKET KITS FOR FULLER TRANSMISSIONS

| PART NO. | ASSEMBLY APPLICATION |
|-----------------|--|
| 3088-K1955 | FS6106 |
| 3088-K1931 | RT610, 6610, 8609 and 510 |
| 3088-K1781 | RT613, 6613 |
| 3088-K1782 | T905, 11605 RT906, 9508, 909, 9509, 910, 915, 913, 9513, 11608, 11609, 11610, 11613, 11615, 12609A and 12610 |
| 3088-K1783 | RTO958LL, 11608LL, T955, 1056, 11606, TA4510, RT11509, 1110, 12509, 12510, 12513, 12515, 14608, 14609, 14610, 14613, 15613 and 15615 |
| 3088-K1780 | RTO1157 & LL, 1258LL, 11607L & LL 14508LL, T1056 |
| 3088-K1547 | RT2008 |
| 3088-K1479 | AT1202 |
| 3088-K1846 | T8607, 11607, 14607 |

GASKET KIT (AUXILIARY) FULLER TRANSMISSION

| PART NO. | ASSEMBLY APPLICATION | SPEEDS |
|-----------------|-----------------------------|---------------|
| 3088-K1603 | 7LL-8LL | 13-15 Speed |

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| GASKET SETS - TRANSMISSION |
|-----------------------------------|

GASKET KITS (MAIN) SPICER TRANSMISSIONS

| PART NO. | ASSEMBLY APPLICATION | SPEEDS |
|----------------|------------------------------------|----------------|
| 2104-31247516X | 1062, 1262, 1263, SST | 6 Speed |
| 2104-3124754X | 5650, 5750, 5850 | 5 Speed |
| 2104-31247542X | 6350, 6450, 6850 | 5 Speed |
| 2104-3124757X | 8012 | 12 Speed 4 x 3 |
| 2104-3124757X | 8016 | 16 Speed 4 x 3 |
| 2104-3124756X | 8041, 8045, 8241, 8245, 8440, 8445 | 4 Speed |
| 2104-3124766X | 8051, 8055, 8251, 8255 | 5 Speed |
| 2104-31247531X | 8512 | 12 Speed 4 x 3 |
| 2104-31247531X | 8516, 8716, 8516P | 16 Speed 4 x 4 |
| 2104-3124758X | 8542, 8544, 8742, 8744, 8842, 8844 | 4 Speed |
| 2104-3124758X | 8552, 8553, 8554, 8753, 8755 | 5 Speed |

GASKET KITS - SPICER TRANSMISSIONS (AUXILIARY)

| | | |
|------------------------------------|------------|-----------------|
| 2104-310460X | 6041 | 4 Speed |
| 2104-31247524X* (207SH 24) | 8031, 8035 | 3 Speed w/o PTO |
| 2104-31247523X* (2104-3124759X) | 8031, 8035 | 3 Speed w/PTO |
| 2104-31247524X* (207SH 24) | 8341, 8345 | 4 Speed w/o PTO |
| 2104-31247523X* (2104-3124759X) | 8341, 8345 | 4 Speed w/PTO |
| 2104-311959X | 9341, 9441 | 4 Speed |

* Parts are interchangeable.

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| TRANSMISSION – BASIC OVERHAUL KITS |
|---|

FULLER TRANSMISSIONS

| PART NO. | MODEL SERIES APPLICATION | FOR TRANSMISSION WITH THE FOLLOWING CLUTCH TYPES |
|-----------------------------|--------------------------|--|
| 3088-K1766 | FS6106 | Fits all Clutch types |
| 3088-K1850* (3088-K1057) | RT610 | Fits all Clutch types |
| 3088-K1736 | RT6610 | Fits all Clutch types |
| 3088-K1851* (3088-K1061) | RT613 | Fits all Clutch types |
| 3088-K1851* (3088-K1737) | RT6613 | Fits all Clutch types |
| 3088-K1765 | T8607 | Pull type – 2" Input Shaft |

*Parts are interchangeable.

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| TRANSMISSION – BASIC OVERHAUL KITS |
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FULLER TRANSMISSIONS (continued)

| PART NO. | MODEL SERIES APPLICATION | FOR TRANSMISSION WITH THE FOLLOWING CLUTCH TYPES |
|-----------------|---------------------------------|---|
| 3088-K1764 | RT8609 | Pull type – 2" Input Shaft |
| 3088-K1080 | TA4510 | Pull type – 1-3/4" Input Shaft |
| 3088-K1054 | T905 | Pull type – 1-3/4" Input Shaft |
| 3088-K1055 | T11605 | Push type – 1-3/4" Input Shaft |
| 3088-K1056 | T11605 | Push type – 2" Input Shaft |
| 3088-K1040 | RT906 | Pull type – 1-3/4" Input Shaft |
| 3088-K1041 | RT9508 | Pull type – 1-3/4" Input Shaft |
| 3088-K1042 | RT909 | Pull type – 2" Input Shaft |
| 3088-K1065 | T955 | Pull type – 1-3/4" Input Shaft |
| 3088-K1066 | T955 | Push type – 1-3/4" Input Shaft |
| 3088-K1067 | T955 | Pull type – 2" Input Shaft |
| 3088-K1068 | RTO958LL | Pull type – 1-3/4" Input Shaft |
| 3088-K1069 | RTO958LL | Push type – 1-3/4" Input Shaft |
| 3088-K1070 | RTO958LL | Pull type – 2" Input Shaft |
| 3088-K1045 | RTO913 | Pull type – 1-3/4" Input Shaft |
| 3088-K1046 | RTO913 | Pull type – 1-3/4" Input Shaft |
| 3088-K1047 | RTO913 | Push type – 2" Input Shaft |
| 3088-K1048 | RT9513 | Pull type – 1-3/4" Input Shaft |
| 3088-K1049 | RT9513 | Push type - 1-3/4" Input Shaft |
| 3088-K1050 | RT9513 | Pull type – 2" Input Shaft |
| 3088-K1555 | RT9513 | Aux. Range Section Assy. |
| 3088-K1051 | RT915 | Pull type – 1-3/4" Input Shaft |
| 3088-K1052 | RT915 | Push type – 1-3/4" Input Shaft |
| 3088-K1053 | RT915 | Pull type – 2" Input Shaft |
| 3088-K1071 | T1056A | Pull type – 1-3/4" Input Shaft |
| 3088-K1072 | T1056A | Pull type – 2" Input Shaft |
| 3088-K1073 | T1056AA | Pull type – 1-3/4" Input Shaft |
| 3088-K1074 | T1056AA | Pull type – 2" Input Shaft |
| 3088-K1076 | RTO1157DL | Pull type – 1-3/4" Input Shaft |
| 3088-K1077 | RTO1157DL | Pull type – 2" Input Shaft |
| 3088-K1063 | RT11509 | Pull type – 2" Input Shaft |
| | RT1110 | |
| 3088-K1755 | T11606 | Pull type – 1-3/4" Input Shaft |

* Parts are interchangeable.

