



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

CONTROL + CLICK ON THE LINK TO GO TO THAT SECTION OF THE CATALOG

CONVERSION CHARTS	LINK	PAGE
Fractional Inches and Millimeters to Decimal Inches	Conversion1	7
Decimal Equivalents of Millimeters	Conversion2	8
Length Calculations	Conversion3	9
Inches/Millimeters Ruler	Conversion4	9
 AXLE – FRONT		
King Pin Sets – Mack	Axle1	10
King Pin Sets – Rockwell	Axle2	11
 AXLE – REAR		
Carrier Bearing & Oil Seal Kits – Mack	Axle3	12
Power Divider Lockout	Axle4	13
Differential Gears Kit	Axle5	13
 BRAKE – LINING SETS		
Lining Sets	Brake1	14
 BRAKE OVERHAUL KITS – ROCKWELL (For 16-1/2” x 7” ‘Q’ Brakes		
Minor Overhaul Kits (w/o Brake Linings)	Brake2	17
Major Overhaul Kits	Brake3	18
Automatic Slack Adjuster Repair Kits	Brake4	18
Dura-Master Air Disc Brake Repair Kits	Brake5	18
 CAB (Please review for Service Cab Features)	ServiceCab1	
CH, CL Service Cabs	ServiceCab2	20
CH Keystone Service Cabs	ServiceCab3	22
CV Service Cabs	ServiceCab4	24
CX Service Cabs	ServiceCab5	26
CHN/CXN Service Cabs	ServiceCab6	28
CTP Service Cabs	ServiceCab7	30
DM Service Cabs	ServiceCab8	34
LE Service Cabs	ServiceCab9	36
MR Service Cabs	ServiceCab10	38
RB & RD Service Cabs	ServiceCab11	40
Air Suspended Isolated Cab Mount Kits	Cab1	42
CH Sleeper Box Mounting Bracket Kits & Closure Kits	Cab2	42
CX & CH Keystone Interior w/1QS51122M Cab	Cab3	42
CH, CL, CX Sleeper Boxes	Cab4	42
Sleeper Box Shell w/o Roof & Floor	Cab5	45
Current Service Doors	Cab6	46
High Visibility Door Shells	Cab7	47
Current Window Regulators	Cab8	48

CAB (continued)	LINK	PAGE
Air Window Lift & Air Door Lock Kits	Cab9	48
Air Horns	Cab10	49
Air Conditioning Kits for MR & LE	Cab11	49
Air Conditioning Kits for Mid-Liner (Red Dot)	Cab11	49
Air Conditioning Retrofit Kits	Cab13	50
Interior Grooming Kits	Cab14	50
Tool Kit	Cab15	50
Wiper Kit	Cab16	50
Interior Sun Visors	Cab17	50
Exterior Sun Visor Kits	Cab18	51
Standard Mirrors	Cab19	51
“Bulldog” Mirrors (Mack)	Cab20	51
Mirror Bracket Kits	Cab21	52
Fender Mirror Kit	Cab22	52
Under Cab Thermal Kit	Cab23	52
Air Deflector Kits	Cab24	53
Carpet Kits/Floor Mats	Cab25	53
CH Roof Fairing Kits	Cab26	53
CH Fog Lamp Kits	Cab27	53
CH Keystone Fog Lamp Kits	Cab28	54
CX Fog Lamp Kits	Cab29	54
Cab Foot Control	Cab30	54
Co-Pilot	Cab31	54
HARDWARE	Hardware	54
TOOL KIT	ToolKit	54
ENGINE		
Bearing Kits, Engine Main	Engine1	55
Bearing Pairs, Connecting Rod	Engine2	56
Gasket Sets – Engine	Engine3	57
ESI Engine Conversion Kits	Engine4	59
Aset Filter Kits	Engine5	59
ESI Plus Filter Kits	Engine6	59
MP7/MP8 Filter Service Kit	Engine7	59
Injection Pump Drive Kit	Engine8	59
Fuel Pro-Fuel Water Separator	Engine9	60
Rear Engine Insulator Kits	Engine10	60
Water Pump Gasket Kits	Engine11	60
Water Pump Repair Kits	Engine12	60
Cylinder Head Gasket Kits	Engine13	61
Bright Finished Cylinder Head Covers for Limited Edition Elite CL	Engine14	61
Turbo Mounting Kit	Engine15	62
Cylinder Liner Gasket Kit	Engine16	62

