
TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

5-TON, 6X6, M809 SERIES (DIESEL)

Model		NSN Without Winch	NSN With Winch
TRUCK, CHASSIS	M810	2320-00-051-0586	
TRUCK, CHASSIS	M810		2320-00-051-0585
TRUCK, CHASSIS, ROCKET LAUNCHER	M812A1		2320-00-050-9040
TRUCK, CARGO	M813	2320-00-050-8902	
TRUCK, CARGO	M813		2320-00-050-8890
TRUCK, CARGO	M813A1	2320-00-050-8913	
TRUCK, CARGO	M813A1		2320-00-050-8905
TRUCK, CARGO	M814	2320-00-050-8988	
TRUCK, CARGO	M814		2320-00-050-8987
TRUCK, BOLSTER LOGGING	M815		2320-00-050-8927
TRUCK, WRECKER, MEDIUM	M816		2320-00-051-0489
TRUCK, DUMP	M817	2320-00-050-8970	
TRUCK, DUMP	M817		2320-00-051-0589
TRUCK, TRACTOR	M818	2320-00-050-8984	
TRUCK, TRACTOR	M818		2320-00-050-8978
TRUCK, TRACTOR, WRECKER	M819		2320-00-050-9004
TRUCK, VAN, EXPANSIBLE	M820	2320-00-050-9006	
TRUCK, VAN, EXPANSIBLE	M820A1	2320-00-050-9007	
TRUCK, VAN, EXPANSIBLE	M820A2	2320-00-050-9010	
TRUCK, STAKE, BRIDGE TRANSPORTING	M821		2320-00-050-9015

* Supersedes TM 9-2320-260-34P/1, 14 May 73
Approved for Public Release: Distribution is Unlimited

HEADQUARTERS, DEPARTMENT OF THE ARMY JANUARY 1992

TECHNICAL MANUAL
NO. 9-2320-280-34P-1

TECHNICAL ORDER

NO. 36A12-1C-382-1

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D. C., 15 January 1992

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
5-TON, 6X6, M809 SERIES (DIESEL)**

Model		NSN Without Winch	NSN With Winch
TRUCK CHASSIS	M810	2320-00-051-0586	
TRUCK CHASSIS	M810		2320-00-051-0585
TRUCK, CHASSIS, ROCKET LAUNCHER	M812A1		2320-00-050-9040
TRUCK CARGO	M813	2320-00-050-8902	
TRUCK, CARGO	M813		2320-00-050-8890
TRUCK, CARGO	M813A1	2320-00-050-8913	
TRUCK, CARGO	M813A1		2320-00-050-8905
TRUCK, CARGO	M814	2320-00-050-8988	
TRUCK CARGO	M814		2320-00-050-8987
TRUCK, BOLSTER LOGGING	M815		2320-00-050-8927
TRUCK, WRECKER, MEDIUM	M816		2320-00-051-0489
TRUCK DUMP	M817	2320-00-050-8970	
TRUCK, DUMP	M817		2320-00-051-0589
TRUCK, TRACTOR	M818	2320-00-050-8984	
TRUCK, TRACTOR	M818		2320-00-050-8978
TRUCK, TRACTOR, WRECKER	M819		2320-00-050-9004
TRUCK VAN, EXPANSIBLE	M820	2320-00-050-9006	
TRUCK, VAN, EXPANSIBLE	M820A1	2320-00-050-9007	
TRUCK, VAN, EXPANSIBLE	M820A2	2320-00-050-9010	
TRUCK, STAKE, BRIDGE TRANSPORTING	M821		2320-00-050-9015

Current as of July 1991

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Tank-Automotive Command, ATTN:AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

Approved for Public Release: Distribution is Unlimited.

* This manual supersedes TM 9-2320-260-34P/1, 14 May 73

NOTE

The last figure number contained in this publication is figure 295.
The first figure number in TM 9-2320-260-34P-2 is figure 296.