TRANSMISSION – BASIC OVERHAUL KITS

FULLER TRANSMISSIONS (continued)

| PART NO. | MODEL SERIES APPLICATION | FOR TRANSMISSION WITH THE FOLLOWING CLUTCH TYPES |
|-----------------------------|---------------------------------|---|
| 3088-K1756 | T11606 | Pull type – 2" Input Shaft |
| 3088-K1982 | T11607 | Pull type – 2" Input Shaft |
| 3088-K1980* (3088-1752) | RTO11607L | Pull type – 2" Input Shaft |
| 3088-K1981* (3088-K1753) | RTO11607LL | Pull type – 2" Input Shaft |
| 3088-K1793 | RT11608 | Pull type – 1-3/4" Input Shaft |
| 3088-K1879 | RT11609 | Push type – 1-3/4" Input Shaft |
| 3088-K1974 | RT11610 | Push type – 2" Input Shaft |
| 3088-K1743 | RT12609 | Push type – 2" Input Shaft & Oil Seal in Cover |
| 3088-K1879* (3088-K1744) | RT12610 | Push type – 2" Input Shaft |
| 3088-K1977 | RTO11608LL | Pull type – 1-3/4" Input Shaft |
| 3088-K1880 | RT11615 | Push type – 1-3/4" Input Shaft |
| 3088-K1978 | RT11615 | Pull type – 2" Input Shaft |
| 3088-K1975 | RT11613 | Pull type – 1-3/4" Input Shaft |
| 3088-K1880 | RT11613 | Push type – 1-3/4" Input Shaft |
| 3088-K1976 | RT11613 | Pull type – 2" Input Shaft |
| 3088-K1555 | RT11613 | Aux. Range Section Assy. |
| 3088-K1064 | RT12509 | Pull type – 2" Input Shaft |
| | RT12510 | |
| 3088-K1058 | RT12513 | Pull type – 2" Input Shaft |
| 3088-K1554 | RT12513 | Aux. Range Section Assy. |
| 3088-K1079 | RTO1258LL | Pull type – 2" Input Shaft |
| | RT12515 | |
| 3088-K1971 | RT14608 | Pull type – 2" Input Shaft |
| | RT14609 | |
| | RT14610 | |
| 3088-K1979* (3088-K1751) | RTO14608LL | Pull type – 2" Input Shaft |
| | RT14615 | |
| 3088-K1972 | RT14613 | Pull type – 2" Input Shaft |
| 3088-K1554 | RT14613 | Aux. Range Section Assy. |
| 3088-K1762 | RT15613 | Pull type – 2" Input Shaft |
| 3088-K1554 | RT15613 | Aux. Range Section Assy. |
| 3088-K1763 | RT145615 | Pull type – 2" Input Shaft |
| 3088-K1994 | RTO15618 | Pull type – 2" Input Shaft |
| NLA | RTO15618 | Aux. Range Section Assy. |

* Parts are interchangeable.

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| TRANSMISSION – BASIC REBUILD KITS |
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FULLER TRANSMISSIONS (continued)

| PART NO. | MODEL SERIES APPLICATION |
|-----------------|--------------------------------------|
| 3088-K1850 | RT610, 6610 |
| 3088-K1851 | RT613, 6613 |
| 3088-K1852 | T905 |
| 3088-K1853 | T955 |
| 3088-K1854 | RT906, 9508, 9509, 910 |
| 3088-K1855 | RT913 |
| 3088-K1856 | RT9513, 915, RTO958LL |
| 3088-K1857 | T1056 |
| 3088-K1858 | RT11509, 1110 |
| 3088-K1859 | RTO1156DL |
| 3088-K1860 | RTO1157DLL |
| 3088-K1861 | RT12509, 12510 |
| 3088-K1862 | RT12513 |
| 3088-K1863 | RT12515, RTO1258LL |
| 3088-K1873 | T11605 |
| 3088-K1864 | T11606 |
| 3088-K1878 | T11607 |
| 3088-K1866 | RTO11607L |
| 3088-K1867 | RTO11607LL |
| 3088-K1879 | RT11608, 11609, 11610, 12609A, 12610 |
| 3088-K1880 | RT11613, 1615, RTO11608LL |
| 3088-K1870 | RT14608, 14609, 14610 |
| 3088-K1871 | RT14613 |
| 3088-K1872 | RT14615, RTO14608LL |
| 3088-K1874 | RT15613 |
| 3088-K1875 | RT15615 |
| 3088-K2046 | RTO15618 |
| 3088-K1877 | T8607 |
| 3088-K1876 | RT8609 |
| 3088-K2045 | RTO11707LL |
| 3088-K2044 | RT15715 |

Each Kit fits all Clutch Types.

TRANSMISSION – MAJOR OVERHAUL KITS

SPICER TRANSMISSIONS

| SPICER NO. | SERIES | MODEL APPLICATION |
|-------------------|---------------|---|
| 2104-31340035X** | SST-2 | 1352 – 1-3/4" D.G. |
| 2104-31340036X** | SST-2 | 1352 – 2" D.G. |
| 2104-31340037X** | SST-2 | 1452 |
| 2104-31340038X** | SST-2 | 1462 |
| 2104-31340039X** | SST-2 | 1310 |
| 2104-31340040X** | SST-2 | 1207 |
| 2104-31340041X** | SST-2 | 1411, 1412 |
| 2104-31340042X** | SST-2 | 1414, 1420 |
| 2104-31340043X | SST-2 | 1372-A – B/M 301271 |
| 2104-31340045X | CM-55 | 5552, 5852 |
| 2104-31340046X | CM-40 | 4054 |
| 2104-31340047X | SST-2 | 1372-B – B/M 301325 |
| 2104-31340048X | CM-5510 | 5510 |
| 2104-31340049X** | SST-2 | 9072, 1-3/4" D.G. .205 Pilot |
| NLA | SST-2 | 9072, 1-3/4" D.G. .306 Pilot |
| 2104-31340051X | SST-2 | 9072, 2" D.G. |
| 2104-31340054X | 5000 | 5652, 5752, 5753, 5756, 5852, 5853 |
| 2104-31340055X | 6000 | 6852, 6853 |
| 2104-31340056X | CM-50 | 5052, 5252 |
| 2104-31340057X | CM-60 | 6052, 6252, 6253 |
| 2104-31340058X | AUX | 7041 |
| 2104-31340059X | AUX | 8341 |
| 2104-31340060X | AUX | R8031, R8341 |
| 2104-31340061X | AUX | 1241, P1241 |
| 2104-31340062X | SST-1 | 1052, 1054 |
| 2104-31340063X | SST-1 | 1252, 1253 |
| 2104-31340064X | SST-1 | 1262, 1263 |
| 2104-31340065X | SST-1 | 1006, 1007, 1211, 1272 |
| 2104-31340066X | SST-1 | 1107 |
| 2104-31340067X | CM-49 | 4954 |
| 2104-31340068X | CM-59 | 5952 |
| 2104-31340069X | SST-1 | 1010 |
| 2104-31340071X | SST-1 | 1214, 1420-3A |
| 2104-31340072X** | SST-2 | 1372-A B/M 301398, 1-3/4" D.G. .306 Pilot |
| 2104-31340073X | SST-2 | 1372-B B/M 301405 |
| 2104-31340074X** | SST-2 | 1372-A B/M 301398, 1-3/4" D.G. .205 Pilot |
| 2104-31340075X** | SST-2 | 1372-B B/M 301398, 2" D.G |