ENGINE (continued)	LINK	PAGE
Inlet/Exhaust Manifold Gasket Kit	Engine17	62
Rear Engine PTO	Engine18	62
Fuel Water Separator	Engine19	62
Holset Compressor	Engine20	62
CMCAC Kit	Engine21	62
Conversion Kit V-MAC I – V-MAC II	Engine22	62
Electronic Unit Pump O-Ring Kit	Engine23	63
Oil Lube Kits	Engine24	63
Thermostat Kits	Engine25	63
Jake Brake Kits	Engine26	63
Cylinder Rebuild Kits	Engine27	65
Engine Overhaul Kits	Engine28	68
Muzzle® Loaders	Engine29	68
Muzzle® Loader Overhaul Kits®	Engine30	69
Exhaust Manifold Kits – E6 & E7	Engine31	70
Stud, Exhaust, Manifold Kits	Engine32	70
Oil Cooler Gasket Kit	Engine33	70
Rear Engine Insulators	Engine34	70
Oil Cooler & Water Pump Inlet Tube Replacement Kits	Engine35	70
Camshaft Kits	Engine36	71
Bearing Shell Kit – Camshaft	Engine37	71
Thrust Washer Service Assembly, Center Main Bearing	Engine38	71
Camshaft Bushing Kits	Engine39	72
Auxiliary Shaft Bushing Kits	Engine40	72
Crankshaft Kits	Engine41	72
Piston Ring Kit	Engine42	72
Shims, Cylinder Liner	Engine43	73
Short Block Assembly	Engine44	75
History of Oil Pans	Engine45	75
History of TimingGear Covers	Engine46	75
Basic or ¾ Engine Service Assembly	Engine47	75
Mid-Liner Vehicle Data	Engine48	92
Mid-Liner Remanufactured Basic Engines: MS200/250/300	Engine49	97
Mid-Liner Remanufactured Basic Engines: CS200/250/300	Engine50	98
FRAME	Frame1	99
Request for Frame Rails (Sample Form)	Frame2	100
DRIVELINE		
Universal Joints (Wing Type)	Driveline1	101
DRIVE SHAFT		
Universal Joint Kits	DriveShaft1	102

STEERING

Joints Kits – Steering Shaft	Steering1	103
Steering Gear Input Shaft Seal Kit	Steering2	103
Drag Link Repair Kits	Steering3	103
Bearing Cap Shaft Kit	Steering4	103
Power Steering Retrofit Kit	Steering5	103
Cross Steering Tube Engine Repair Kit	Steering6	103

CLUTCH CABLE

ClutchCable	104
-----------------------------	-----

TRANSMISSION KITS

Bearing & Oil Seal Kits – Mack Transmission	Trans1	105
Snap Ring Set	Trans2	105
Shim Kits	Trans3	105
Mid-Liner (CS-MS 200-250)	Trans4	106
Transmission Air Shift Cover O-Ring Kit	Trans5	106
T200 Short Compound Shaft Cover O-Ring Kit	Trans6	106
T200 Long Compound Shaft Cover O-Ring Kit	Trans7	106
T300 Compound Shaft Cover O-Ring Kit	Trans8	106
Transmission Oil Cooler Kits	Trans9	106
Mack Synchronizer Kit	Trans10	106
Shift Valve Interlock Kit	Trans11	106
Fuller Transmissions Kits	Trans12	106
Spicer Transmissions (Main) Kits	Trans13	107
Spicer Transmissions (Auxiliary) Kits	Trans14	107

GASKET SETS – TRANSMISSION

Mack Transmissions	Gasket1	108
Fuller Transmissions	Gasket2	108
Gasket Kit Auxiliary – Fuller	Gasket3	108
Spicer Transmissions (Main Kits)	Gasket4	109
Spicer Transmissions (Auxiliary Kits)	Gasket5	109