TABLE OF CONTENTS **VOLUME 1 OF 2**

	Page	Illus. Figure
Section I INTRODUCTION	1	1
Section II REPAIR PARTS LIST.	1-1	
Group 01 ENGINE	1-1	1
0100 Engine and Container Assembly.	1-1	1
0100 Engine Mounts	2-1	2
0100 Engine Lifting Bracket	3-1	3
0101 Cylinder Block Assembly	4-1	4
0101 Cylinder Head Assembly, Gasket, and Mounting Hardware.	5-1	5
0101 Engine Access Cover	6-1	6
0102 Crankshaft, Damper, Gear, Seals, and Main Bearings	7-1	7
0103 Flywheel Gear Assembly and Housing.	8-1	8
0103 Camshaft Rear Cover	9-1	9
0104 Piston and Rod Assembly	10-1	10
0105 Front Gear Cover Assembly	11-1	11
0105 Camshaft, Gear, and Related Parts	12-1	12
0105 Camshaft Bearings	13-1	13
0105 Cam Follower Housing and Push Rods	14-1	14
0105 Valve Springs, Guides, and Crossheads	15-1	15
0105 Rocker Levers and Housing Assembly	16-1	16
0105 Rocker Lever Housing Covers and Breather	17-1	17
0106 Lubricating Oil Filter	18-1	18
0106 Lubricating Oil Pump Assembly and Mounting Hardware.. . . .	19-1	19
0106 Engine Oil Scavenger Pump Lines and Fittings	20-1	20
0106 Oil Dipstick and Tube	21-1	21
0106 Oil Pan, Aerator, and Related Parts.	22-1	22
0106 Engine Draft Tube and Mounting Hardware	23-1	23
0106 Engine Oil Cooler Assembly and Cover	24-1	24
0108 Air Intake Manifold and Mounting Hardware.	25-1	25
0108 Exhaust Manifold and Mounting Hardware.	26-1	26
0109 Accessory Drive, Pulley, and Related Parts	27-1	27
Group 02 CLUTCH		
0200 Clutch Assembly, Housing, and Related Parts	28-1	28
0202 Clutch Linkage and Pedal.	29-1	29
Group 03 FUEL SYSTEM		
0301 Fuel Injector Assembly and Related Parts	30-1	30
0302 Fuel Pump Assembly, AFC, and Mounting Hardware	31-1	31
0302 Fuel Pump Cover, Tachometer Drive Assembly, AFC, and Mounting Hardware	32-1	32
0302 Fuel Pump Housing, AFT	33-1	33
0302 Fuel Pump Damper and Mounting Hardware.	34-1	34
0302 Fuel Gear Pump Assembly and Mounting Hardware.	35-1	35
0302 Fuel Pump Assembly with VS Governor.	36-1	36
0302 Fuel Pump Cover, Tachometer Drive Assembly, VS, and Mounting Hardware	37-1	37
0302 Fuel Pump Housing, VS	38-1	38
0304 Air Cleaner Indicator and Related Parts	39-1	39
0304 Air Cleaner Assembly	40-1	40
0306 Fuel Crossover, Drain, and By-Pass Tubing	41-1	41
0306 Fuel Tank Mounting, Single Tank, L. H. Side	42-1	42
0306 Fuel Tank Mounting, Single Tank, R. H. Side	43-1	43