** Contains Drive Gear Stem.

TRANSMISSION – MINOR OVERHAUL KITS

SPICER TRANSMISSIONS

| SPICER NO. | SERIES | MODEL APPLICATION |
|--|---------------|--|
| 2104-3134321X | SST-2 | 1352, 1452, 1453, 1362, 1364, 1463 |
| 2104-3134322X | SST-2 | 1372-A B/M 301271 |
| 2104-3134323X | SST-2 | 1310 |
| 2104-3134324X | SST-2 | 1207 |
| 2104-3134325X | SST-2 | 1411, 1412 |
| 2104-3134329X | SST-2 | 1414, 1420-3B |
| 2104-31343210X* (2104-31247619X) (2104-3134001X) | CM50/55 | 5052, 5252, 5552, 5852 |
| 2104-31343211X* | CM-40 | 4054 |
| 2104-31343212X | SST-2 | 1372-B B/M 301325 |
| 2104-31343213X | CM-5510 | 5510 |
| 2104-31343214X | SST-2 | 9072 |
| 2104-31343217X | 6000 | 6852, 6853 |
| 2104-31343220X | CM-60 | 6052, 6252, 6253 |
| 2104-31343221X | AUX | 7041 |
| 2104-31343222X (2104-3134007X) | AUX | 8341, P8341 |
| 2104-31343223X (2104-31340025X) | AUX | R8031, R8341, RP8341 |
| 2104-31343224X | AUX | 1241, P1241 |
| 2104-31343225X (2104-3124766X) | SST-1 | 1052, 1054, 1252, 1253, 1262, 1263 |
| 2104-31343226X | SST-1 | 1006, 1007, 1211, 1272 |
| 2104-31343227X | SST-1 | 1107 |
| 2104-31343228X | SST-1 | 1010 |
| 2104-31343229X (2104-3124768X) | SST-1 | 1214, 1420-3A |
| 2104-31343230X | CM-49 | 4954 |
| 2104-31343231X | CM-59 | 5952 |
| 2104-31343232X | SST-2 | 1372-A B/M#301398 1372-B B/M#301405 |

* Parts are interchangeable.

FULLER TRANSMISSIONS

This will provide you with a comparison between previous and current generation of Fuller transmission models.

A cross reference is given from the current Fuller model number to the Mack part number. This is a reference tool only and cannot be used for interchangeability. Before ordering you must check torque compatibility against your engine installation. The résumé provides you optional information that will aid you in your selection.

All transmissions not designated have a new style mounting pad (***) – 3-1/4" top, 3-1/4" bottom, 4-1/2" high. Optional Old Style dimensions are (*) – 3-1/4" top, 2-1/2" bottom, 4-1/2" high and (**) – 3-1/4" top, 2-1/2" bottom, 3" high. All mounting pad dimensions are measured centerline to centerline of bolt holes.

RÉSUMÉ OPTIONAL INFORMATION

- (A) With Road Speed Governor
- (B) With Mechanical Speedometer
- (C) With Electronic Speedometer Pick-up
- (D) With Torque Limiting Device
- (E) With Spicer Upshift Clutch Brake
- (F) With Extended Auxiliary Countershaft, Multi-speed PTO
- (G) With PTO Opening K172 Adapter Plate Kit
- (H) With Fuller Yoke and Dust Shield for Spicer 1710 Heavy Duty Driveline Series
- (I) With Provisions for Mack Installed Oil Cooler System
- (J) With Ratio Control
- (K) With Standard Speedometer Connection without Drive Gear
- (L) With Thru Shaft PTO Provisions

| PREVIOUS MODEL | DESCRIPTION | CURRENT MODEL | BELL HOUSING | SPLINE DIAMETER | MACK PART NO. | SEE RÉSUMÉ OPTIONS | REFERENCE MODEL ONLY |
|-------------------|-------------|------------------|-----------------|--------------------|------------------|--------------------------|----------------------------|
| T905A | 5 Speed | T11605A | #1 Steel | 2" | 11KB 3219P2 | (*) | R |
| T905A | 5 Speed | T11605A | #2 Steel | 2" | 11KB 3219P3 | (**) | R |
| TO905A | 5 Speed | TO11605A | #1 Steel | 2" | 11KB 3219 | (*) | DM |
| T905C | 5 Speed | T11605C | #1 Alum | 1-3/4" | 383SH 68 | | |
| T905C | 5 Speed | T11605C | #1 Alum | 2" | 383SH 69 | | |
| TO905C | 5 Speed | TO11605C | #1 Alum | 2" | 383SH 66 | | |
| RTO1157DL | 7 Speed | RTO11607C | #1 Steel | 2" | 11KB 4264P2 | (B) | MC |
| RTO1157DL | 7 Speed | RTOF11607L | #1 Steel | 2" | 11KB 4264 | (B) | RD |
| RTO1157DLL | 7 Speed | RTO11607LL | #1 Alum | 2" | 11KB 4244 | (B) | RL, RS, RW, W |
| RTO1157DLL | 7 Speed | RTO11607LL | #1 Alum | 2" | 11KB 4244P3 | (A), (B) | RL, RS, RW, W |
| RTO1157DLL | 7 Speed | RTO11607LL | #1 Steel | 2" | 11KB 4278P2 | (B) | |
| RTO1157DLL | 7 Speed | RTOF11607LL | #1 Alum | 2" | 11KB 4244P2 | (B), (D) | RL, RS, RW, W |
| RTO1157DLL | 7 Speed | RTOF11607LL | #1 Steel | 2" | 11KB 4278 | (B), (D) | R |
| RTO1157DLL | 7 Speed | RTOF11607LL | #1 Alum | 2" | 11KB 4278P3 | (B) | |
| T11606 | 7 Speed | T11607A | #1 Steel | 2" | 11KB 4324 | (C) | R |
| RTF9508 | 8 Speed | RTF11608 | #1 Steel | 2" | 11KB 4272 | (B), (K) | R |
| RTX958LL | 8 Speed | RTF11608LL | #1 Alum | 2" | 11KB 4247 | (B), (K) | RL, RS, RW, W |
| RTX958LL | 8 Speed | RTF11608LL | #1 Alum | 2" | 11KB 4247P2 | (A), (B), (K) | RL, RS, RW, W |
| RTX958LL | 8 Speed | RTF11608LL | #1 Alum | 2" | 11KB 4247P3 | (C) | RL, RS, RW, W |