TRANSMISSION – BASIC OVERHAUL KITS

Fuller Transmissions	TransOH1	109
Basic Rebuild Kits – Fuller Transmission	TransOH2	109
Major & Minor Overhaul Kits – Spicer Transmission	TransOH3	113
Fuller Transmissions	TransOH4	115

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

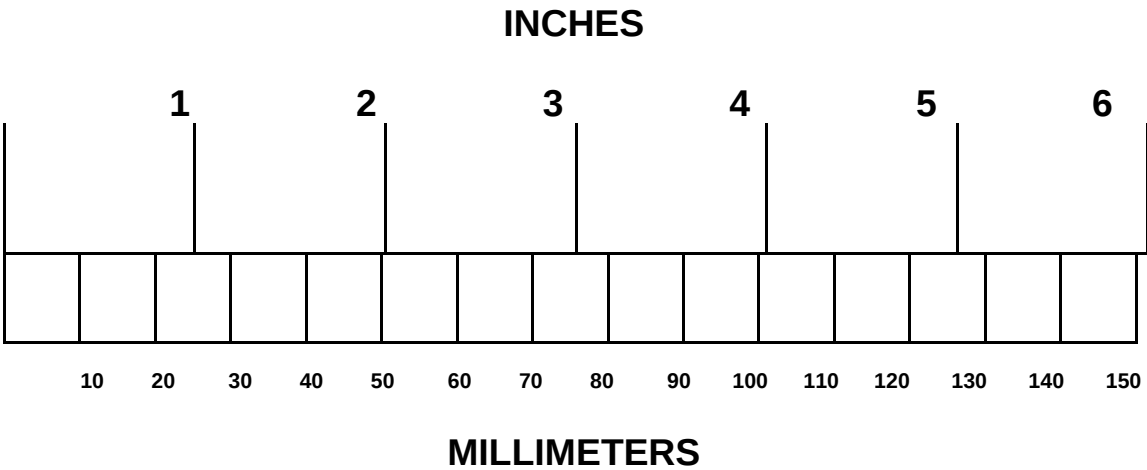
DECIMAL EQUIVALENTS OF MILLIMETERS

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.	DELRIN 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.	DELRIN 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 .715/.840	7 21/32-ANC 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 .715/.840	8 3/8
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

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

BRAKE – LINING SETS

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”.)

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.

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

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 VMAC level and CMAC),
 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,	L.H. Steel (F1)		31QS 5161B
RWL, RWS	L.H. Steel		31QS 597A
DM, DMM, F, FM, R, RD, RM,	R.H. Steel (F1)		31QS 5160BP5
RL, RS, RWL, RWS, U	R.H. Steel		31QS 596AP6
LE	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	R.H. Steel	***2QX 71(F3)	(F2) 1QX 5139M2
Non-visibility Door		****2QX 73(F4)	
CH Keystone, CX		NLA	1QX 5139M2
Non-visibility Door			
CH, CL w/o Peep Window	R.H. Fiberglass	NLA	NLA
CH, CL w/o Peep Window	R.H. Steel	***2QX71P3(F3)(F4)	(F2) 1QX 5139M
Non-visibility Door		****2QX 73P3(F3)(F4)	
CH Keystone, CX	R.H.	NLA	1QX 5139M
Non-visibility Door			
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	L.H.	NLA	1QX 5140M
Non-visibility Door			
CH, CL w/ Vent or Peep	L.H. Fiberglass	NLA	NLA
CH, CL w/Vent or Peep	L.H. Steel	***2QX 72P3(F3)	1QX 5140M2
Non-visibility Door		****2QX 74P3(F3)	

* 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.

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

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 KIT
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 Thermoswitch

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	E7 w/long shaft – 469GC 254AM	
Services:	316GC 4110BM	
	316GC 4111BM	
	316GC 4114M	
	316GC 552M series	
	316GC 553AM	
	316GC 556M	
57GC 2202A	E7 water pumps w/short shaft	
Services:	316GC 551AM series	Service Pump 316GC 284C
	316GC 548DM series	
	316GC 559AM series	
	316GC 4109CM series	
	316GC 565M series – service pump 316GC 3194	
57GC 2203	E7 water pumps w/long shaft	
Services:	316GC 552AM series	Service Pump 316GC 3195
	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	

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)

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.