TABLE OF CONTENTS - Continued

	Page	illus. Figure
0306 Dual Fuel Tank Mounting (622)	44-1	44
0306 Dual Fuel Tank Mounting (623, 624, 627, 633, 634, 635)	45-1	45
0306 Single Fuel Tank Vent Lines, L.H. Side	46-1	46
0306 Single Fuel Tank Supply and Return Lines, L.H. Side.	47-1	47
0306 Single Fuel Tank Vent Lines, R.H. Side	48-1	48
0306 Single Fuel Tank Supply and Return Lines, R.H. Side.	49-1	49
0306 Single Fuel Tank Supply Line, R. H. Side	50-1	50
0306 Single Fuel Tank Return Line, R, H. Side	51-1	51
0306 Dual Fuel Tank Vent Lines	52-1	52
0306 Dual Fuel Tank Front Supply and Return Lines.	53-1	53
0306 Dual Fuel Tank Supply and Return Lines, L.H. Side.	54-1	54
0306 Dual Fuel Tank Supply and Return Lines, R.H. Side.	55-1	55
0306 Dual Fuel Tank Supply and Return Lines, L.H. Side.	56-1	56
0306 Dual Fuel Tank Supply and Return Lines, R.H. Side.	57-1	57
0306 Fuel Tank Selector Valve Assembly	58-1	58
0306 Fuel Tank Assemblies	59-1	59
0306 Fuel Tank Protector Plate and Mounting Hardware	60-1	60
0308 Fuel Pump Governor, AFC	61-1	61
0308 Fuel Pump Spring Pack, AFC.	62-1	62
0308 Fuel Pump Governor, VS.....	63-1	63
0308 Fuel Pump Lower Spring Pack, VS	64-1	64
0308 Fuel Pump Upper Spring Pack, VS	65-1	65
0308 Fuel Pump Governor and Mounting Hardware.	66-1	66
0308 Damper Assembly	67-1	67
0308 Governor Piping	68-1	68
0308 Power Divider Governor Piping Valve	69-1	69
0308 Governor Piping Control Valve	70-1	70
0309 Fuel Filter, Water Separator Assembly, and Mounting Hardware.	71-1	71
0309 Fuel Pump Filter, AFT!	72-1	72
0309 Fuel Pump Filter, VS.....	73-1	73
0309 Fuel Pump Filter, MVS	74-1	74
0311 Glow Plug, Injector Nozzle, and Cold Start Indicator Lamp	75-1	75
0311 Cold Start Pump and Piping.. . . .	76-1	76
0311 Cold Start Switch and Gage.	77-1	77
0311 Cold Start Resistor and Relay	78-1	78
0312 Accelerator Control and Linkage	79-1	79
Group 04 EXHAUST SYSTEM		
0401 Vertical Exhaust System	80-1	80
0401 Horizontal Exhaust System.	81-1	81
Group 05 COOLING SYSTEM		
0501 Radiator Hoses and Mounting Hardware	82-1	82
0501 Radiator Assembly	83-1	83
0501 Surge Tank Assembly, Hoses, and Mounting Hardware.	84-1	84
0502 Fan Shroud, Baffles, and Shields.	85-1	85
0503 Thermostat, Housing, Seal, and Mounting Hardware	86-1	86
0503 Water Manifold, Cover, and Mounting Hardware	87-1	87
0503 Air Compressor Coolant Lines and Related Parts	88-1	88
0504 Water Pump Assembly, Seals, Belt, and Mounting Hardware.	89-1	89
0505 Fan, Bracket, Hub Assembly, Belts, and Mounting Hardware	90-1	90