FULLER TRANSMISSIONS

| PREVIOUS MODEL | DESCRIPTION | CURRENT MODEL | BELL HOUSING | SPLINE DIAMETER | MACK PART NO. | SEE RÉSUMÉ OPTIONS | REFERENCE MODEL ONLY |
|----------------|-------------|---------------|--------------|-----------------|---------------|--------------------|----------------------|
| RTX958LL | 8 Speed | RTX11608LL | #1 Steel | 2" | 11KB 4257P2 | (B), (E), (K) | DM, R, RD |
| RTX958LL | 8 Speed | RTX11608LL | #1 Steel | 2" | 11KB 4259P2 | (B), (K) | R |
| RTXF958LL | 8 Speed | RTXF11608LL | #1 Steel | 2" | 11KB 4257 | (B), (E), (K) | DM, R, RD |
| RTXF958LL | 8 Speed | RTXF11608LL | #1 Steel | 2" | 11KB 4259 | (B), (K) | R |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4248 | (B) | RL, RS, RW, W |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4248P2 | (A), (B) | RL, RS, RW, W |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4248P3 | (C) | RL, RS, RW, W |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4248P2 | (B), (E) | DM |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4248P2 | (B) | |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4317M | (B) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4317M2 | (A), (B) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4321M | (C) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4321M2 | (A), (C) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4322M | (B) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4322M2 | (A), (B) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4323M | (C) | MH, RWI |
| RTO1258LL | 8 Speed | RTX14608LL | #1 Alum | 2" | 11KB 4323M2 | (A), (C) | MH, RWI |
| RTOF1258LL | 8 Speed | RTOF14608LL | #1 Steel | 2" | 11KB 4263P3 | (B) | RD |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Alum | 2" | 11KB 4284P4 | (B) | RL, RS, RW, W |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4258 | (B), (E) | RD |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4263 | (B) | RD |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4263P4 | (A), (B) | RD |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4263P5 | (B), (F) | |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4263P6 | (B), (G) | |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4317M3 | (B) | MH, RD |
| RTOF1258LL | 8 Speed | RTXF14608LL | #1 Steel | 2" | 11KB 4321M3 | (C), (G) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4353 | (B), (K) | DM, MH, R, RD, RW |
| RTX14608LL | 8 Speed | RTX14608LL | #1 Steel | 2" | 11KB 4353P2 | (A), (B), (K) | DM, MH, R, RD, RW |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Steel | 2" | 11KB 4354 | (C) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Steel | 2" | 11KB 4354P2 | (A), (C) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Alum | 2" | 11KB 4355 | (B) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Alum | 2" | 11KB 4355P2 | (A), (B) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Alum | 2" | 11KB 4356 | (C) | MH, RWI |
| RTX14608LL | 8 Speed | RTX14708LL | #1 Alum | 2" | 11KB 4356P2 | (A), (C) | MH, RWI |
| RTXF14608LL | 8 Speed | RTXF14708LL | #1 Steel | 2" | 11KB 4353P3 | (B), (K) | DM, MH, R, RD, RW |
| RTXF14608LL | 8 Speed | RTXF14708LL | #1 Steel | 2" | 11KB 4354P3 | (C) | MH, RWI |
| RTXF14608LL | 8 Speed | RTXF14708LL | #1 Steel | 2" | 11KB 4354P5 | (C), (G) | MH, RWI |
| RTXF14608LL | 8 Speed | RTXF14708LL | #1 Alum | 2" | 11KB 4355P3 | (B) | MH, RWI |
| RTXF14608LL | 8 Speed | RTXF14708LL | #1 Alum | 2" | 11KB 4356P3 | (C) | MH, RWI |

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| PREVIOUS MODEL | DESCRIPTION | CURRENT MODEL | BELL HOUSING | SPLINE DIAMETER | MACK PART NO. | SEE RÉSUMÉ OPTIONS | REFERENCE MODEL ONLY |
|----------------|-------------|---------------|--------------|-----------------|---------------|--------------------|----------------------|
| RT11509 | 9 Speed | RT11609A | #1 Steel | 2" | 11KB 4223P4 | (B), (K), (*) | R700 |
| RT11509 | 9 Speed | RT11609A | #1 Steel | 2" | 11KB 4240 | (B), (K) | MH |
| RT11509 | 9 Speed | RT11609A | #1 Alum | 2" | 11KB 4249 | (B), (K) | RL, RS, RW, W |
| RT11509 | 9 Speed | RT11609A | #1 Alum | 2" | 11KB 4249P3 | (A), (B), (K) | RL, RS, RW, W |
| RT11509 | 9 Speed | RT11609A | #1 Steel | 2" | 11KB 4261 | (B), (K), (***) | R700 |
| RT11509 | 9 Speed | RT11609A | #1 Steel | 2" | 11KB 4270 | (C) | MH |
| RT11509 | 9 Speed | RT11609A | #1 Alum | 2" | 11KB 4308 | (C) | RWI |
| RT11509 | 9 Speed | RT11609A | #1 Steel | 2" | 11KB 4319P3 | (C), (H) | R |
| RT11509 | 9 Speed | RT11609A | #1 Alum | 2" | 11KB 4326 | (C) | RL, RS, RW |
| RTF11509 | 9 Speed | RTF11609A | #1 Steel | 2" | 11KB 4240P2 | (B), (K) | MH |
| RTF11509 | 9 Speed | RTF11609A | #1 Alum | 2" | 11KB 4249P4 | (B), (K) | RL, RS, RW, W |
| RTF11509 | 9 Speed | RTF11609A | #1 Steel | 2" | 11KB 4260P3 | (B), (K), (***) | DM, R, U |
| RTF11509 | 9 Speed | RTF11609A | #1 Steel | 2" | 11KB 4270P2 | (C) | MH |
| RTF11509 | 9 Speed | RTF11609A | #1 Steel | 2" | 11KB 4319 | (C) | R |
| RTF11509 | 9 Speed | RTF11609A | #1 Steel | 2" | 11KB 4319P2 | (C), (H) | R |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4240P3 | (B), (K) | MH |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4240P6 | (A), (B), (K) | MH |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4240P7 | (B), (G), (K) | MH |
| RTO11509 | 9 Speed | RTX11609A | #1 Alum | 2" | 11KB 4249P2 | (B), (K) | RL, RS, RW, W |
| RTO11509 | 9 Speed | RTX11609A | #1 Alum | 2" | 11KB 4249P6 | (A), (B), (K) | RL, RS, RW, W |
| RTO11509 | 9 Speed | RTX11609A | #1 Alum | 2" | 11KB 4249P8 | (B), (G), (K) | RL, RS, RW, W |
| RTO11509 | 9 Speed | RTX11609A | #1 Alum | 2" | 11KB 4249P10 | (C) | RL, RS, RW, W |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4270P3 | (C) | MH |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4270P8 | (C), (G) | MH |
| RTO11509 | 9 Speed | RTX11609A | #1 Steel | 2" | 11KB 4308P3 | (C) | RWI |
| RTOF11509 | 9 Speed | RTXF11609A | #1 Alum | 2" | 11KB 4249P5 | (B), (K) | RL, RS, RW, W |
| RTOF11509 | 9 Speed | RTXF11609A | #1 Steel | 2" | 11KB 4260 | (B), (K), (***) | DM, R, U |
| RTOF11509 | 9 Speed | RTXF11609A | #1 Steel | 2" | 11KB 4260P5 | (B), (G), (K) | DM, R, U |
| RTOF11509 | 9 Speed | RTXF11609A | #1 Steel | 2" | 11KB 4270P4 | (C) | MH |
| RTOF11509 | 9 Speed | RTXF11609A | #1 Steel | 2" | 11KB 4270P7 | (C), (G) | MH |
| RTO9509B | 9 Speed | RTX11609B | #1 Alum | 2" | 11KB 4249P7 | (B), (K) | RL, RS, RW, W |
| RTO9509B | 9 Speed | RTX11609B | #1 Steel | 2" | 11KB 4260P4 | (B), (K) | MR |
| RTO9509B | 9 Speed | RTX11609B | #1 Steel | 2" | 11KB 4270P10 | (C) | MH |
| RTOF9509B | 9 Speed | RTXF11609B | #1 Steel | 2" | 11KB 4240P8 | (B), (K) | MH |
| RTOF9509B | 9 Speed | RTXF11609B | #1 Steel | 2" | 11KB 4260P2 | (B), (K), (***) | DM, R, U |
| RTOF9509B | 9 Speed | RTXF11609B | #1 Steel | 2" | 11KB 4270P6 | (C) | MH |
| RTOF9509B | 9 Speed | RTXF11609B | #1 Alum | 2" | 11KB 4308P4 | (C) | RWI |
| | 9 Speed | RTX11609P | #1 Steel | 2" | 11KB 4240P9 | (B), (K) | MH |
| | 9 Speed | RTX11609P | #1 Steel | 2" | 11KB 4270P9 | (C) | MH |