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

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
----------	---------------------------------------

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.

ENGINE

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				
ETX675		Model Replaced by EMC6-250 Without Dynatard Brake				
ETXB675		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				
ETX676B		Model Replaced by EMC6-285 With Dynatard Brake				
ETX676A		Model Replaced by EMC6-285R Without Dynatard Brake				
ETX676B		Model Replaced by EMC6-285R With Dynatard Brake				
ETZ676		Model Replaced by EM6-285 Without Dynatard Brake				
ETZ676B		Model Replaced by EM6-285 With Dynatard Brake				
ETZ676A		Model Replaced by EM6-285R Without Dynatard Brake				
ETZ676B		Model Replaced by EM6-285R With Dynatard Brake				
ETX677		Model Replaced by EC6-330 Without Dynatard Brake				
ETX677B		Model Replaced by EC6-330 With Dynatard Brake				
ETZ677		Model Replaced by E6-350 (2VH) Without Dynatard Brake				
ETZ677B		Model Replaced by E6-350 (2VH) With Dynatard Brake				
ETZ677A		Model Replaced by BY E6-350R Without Dynatard Brake				
ETZ677B		Model Replaced by E6-350R With Dynatard Brake				
END707	(G)	11GB58285B				239GB1884B*
END707	(G)	11GB58285B				239GB1884B*
END711	(G)	11GB58285B				239GB1884B*
END711A	(G)	11GB58285B				239GB1884B*
END711B	(G)	11GB58285B				239GB1884B*
END711C	(G)	11GB58285B				239GB1884B*
END711	(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.

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
E7-250 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.**

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)
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.***

ENGINE

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

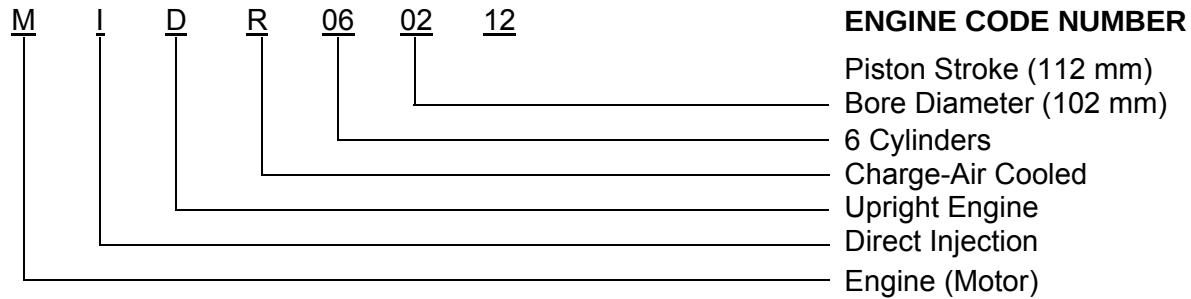
P = Platform

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

M	I	D	S	06	20	30	J	(FEDERAL)	ENGINE CODE NUMBER
									Piston Stroke (130 mm) (5.12 in.)
									Bore Diameter(120 mm) (4.72 in.)
									6 Cylinders
									Turbocharged
									Upright Engine
									Direct Injection
									Engine (Motor)

FOR MIDS 06.20.30K

M	I	D	S	06	20	30	K	(FEDERAL)	ENGINE CODE NUMBER
									Piston Stroke (130 mm) (5.12 in.)
									Bore Diameter(120 mm) (4.72 in.)
									6 Cylinders
									Turbocharged
									Upright Engine
									Direct Injection
									Engine (Motor)