TABLE OF CONTENTS - Continued

	Page	illUs. Figure
Group 06 ELECTRICAL SYSTEM		
0601 Alternator Assembly, Belts, Pulleys, and Mounting Hardware	91-1	91
0603 Starter Motor Assembly and Mounting Hardware	92-1	92
0606 Oil Pressure Lockout Switch, Shutdown Valve Assembly, and Mounting Hardware	93-1	93
0607 Instrument Panel, Ignition, Light, Auxiliary Switches, and Mounting Hardware	94-1	94
0607 Fuel Gage and Auxiliary Fuel Switches	95-1	95
0607 Instrument Cluster Assembly	96-1	96
0607 Circuit Breakers	97-1	97
0607 Auxiliary Power Receptacle Assembly	98-1	98
0608 Control Unit and Directional Flasher	99-1	99
0608 Protective Control Box, High Beam Switch, and Mounting Hardware	100-1	100
0608 Brake Lock and Warning Signal Flasher	101-1	101
0608 Floodlight Switch	102-1	102
0609 Taillight Assembly and Mounting Hardware	103-1	103
0609 Front Composite Light and Mounting Brackets	104-1	104
0609 Blackout Lamp and Headlight	105-1	105
0609 Warning Signal Lamp Assembly and Mounting Brackets	106-1	106
0609 Taillight Brackets and Mounting Hardware	107-1	107
0609 Side Marker Light Assembly	108-1	108
0609 Floodlight Assembly	109-1	109
0610 Temperature Transmitter, Warning Light, Pressure Switches, Low Air-Pressure Buzzer, and Fuel Level Transmitter	110-1	110
0611 Horn Assembly and Mounting Hardware	111-1	111
0611 Horn Button Assembly	112-1	112
0611 Horn Cover Assembly, Brush, and Related Parts	113-1	113
0612 Batteries, Cables, and Terminal Clamps	114-1	114
0612 Battery Box Assembly, Cover, and Mounting Hardware	115-1	115
0612 Slave Receptacle and Mounting Hardware	116-1	116
0613 Front Wiring Harness Assembly	117-1	117
0613 Front Wiring Harness-Partial View	118-1	118
0613 Front Wiring Harness-Partial View	119-1	119
0613 Front Wiring Harness-Partial View	120-1	120
0613 Rear Wirng Harness, Wrecker (Sheet 1 of 2)	121-1	121
0613 Rear Wirng Harness, Wrecker (Sheet 2 of 2)	121-1	121
0613 Rear Wiring Harness, Bridge Transport (Sheet 1 of 2)	122-1	122
0613 Rear Wiring Harness, Bridge Transport (Sheet 2 of 2)	122-1	122
0613 Rear Wiring Harness, Chassis (Sheet 1 of 2)	123-1	123
0613 Rear Wirng Harness, Chassis (Sheet 2 of 2)	123-1	123
0613 Rear Wiring Harness, Van (Sheet 1 of 2)	124-1	124
0613 Rear Wiring Harness, Van (Sheet 2 of 2)	124-1	124
0613 Rear Wiring Harness, Dump (Sheet 1 of 2)	125-1	125
0613 Rear Wiring Harness, Dump (Sheet 2 of 2)	125-1	125
0613 Rear Wiring Harness, Tractor (Sheet 1 of 2)	126-1	126
0613 Rear Wiring Harness, Tractor (Sheet 2 of 2)	126-1	126
0613 Rear Wiring Harness, Cargo (Sheet 1 of 2)	127-1	127
0613 Rear Wiring Harness, Cargo (Sheet 2 of 2)	127-1	127
0613 Rear Wiring Harness, Bolster Logger and Cargo (Sheet 1 of 2)	128-1	128
0613 Rear Wiring Harness, Bolster Logger and Cargo (Sheet 2 of 2)	128-1	128
0613 Rear Wiring Harness, Tractor Wrecker (Sheet 1 of 2)	129-1	129

TABLE OF CONTENTS - Continued

	Page	illus. Figure
0613 Rear Wiring Harness, Tractor Wrecker (Sheet 2 of 2)	129-1	129
0613 Rear Wiring Harness, Chassis (Sheet 1 of 2).	130-1	130
0613 Rear Wiring Harness, Chassis (Sheet 2 Of 2).	130-1	130
0613 Accessory Wiring Harness, Wrecker.	131-1	131
0613 Intervehicular Wiring Harness Assembly.. . . .	132-1	132
0613 Wrecker Crane Wiring Leads and Harness...	133-1	133
Group 07 TRANSMISSION		
0700 Transmission and Container Assembly	134-1	134
0700 Transmission Case and Related Parts	135-1	135
0701 Transmission Synchronizers, Input, and Output Shaft.	136-1	136
0701 Transmission Countershaft, Idler Shaft, and Gears.	137-1	137
0704 Transmission Shifter Housing, Shafts, and Forks	138-1	138
0704 Transmission Twin Poppet Valve Assembly	139-1	139
0704 Transmission Gear Shift Lever Assembly	140-1	140
Group 08 TRANSFER CASE		
0801 Transfer and Container Assembly	141-1	141
0801 Transfer Mounting Hardware	142-1	142
0801 Transfer Case Covers, Cap, and Seal Assembly.	143-1	143
0801 Transfer Clutch and Input Shaft	144-1	144
0801 Transfer Cover and Housing Assembly, Gaskets, and Access Plates	145-1	145
0801 Transfer Intermediate Shaft and Related Parts	146-1	146
0801 Transfer Output Shafts and Bearings	147-1	147
0803 Transfer Shift Mechanisms.. . . .	148-1	148
0803 Transfer Declutch Piping	149-1	149
0803 Transfer Transmission Controls.	150-1	150
Group 09 PROPELLER SHAFTS		
0900 Propeller Shaft Assembly, Front Axle to Transfer Shaft, and Forward-Rear Axle to Rear-Rear Axle (Dana) (Sheet 1 of 2).	151-1	151
0900 Propeller Shaft Assembly, Front Axle to Transfer Shaft, and Forward-Rear Axle to Rear-Rear Axle (Mechanic's) (Sheet 2 of 2).	151-1	151
0900 Propeller Shaft Assembly, Transmission to Transfer Shaft (Dana) (Sheet 1 of 2)	152-1	152
0900 Propeller Shaft Assembly, Transmission to Transfer Shaft (Mechanic's) (Sheet 2 of 2)	152-1	152
0900 Propeller Shaft Assembly Transfer to Center Bearing and Center Bearing Assembly (Dana) (Sheet 1 of 2)	153-1	153
0900 Propeller Shaft Assembly, Transfer to Center Bearing and Center Bearing Assembly (Mechanic's) (Sheet 2 of 2)	153-1	153
0900 Propeller Shaft Assembly, Transfer to Forward-Rear Axle and Center Bearing to Forward-Rear Axle (Dana) (Sheet 1 of 2).	154-1	154
0900 Propeller Shaft Assembly. Transfer to Forward-Rear Axle and Center Bearing to Forward-Rear Axle (Mechanic's) (Sheet 2 of 2).	154-1	154
Group 10 FRONT AXLE		
1000 Front Axle Assembly and Axle Housing Assembly.	155-1	155
1002 Front Axle Differential Assembly and Mounting Hardware	156-1	156
1002 Front Axle Differential Carrier Assembly and Covers	157-1	157
1002 Front Axle Differential Through Shaft, Gears, and Flange Assemblies	158-1	158