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|-------------------|-------------|------------------|-----------------|--------------------|------------------|--------------------------|----------------------------|
| | 9 Speed | RTX11609R | #1 Steel | 2" | 11KB 4240P10 | (B), (K) | MH |
| | 9 Speed | RTXF11609R | #1 Steel | 2" | 11KB 4260P6 | (B), (K) | DM, R, U |
| | 9 Speed | RT12609A | #1 Alum | 2" | 11KB 4279 | (B), (K) | RL, RS, RW, W |
| | 9 Speed | RT12609A | #1 Steel | 2" | 11KB 4280 | (B), (K) | R, MH |
| | 9 Speed | RT12609A | #1 Steel | 2" | 11KB 4282 | (C) | RWI |
| | 9 Speed | RT12609A | #1 Alum | 2" | 11KB 4315 | (C) | RWI |
| | 9 Speed | RTF12609A | #1 Steel | 2" | 11KB 4280P4 | (B), (K) | R, MH |
| | 9 Speed | RTX12609A | #1 Alum | 2" | 11KB 4279P2 | (B), (K) | RL, RS, RW, W |
| | 9 Speed | RTX12609A | #1 Steel | 2" | 11KB 4280P2 | (B), (K) | R, MH |
| | 9 Speed | RTX12609A | #1 Steel | 2" | 11KB 4280P5 | (A), (B), (K) | R, MH |
| | 9 Speed | RTX12609A | #1 Steel | 2" | 11KB 4282P2 | (C) | RWI |
| | 9 Speed | RTX12609A | #1 Alum | 2" | 11KB 4315P2 | (C) | RWI |
| | 9 Speed | RTXF12609A | #1 Alum | 2" | 11KB 4279P4 | (B), (K) | RL, RS, RW, W |
| | 9 Speed | RTXF12609A | #1 Steel | 2" | 11KB 4280P3 | (B), (K) | R, MH |
| | 9 Speed | RTXF12609A | #1 Steel | 2" | 11KB 4280P6 | (A), (B), (K) | R, MH |
| | 9 Speed | RTXF12609A | #1 Steel | 2" | 11KB 4282P6 | (C), (G) | RWI |
| | 9 Speed | RTX12609B | #1 Alum | 2" | 11KB 4315P3 | (C) | RWI |
| | 9 Speed | RTX12609B | #1 Alum | 2" | 11KB 4279P3 | (B), (K) | RL, RW, RW, W |
| | 9 Speed | RTX12609B | #1 Steel | 2" | 11KB 4280P8 | (B), (K) | R, MH |
| | 9 Speed | RTX12609B | #1 Steel | 2" | 11KB 4282P5 | (C) | RWI |
| | 9 Speed | RTXF12609B | #1 Steel | 2" | 11KB 4280P7 | (B), (K) | R, MH |
| | 9 Speed | RTXF12609P | #1 Steel | 2" | 11KB 4280P9 | (B), (K) | R, MH |
| | 9 Speed | RTX12609R | #1 Steel | 2" | 11KB 4280P10 | (B), (K) | R, MH |
| | 9 Speed | RTX12609R | #1 Steel | 2" | 11KB 4282P7 | (C) | RWI |
| | 9 Speed | RTXF12609R | #1 Steel | 2" | 11KB 4280P11 | (B), (K) | R, MH |
| RT12509 | 9 Speed | RT14609A | #1 Steel | 2" | 11KB 4229P3 | (B) | R,U |
| RT12509 | 9 Speed | RT14609A | #1 Steel | 2" | 11KB 4229P9 | (A), (B) | MH, R, U |
| RT12509 | 9 Speed | RT14609A | #1 Alum | 2" | 11KB 4250 | (B) | RL, RS, RW, W |
| RT12509 | 9 Speed | RT14609A | #1 Alum | 2" | 11KB 4250P3 | (B), (I) | RL, RS, RW, W |
| RT12509 | 9 Speed | RT14609A | #1 Alum | 2" | 11KB 4250P6 | (C) | RL, RS, RW, W |
| RT12509 | 9 Speed | RT14609A | #1 Alum | 2" | 11KB 4250P8 | (C), (I) | RL, RS, RW, W |
| RT12509 | 9 Speed | RT14609A | #1 Steel | 2" | 11KB 4266P3 | (C) | MH |
| RT12509 | 9 Speed | RT14609A | #1 Alum | 2" | 11KB 4310P3 | (C) | RWI |
| RTF12509 | 9 Speed | RTF14609A | #1 Steel | 2" | 11KB 4214P3 | (B), (*) | F, R, U, |
| RTF12509 | 9 Speed | RTF14609A | #1 Steel | 2" | 11KB 4229P4 | (B), (***) | R, U |
| RTF12509 | 9 Speed | RTF14609A | #1 Alum | 2" | 11KB 4250P13 | (B) | RL, RS, RW, W |
| RTO12509 | 9 Speed | RTX14609A | #1 Steel | 2" | 11KB 4229 | (B) | R, U |
| RTO12509 | 9 Speed | RTX14609A | #1 Steel | 2" | 11KB 4229P11 | (A), (B) | MH, R, U |
| RTO12509 | 9 Speed | RTX14609A | #1 Alum | 2" | 11KB 4250P2 | (B) | RL, RS, RW, W |