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

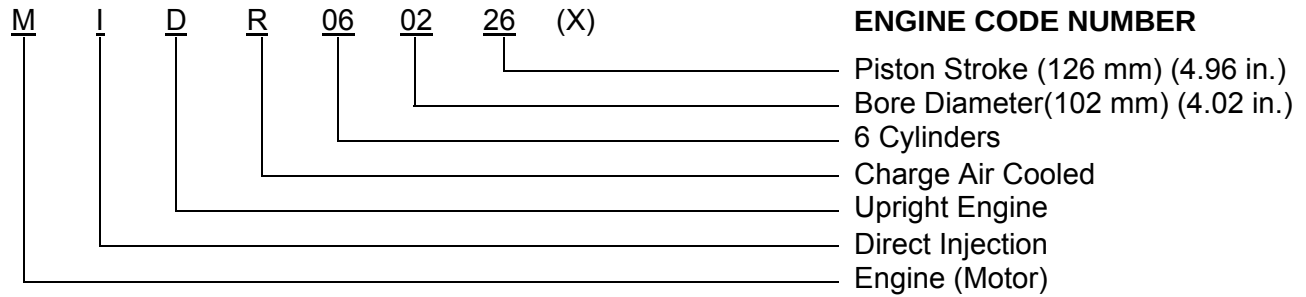
4103-5600117544	CS 200/250	Eng. Production	8/90
	* CS 200/250	Eng. Production	9/90 TO 12/90
NLA	CS 300	Eng. Production	8/90
	* CS 300	Eng. Production	9/90 TO 12/90
NLA	CS 200/250	Eng. Production	1/91 to 12/92
4103-5600117604	CS 300	Eng. Production	1/91 to 12/92
4103-5600117624(L2)	CS 200/250	Eng. Production	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.

<u>CLUTCH CABLE</u>

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

TRANSMISSION KITS

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

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.

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.

TRANSMISSION – BASIC OVERHAUL KITS

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.

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

FULLER TRANSMISSIONS

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

FULLER TRANSMISSIONS

PREVIOUS MODEL	DESCRIPTION	CURRENT MODEL	BELL HOUSING	SPLINE DIAMETER	MACK PART NO.	SEE RÉSUMÉ OPTIONS	REFERENCE MODEL ONLY
	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

FULLER TRANSMISSIONS

PREVIOUS MODEL	DESCRIPTION	CURRENT MODEL	BELL HOUSING	SPLINE DIAMETER	MACK PART NO.	SEE RÉSUMÉ OPTIONS	REFERENCE MODEL ONLY
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

FULLER TRANSMISSIONS

PREVIOUS MODEL	DESCRIPTION	CURRENT MODEL	BELL HOUSING	SPLINE DIAMETER	MACK PART NO.	SEE RÉSUMÉ OPTIONS	REFERENCE MODEL ONLY
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

FULLER TRANSMISSIONS

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	RT0014613	#1 Alum	2"	11KB 4254P3	(B)	RL, RS, RW, W
	13 Speed	RT0014613	#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	RT015613	#1 Steel	2"	11KB 4289M	(B)	MH (Metric)
	13 Speed	RT015613	#1 Steel	2"	11KB 4291P2	(B)	MH
	13 Speed	RT015613	#1 Alum	2"	11KB 4294P2	(B)	MH
	13 Speed	RT015613	#1 Steel	2"	11KB 4297P2	(C)	MH
	13 Speed	RT015613	#1 Alum	2"	11KB 4300P2	(C)	MH
	13 Speed	RT0F15613	#1 Steel	2"	11KB 4291P3	(B)	MH, R
	13 Speed	RT0F15613	#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
RT0915	15 Speed	RTX11615	#1 Alum	2"	11KB 4293P4	(B)	MH
RT0915	15 Speed	RTX11615	#1 Steel	2"	11KB 4305P2	(B)	MH
RT0915	15 Speed	RTX11615	#1 Steel	2"	11KB 4306P2	(C)	MH
RT0915	15 Speed	RTX11615	#1 Alum	2"	11KB 4307P2	(C)	MH
RT0F915	15 Speed	RTXF11615	#1 Steel	2"	11KB 4281P2	(K)	R
RT0F915	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

PREVIOUS MODEL	DESCRIPTION	CURRENT MODEL	BELL HOUSING	SPLINE DIAMETER	MACK PART NO.	SEE RÉSUMÉ OPTIONS	REFERENCE MODEL ONLY
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