TABLE OF CONTENTS - Continued

	Page	illUs. Figure
1002 Front Axle Differential Helical Drive Pinion and Related Parts.	159-1	159
1004 Spindle Shaft Assembly, Universal Shaft, and Knuckle Assembly	160-1	160
Group 11 REAR AXLE		
1100 Rear Axle Assembly and Axle Housing Assembly	161-1	161
1102 Rear Axle Differential Assembly and Mounting Hardware.	162-1	162
1102 Rear Axle Differential Carrier Assembly, Access Covers, and Related Parts	163-1	163
1102 Rear Axle Differential Through Shaft, Gears, and Flange Assemblies	164-1	164
1102 Rear Axle Differential Helical Drive Pinion and Related Parts.	165-1	165
Group 12 BRAKES		
1201 Parking Brake Lever Assembly and Mounting Hardware	166-1	166
1201 Parking Brake Cable and Mounting Hardware.	167-1	167
1201 Parking Brake Shoe Assembly, Drum, Dust Shield, and Related Parts	168-1	168
1202 Service Brakes, Front and Rear.	169-1	169
1202 Service Brake Mounting Plate Assembly	170-1	170
1204 Front Axle Service Brake Hydraulic Lines and Mounting Hardware	171-1	171
1204 Center Service Brake Hydraulic Line and Mounting Hardware	172-1	172
1204 Center Service Brake Hydraulic Line and Mounting Hardware	173-1	173
1204 Center Service Brake Hydraulic Line and Mounting Hardware (621).	174-1	174
1204 Center Service Brake Hydraulic Line and Mounting Hardware (622, 636)	175-1	175
1204 Rear Axle Service Brake Hydraulic Line and Mounting Hardware.	176-1	176
1204 Air Pack and Cylinder Assembly with Drain Tube.	177-1	177
1204 Air Pack Mounting Hardware	178-1	178
1204 Air Pack Assembly	179-1	179
1204 Hydraulic Brake Master Cylinder, Wheel Cylinder, and Mounting Hardware	180-1	180
1206 Brake Pedal Assembly and Linkage.	181-1	181
1208 Front Service Air Line, Half Coupling, and Fittings	182-1	182
1208 Front Emergency Air Line, Half Coupling, and Fittings	183-1	183
1208 Emergency Air Supply Line, Left Side (634, 635, 636).	184-1	184
1208 Emergency Air Supply Line, Left Side	185-1	185
1208 Service Air Supply Lines, Air Compressor to Air Pack.	186-1	186
1208 Air Manifold, Breather Valve, and Windshield Wiper Air Supply Lines.	187-1	187
1208 Air Supply Lines, Double Check Valve Air Pack	188-1	188
1208 Air Supply Lines, Double Check Valve to Air Pack (634, 635, 636)	189-1	189
1208 Air Supply Lines, Air Reservoir to Transfer Declutch Line.	190-1	190
1208 Air Supply Lines, Air Reservoir to Transfer Declutch Line (621)	191-1	191
1208 Air Supply Lines, Air Reservoir to Transfer Declutch Line (622, 636).	192-1	192
1208 Air Supply Lines, Air Reservoir to Transfer Declutch Line (634, 635).	193-1	193
1208 Service and Emergency Air Lines, Center, and Mounting Hardware.	194-1	194
1208 Service and Emergency Air Lines, Center, and Mounting Hardware.	195-1	195
1208 Service and Emergency Air Lines, Center, and Mounting Hardware (622)	196-1	196
1208 Service and Emergency Air Lines, Center, and Mounting Hardware (634, 635)	197-1	197
1208 Service, Emergency, and Crossover Air Lines, Center, and Mounting Hardware	198-1	198
1208 Rear Emergency Half Coupling and Air Line	199-1	199