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|----------------|-------------|--------------------|--------------|-----------------|---------------|--------------------|----------------------|
| RTO12509 | 9 Speed | RTX14609A | #1 Alum | 2" | 11KB 4250P4 | (B), (I) | RL, RS, RW, W |
| RTO12509 | 9 Speed | RTX14609A | #1 Alum | 2" | 11KB 4250P7 | (C) | RL, RS, RW, W |
| RTO12509 | 9 Speed | RTX14609A | #1 Alum | 2" | 11KB 4250P9 | (C), (I) | RL, RS, RW, W |
| RTO12509 | 9 Speed | RTX14609A | #1 Steel | 2" | 11KB 4266 | (C) | MH |
| RTO12509 | 9 Speed | RTX14609A | #1 Alum | 2" | 11KB 4310 | (C) | RWI |
| RTOF12509 | 9 Speed | RTXF14609A | #1 Steel | 2" | 11KB 4214P2 | (B), (*) | F, R, U |
| RTOF12509 | 9 Speed | RTXF14609A | #1 Steel | 2" | 11KB 4229P2 | (B), (***) | R, U |
| RTOF12509 | 9 Speed | RTXF14609A | #1 Steel | 2" | 11KB 4229P10 | (A), (B) | R, U |
| RTOF12509 | 9 Speed | RTXF14609A | #1 Alum | 2" | 11KB 4250P14 | (B) | RL, RS, RW, W |
| RTOF12509 | 9 Speed | RTXF14609A | #1 Steel | 2" | 11KB 4266P2 | (C) | MH |
| | 9 Speed | RTXF14609B | #1 Steel | 2" | 11KB 4266P5 | (B) | R, U |
| | 9 Speed | RTX14609B | #1 Steel | 2" | 11KB 4229P8 | (A), (B) | MH, R, U |
| | 9 Speed | RTX14609B | #1 Alum | 2" | 11KB 4250P5 | (B), (I) | RL, RS, RW, W |
| | 9 Speed | RTX14609B | #1 Steel | 2" | 11KB 4266P6 | (C) | MH |
| | 9 Speed | RTOF14609B | #1 Steel | 2" | 11KB 4229P16 | (B) | R, U |
| | 9 Speed | RTXF14609B | #1 Steel | 2" | 11KB 4229P15 | (A), (B) | R, U |
| | 9 Speed | RTXF14609B | #1 Alum | 2" | 11KB 4250P10 | (B) | RL, RS, RW, W |
| | 9 Speed | RTXF14609B | #1 Alum | 2" | 11KB 4250P11 | (C) | RL, RS, RW, W |
| | 9 Speed | RTXF14609B | #1 Alum | 2" | 11KB 4250P12 | (A), (C) | RL, RS, RW, W |
| | 9 Speed | RTXF14609B | #1 Steel | 2" | 11KB 4266P5 | (C) | MH |
| | 9 Speed | RTX14609P | #1 Steel | 2" | 11KB 4229P13 | (B) | R, U |
| | 9 Speed | RTX14609R | #1 Steel | 2" | 11KB 4229P14 | (B) | R, U |
| | 9 Speed | RTXF14609R | #1 Steel | 2" | 11KB 4229P12 | (B) | R, U |
| RT610 | 10 Speed | RT6610 W/CL691 | #2 Steel | 1-3/4" | 11KB 4207 | (B), (K), (**) | |
| RT610 | 10 Speed | RT6610 W/CL696 | #2 Steel | 1-3/4" | 11KB 4270P2 | (B), (K), (**) | |
| RTO610 | 10 Speed | RTO6610 W/CL691 | #2 Steel | 1-3/4" | 11KB 4207P3 | (B), (K), (**) | |
| RT910 | 10 Speed | RT11610 | #1 Steel | 2" | 11KB 4220 | (B), (K), (**) | F, MC, R, U |
| RT910 | 10 Speed | RT11610 | #1 Alum | 2" | 11KB 4251 | (B), (K) | RL, RS, RW, W |
| RT910 | 10 Speed | RT11610 | #1 Alum | 2" | 11KB 4251P4 | (C) | RL, RS, RW, W |
| RT910 | 10 Speed | RT11610 | #1 Steel | 2" | 11KB 4273 | (B), (K) | MH |
| RT910 | 10 Speed | RT11610 | #1 Steel | 2" | 11KB 4274 | (C) | MH |
| RT910 | 10 Speed | RT11610 | #1 Alum | 2" | 11KB 4309 | (C) | RWI |
| RTF910 | 10 Speed | RTF11610 | #1 Steel | 2" | 11KB 4220P2 | (B), (K), (*) | F, R, U |
| RTF910 | 10 Speed | RTF11610 | #1 Alum | 2" | 11KB 4233P2 | (B), (K), (***) | R, U |
| RTF910 | 10 Speed | RTF11610 | #1 Alum | 2" | 11KB 4273P2 | (B), (K) | MH |
| RTF910 | 10 Speed | RTF11610 | #1 Alum | 2" | 11KB 4274P2 | (C) | MH |
| RTO910 | 10 Speed | RTX11610 | #1 Alum | 2" | 11KB 4251P2 | (B), (K) | RL, RS, RW, W |
| RTO910 | 10 Speed | RTX11610 | #1 Alum | 2" | 11KB 4251P3 | (A), (B), (K) | RL, RS, RW, W |
| RTO910 | 10 Speed | RTX11610 | #1 Alum | 2" | 11KB 4251P5 | (C) | RL, RS, RW, W |

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|----------------|-------------|--------------------|--------------|-----------------|---------------|--------------------|----------------------|
| RTO910 | 10 Speed | RTX11610 | #1 Steel | 2" | 11KB 4273P3 | (B), (K) | MH |
| RTO910 | 10 Speed | RTX11610 | #1 Steel | 2" | 11KB 4274P3 | (C) | MH |
| RTO910 | 10 Speed | RTX11610 | #1 Alum | 2" | 11KB 4309P3 | (C) | RWI |
| RTOF910 | 10 Speed | RTXF11610 | #1 Steel | 2" | 11KB 4221P2 | (B), (K), (*) | F, R |
| RTOF910 | 10 Speed | RTXF11610 | #1 Steel | 2" | 11KB 4234P2 | (B), (K), (***) | R, U |
| RTOF910 | 10 Speed | RTXF11610 | #1 Steel | 2" | 11KB 4273P4 | (B) | MH |
| | 10 Speed | RT12610 | #1 Steel | 2" | 11KB 4285P3 | (B), (K) | MH, R |
| | 10 Speed | RT12610 | #1 Alum | 2" | 11KB 4318 | (B), (K) | RWL, RWS |
| | 10 Speed | RTF12610 | #1 Steel | 2" | 11KB 4285 | (B), (K) | R |
| | 10 Speed | RTX12610 | #1 Steel | 2" | 11KB 4285P4 | (B), (K) | MH, R |
| | 10 Speed | RTX12610 | #1 Alum | 2" | 11KB 4327 | (B), (K) | RWL, RWS |
| | 10 Speed | RTXF12610 | #1 Steel | 2" | 11KB 4285P2 | (B), (K) | R |
| RT12510 | 10 Speed | RT14610 | #1 Steel | 2" | 11KB 4231 | (B) | R |
| RT12510 | 10 Speed | RT14610 | #1 Steel | 2" | 11KB 4252 | (B) | RL, RS, RW, W |
| RT12510 | 10 Speed | RT14610 | #1 Alum | 2" | 11KB 4252P3 | (B), (I) | RL, RS, RW, W |
| RT12510 | 10 Speed | RT14610 | #1 Alum | 2" | 11KB 4252P7 | (C) | RL, RS, RW, W |
| RT12510 | 10 Speed | RT14610 | #1 Alum | 2" | 11KB 4252P9 | (C), (I) | RL, RS, RW, W |
| RT12510 | 10 Speed | RT14610 | #1 Steel | 2" | 11KB 4268 | (C) | MH |
| RT12510 | 10 Speed | RT14610 | #1 Alum | 2" | 11KB 4311 | (C) | RWI |
| RTF12510 | 10 Speed | RTF14610 | #1 Steel | 2" | 11KB 4219P2 | (B), (*) | F, R |
| RTF12510 | 10 Speed | RTF14610 | #1 Steel | 2" | 11KB 4231P2 | (B), (***) | R |
| RTO12510 | 10 Speed | RTX14610 | #1 Steel | 2" | 11KB 4213 | (B), (*) | R, U |
| RTO12510 | 10 Speed | RTX14610 | #1 Steel | 2" | 11KB 4228 | (B), (***) | R,U |
| RTO12510 | 10 Speed | RTX14610 | #1 Alum | 2" | 11KB 4252P2 | (B) | RL, RS, RW, W |
| RTO12510 | 10 Speed | RTX14610 | #1 Alum | 2" | 11KB 4252P8 | (C) | RL, RS, RW, W |
| RTO12510 | 10 Speed | RTX14610 | #1 Alum | 2" | 11KB 4252P10 | (C), (I) | RL, RS, RW, W |
| RTO12510 | 10 Speed | RTX14610 | #1 Steel | 2" | 11KB 4265 | (C) | MH |
| RTO12510 | 10 Speed | RTX14610 | #1 Steel | 2" | 11KB 4265P3 | (A), (C) | MH |
| RTO12510 | 10 Speed | RTX14610 | #1 Alum | 2" | 11KB 4311P3 | (C) | RWI |
| RTOF12510 | 10 Speed | RTXF14610 | #1 Steel | 2" | 11KB 4213P2 | (B), (*) | R,U |
| RTOF12510 | 10 Speed | RTXF14610 | #1 Steel | 2" | 11KB 4228P2 | (B), (***) | R,U |
| RTOF12510 | 10 Speed | RTXF14610 | #1 Alum | 2" | 11KB 4228P3 | (A), (B), (***) | R,U |
| RTOF12510 | 10 Speed | RTXF14610 | #1 Alum | 2" | 11KB 4252P6 | (B) | RL, RS, RW, W |
| | 10 Speed | RT14610A | #1 Alum | 2" | 11KB 4252P5 | (B) | RWL, RWS |
| RT613 | 13 Speed | RT6613 w/CL691 | #2 Steel | 1-3/4" | 11KB 4208 | (B), (K), (**) | |
| RT613 | 13 Speed | RT6613 w/CL696 | #2 Steel | 1-3/4" | 11KB 4208P2 | (B), (K), (**) | |
| RTO613 | 13 Speed | RTO6613 w/CL693 | #2 Steel | 1-3/4" | 11KB 4208P3 | (B), (K), (**) | DM |
| RTO613 | 13 Speed | RTO6613 w/CL693 | #2 Steel | 1-3/4" | 11KB 4208P4 | (B), (K), (**) | MR |
| RT9513 | 13 Speed | RT11613 | #1 Alum | 2" | 11KB 4253P4 | (C) | RL, RS, RW, W |

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| PREVIOUS MODEL | DESCRIPTION | CURRENT MODEL | BELL HOUSING | SPLINE DIAMETER | MACK PART NO. | SEE RÉSUMÉ OPTIONS | REFERENCE MODEL ONLY |
|----------------|-------------|---------------|--------------|-----------------|---------------|--------------------|----------------------|
| RT9513 | 13 Speed | RT11613 | #1 Steel | 2" | 11KB 4290 | (B) | MH |
| RT9513 | 13 Speed | RT11613 | #1 Steel | 2" | 11KB 4296 | (C) | MH |
| RT9513 | 13 Speed | RT11613 | #1 Alum | 2" | 11KB 4299 | (C) | MH |
| RTF9513 | 13 Speed | RTF11613 | #1 Steel | 2" | 11KB 4290P6 | (B) | MH |
| RTO9513 | 13 Speed | RTO11613 | #1 Steel | 2" | 11KB 4222P2 | (B), (K), (*) | F |
| RTO9513 | 13 Speed | RTO11613 | #1 Alum | 2" | 11KB 4253P2 | (B) | RL, RS, RW, W |
| RTO9513 | 13 Speed | RTO11613 | #1 Alum | 2" | 11KB 4253P5 | (C) | RL, RS, RW, W |
| RTO9513 | 13 Speed | RTO11613 | #1 Steel | 2" | 11KB 4262 | (B), (K) | DM |
| RTO9513 | 13 Speed | RTO11613 | #1 Steel | 2" | 11KB 4290P2 | (B) | MH |
| RTO9513 | 13 Speed | RTO11613 | #1 Steel | 2" | 11KB 4296P2 | (C) | MH |
| RTOF9513 | 13 Speed | RTO11613 | #1 Alum | 2" | 11KB 4299P2 | (C) | MH |
| RTOF9513 | 13 Speed | RTOF11613 | #1 Steel | 2" | 11KB 4222P3 | (B), (K), (*) | F, R |
| RTOF9513 | 13 Speed | RTOF11613 | #1 Steel | 2" | 11KB 4262P2 | (B), (K) | |
| RTOF9513 | 13 Speed | RTOF11613 | #1 Steel | 2" | 11KB 4290P5 | (B) | MH |
| RT12513 | 13 Speed | RT14613 | #1 Steel | 2" | 11KB 4230 | (B) | DM, MH, R, RD, U |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4254 | (B) | RL, RS, RW, W |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4254P4 | (B), (I) | RL, RS, RW, W |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4254P9 | (C) | RL, RS, RW, W |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4254P11 | (C), (I) | RL, RS, RW, W |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4267 | (C) | MH |
| RT12513 | 13 Speed | RT14613 | #1 Alum | 2" | 11KB 4314 | (C) | RWI |
| RT12513 | 13 Speed | RTF14613 | #1 Steel | 2" | 11KB 4215P2 | (B) (*) | DM, R, F, RD, U |
| | 13 Speed | RTO14613 | #1 Steel | 2" | 383SH 88 | | |
| RTO12513 | 13 Speed | RTO14613 | #1 Steel | 2" | 11KB 4215P3 | (B), (*) | DM, R, F, RD, U |
| RTO12513 | 13 Speed | RTO14613 | #1 Steel | 2" | 11KB 4230P3 | (B), (***) | DM, MH, R, RD, U |
| RTO12513 | 13 Speed | RTO14613 | #1 Steel | 2" | 11KB 4230P6 | (B), (J), (***) | DM, MH, R, RD, U |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4254P2 | (B) | RL, RS, RW, W |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4254P5 | (B), (I) | RL, RS, RW, W |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4254P7 | (B), (J) | RL, RS, RW, W |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4254P10 | (C) | RL, RS, RW, W |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4254P12 | (C), (I) | RL, RS, RW, W |
| RTO12513 | 13 Speed | RTO14613 | #1 Steel | 2" | 11KB 4267P3 | (C) | MH |
| RTO12513 | 13 Speed | RTO14613 | #1 Alum | 2" | 11KB 4314P3 | (C) | RWI |
| RTOF12513 | 13 Speed | RTOF14613 | #1 Steel | 2" | 11KB 4215P4 | (B), (*) | DM, R, F, RD, U |
| RTOF12513 | 13 Speed | RTOF14613 | #1 Steel | 2" | 11KB 4230P4 | (B), (***) | DM, MH, R, RD, U |
| RTOF12513 | 13 Speed | RTOF14613 | #1 Alum | 2" | 11KB 4254P8 | (B) | RL, RS, RW, W |
| RTOF12513 | 13 Speed | RTOF14613 | #1 Steel | 2" | 11KB 4267P4 | (C) | MH |
| RTOF12513 | 13 Speed | RTOF14613 | #1 Alum | 2" | 11KB 4314P4 | (C) | RWI |
| | 13 Speed | RTOO14613 | #1 Steel | 2" | 11KB 4230P7 | (B) | DM, MH, R, RD, RWI |

FULLER TRANSMISSIONS

| PREVIOUS MODEL | DESCRIPTION | CURRENT MODEL | BELL HOUSING | SPLINE DIAMETER | MACK PART NO. | SEE RÉSUMÉ OPTIONS | REFERENCE MODEL ONLY |
|-------------------|-------------|------------------|-----------------|--------------------|------------------|--------------------------|----------------------------|
| | 13 Speed | RTOO14613 | #1 Alum | 2" | 11KB 4254P3 | (B) | RL, RS, RW, W |
| | 13 Speed | RTOO14613 | #1 Alum | 2" | 11KB 4254P6 | (B), (I) | RL, RS, RW, W |
| | 13 Speed | RT15613 | #1 Steel | 2" | 11KB 4291 | (B) | MH |
| | 13 Speed | RT15613 | #1 Alum | 2" | 11KB 4294 | (B) | MH |
| | 13 Speed | RT15613 | #1 Steel | 2" | 11KB 4297 | (C) | MH |
| | 13 Speed | RT15613 | #1 Alum | 2" | 11KB 4300 | (C) | MH |
| | 13 Speed | RTO15613 | #1 Steel | 2" | 11KB 4289M | (B) | MH (Metric) |
| | 13 Speed | RTO15613 | #1 Steel | 2" | 11KB 4291P2 | (B) | MH |
| | 13 Speed | RTO15613 | #1 Alum | 2" | 11KB 4294P2 | (B) | MH |
| | 13 Speed | RTO15613 | #1 Steel | 2" | 11KB 4297P2 | (C) | MH |
| | 13 Speed | RTO15613 | #1 Alum | 2" | 11KB 4300P2 | (C) | MH |
| | 13 Speed | RTOF15613 | #1 Steel | 2" | 11KB 4291P3 | (B) | MH, R |
| | 13 Speed | RTOF15613 | #1 Steel | 2" | 11KB 4303 | (B) | DM800 |
| RT915 | 15 Speed | RT11615 | #1 Alum | 2" | 11KB 4293P3 | (B) | MH |
| RT915 | 15 Speed | RT11615 | #1 Steel | 2" | 11KB 4305 | (B) | MH |
| RT915 | 15 Speed | RT11615 | #1 Steel | 2" | 11KB 4306 | (C) | MH |
| RT915 | 15 Speed | RT11615 | #1 Alum | 2" | 11KB 4307 | (C) | MH |
| RTF915 | 15 Speed | RTF11615 | #1 Steel | 2" | 11KB 4281 | (K) | R |
| RTO915 | 15 Speed | RTX11615 | #1 Alum | 2" | 11KB 4293P4 | (B) | MH |
| RTO915 | 15 Speed | RTX11615 | #1 Steel | 2" | 11KB 4305P2 | (B) | MH |
| RTO915 | 15 Speed | RTX11615 | #1 Steel | 2" | 11KB 4306P2 | (C) | MH |
| RTO915 | 15 Speed | RTX11615 | #1 Alum | 2" | 11KB 4307P2 | (C) | MH |
| RTOF915 | 15 Speed | RTXF11615 | #1 Steel | 2" | 11KB 4281P2 | (K) | R |
| RTOF915 | 15 Speed | RTXF11615 | #1 Steel | 2" | 11KB 4325 | (B) | R |
| RT11615 | 15 Speed | RT11715 | #1 Steel | 2" | 11KB 4341 | (B) | MH, RWI |
| RT11615 | 15 Speed | RT11715 | #1 Steel | 2" | 11KB 4342 | (C) | MH, RWI |
| RT11615 | 15 Speed | RT11715 | #1 Alum | 2" | 11KB 4343 | (B) | MH, RWI |
| RT11615 | 15 Speed | RT11715 | #1 Alum | 2" | 11KB 4344 | (C) | DM, MH, R, RD, RWI |
| RTX11615 | 15 Speed | RTX11715 | #1 Steel | 2" | 11KB 4341P2 | (B) | MH, RWI |
| RTX11615 | 15 Speed | RTX11715 | #1 Steel | 2" | 11KB 4342P2 | (C) | MH, RWI |
| RTX11615 | 15 Speed | RTX11715 | #1 Alum | 2" | 11KB 4343P2 | (B) | MH, RWI |
| RTX11615 | 15 Speed | RTX11715 | #1 Alum | 2" | 11KB 4344P2 | (C) | DM, MH, R, RD, RWI |
| RTXF11615 | 15 Speed | RTXF11715 | #1 Steel | 2" | 11KB 4341P4 | (B) | MH, RWI |
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 4212 | (B), (*) | R, RD |
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 4227 | (B), (**) | R, RD |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4256 | (B) | RL, RS |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4256P3 | (B), (I) | RL, RS |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4256P6 | (C) | RL, RS |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4256P8 | (C), (I) | RL, RS |

FULLER TRANSMISSIONS

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|----------------|-------------|---------------|--------------|-----------------|---------------|--------------------|----------------------|
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 4269P3 | (C) | MH |
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 4284 | (B) | MH |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4312 | (B) | RWI |
| RT12515 | 15 Speed | RT14615 | #1 Alum | 2" | 11KB 4313P3 | (C) | RWI |
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 4320P4 | (C) | R |
| RT12515 | 15 Speed | RT14615 | #1 Steel | 2" | 11KB 81003P2 | (A), (B), (*) | R700 |
| RTF12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4212P2 | (B), (*) | R, RD |
| RTF12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4227P2 | (B), (**) | R, RD |
| RT12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4284P2 | (B) | MH |
| RT12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4320 | (C) | R |
| RTF12515 | 15 Speed | RTF14615 | #1 Alum | 2" | 11KB 81004P3 | (B), (*) | RD |
| RTO12515 | 15 Speed | RTX14615 | #1 Steel | 2" | 11KB 4217 | (B), (*) | DM, R, RD |
| RTO12515 | 15 Speed | RTX14615 | #1 Steel | 2" | 11KB 4232 | (B), (**) | DM, R, RD |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4256P2 | (B) | RL, RS |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4256P4 | (B), (I) | RL, RS |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4256P7 | (C) | RL, RS |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4256P9 | (C), (I) | RL, RS |
| RTO12515 | 15 Speed | RTX14615 | #1 Steel | 2" | 11KB 4269 | (C) | MH |
| RTO12515 | 15 Speed | RTX14615 | #1 Steel | 2" | 11KB 4283 | (B) | MH |
| RTO12515 | 15 Speed | RTX14615 | #1 Steel | 2" | 11KB 4284P3 | (B) | RD800 |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4311P3 | (B) | RWI |
| RTO12515 | 15 Speed | RTX14615 | #1 Alum | 2" | 11KB 4313 | (C) | RWI |
| RTO12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4320P2 | (C) | R |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Steel | 2" | 11KB 4217P2 | (B), (*) | DM, R, RD |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Steel | 2" | 11KB 4232P2 | (B), (**) | DM, R, RD |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Steel | 2" | 11KB 4232P3 | (A), (B), (**) | DM, R, RD |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Alum | 2" | 11KB 4256P5 | (B) | RL, RS |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Alum | 2" | 11KB 4256P10 | (A), (B) | RL, RS |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Steel | 2" | 11KB 4283P2 | (B) | MH |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Steel | 2" | 11KB 4284P4 | (B) | RD688 |
| RTOF12515 | 15 Speed | RTXF14615 | #1 Alum | 2" | 11KB 4312P4 | (A), (B) | RWI |
| RTOF12515 | 15 Speed | RTF14615 | #1 Steel | 2" | 11KB 4320P3 | (C) | R |
| RT14615 | 15 Speed | RT14715 | #1 Steel | 2" | 11KB 4345 | (B) | DM, MH, R, RD, RWI |
| RT14615 | 15 Speed | RT14715 | #1 Steel | 2" | 11KB 4346 | (C) | MH, RWI |
| RT14615 | 15 Speed | RT14715 | #1 Alum | 2" | 11KB 4347 | (B) | MH, RWI |
| RT14615 | 15 Speed | RT14715 | #1 Alum | 2" | 11KB 4348 | (C) | MH, RWI |
| RTF14615 | 15 Speed | RTF14715 | #1 Steel | 2" | 11KB 4345P3 | (B) | DM, MH, R, RD, RWI |
| RTF14615 | 15 Speed | RTF14715 | #1 Alum | 2" | 11KB 4348P3 | (C) | MH, RWI |
| | 15 Speed | RTO14715 | #1 Steel | 2" | 383SH 108 | | |

NOTES