TABLE OF CONTENTS - Continued

	Page	illus. Figure
1208 Rear Service Half Coupling and Air Line	200-1	200
1208 Rear Emergency Half Coupling and Air Line	201-1	201
1208 Rear Service Half Coupling and Air Line	202-1	202
1208 Rear Emergency Half Coupling and Air Line	203-1	203
1208 Rear Service Half Coupling and Air Line	204-1	204
1208 Air Reservoir Assembly and Mounting Hardware	205-1	205
1209 Air Compressor Assembly.. . . .	206-1	206
1209 Air Compressor Governor and Related Parts	207-1	207
1211 Trailer Brake Control Valve, Associated Lines, and Fittings.	208-1	208
1211 Trailer Brake Emergency Couplings and Associated Air Lines.	209-1	209
Group 13 WHEELS		
1311 Wheel Assembly	210-1	210
1311 Front Wheel Hub and Drum Assembly.	211-1	211
1311 Front Wheel Hub and Drum Conversion	212-1	212
1311 Rear Wheel Hub and Drum Assembly	213-1	213
1313 Tire and Tube Assembly	214-1	214
Group 14 STEERING		
1401 Steering Column, Wheel, and Propeller Shaft.	215-1	215
1401 Drag Link and Pitman Arm Assembly	216-1	216
1401 Cross-Shaft and Tie Rod Assembly	217-1	217
1407 Steering Gear Assembly and Mounting Hardware	218-1	218
1410 Power Steering Pump Assembly, Pulley Assembly, Belts, and Mounting Hardware	219-1	219
1411 Hydraulic Lines and Fittings, Power Steering Pump to Steering Gear.	220-1	220
1411 Hydraulic Lines and Fittings, Steering Cylinder to Steering Gear	221-1	221
1412 Tie Rod End and Steering Cylinder Assembly.	222-1	222
1412 Power Steering Cylinder Assembly	223-1	223
Group 15 FRAME AND TOWING ATTACHMENTS		
1501 Frame Assembly, Bolster Logger, Cargo, and Chassis	224-1	224
1501 Frame Assembly, Dump.	225-1	225
1501 Frame Assembly, Wrecker.. . . .	226-1	226
1501 Frame Assembly, Van.....	227-1	227
1501 Frame Assembly, Tractor.. . . .	228-1	228
1501 Frame Assembly, Bridge Transport, and Chassis	229-1	229
1501 Frame Assembly, Tractor Wrecker.	230-1	230
1501 Frame Assembly, Cargo...	231-1	231
1501 Vehicle Tiedown	232-1	232
1501 Front Bumper, Lifting Shackle, Step, and Mounting Hardware	233-1	233
1501 Rear Bumperette and Shackle Assembly	234-1	234
1501 Front and Rear Field Chock Anchors	235-1	235
1503 Pintle Hook Assembly	236-1	236
1503 Towing Pintle Mounting Brackets	237-1	237
1503 Towing Pintle Mounting Brackets, Tractor	238-1	238
1503 Towing Pintle Mounting Brackets, Dump.	239-1	239
1503 Towing Pintle Mounting Brackets, Wrecker	240-1	240
1504 Spare Tire Carrier, Van.	241-1	241
1504 Spare Tire Carrier, Dump.	242-1	242
1504 Spare Tire Carrier, Tractor	243-1	243
1504 Spare Tire Carrier, Bolster Logger.	244-1	244

TABLE OF CONTENTS - Continued

	Page	illus. Figure
1504 Spare Tire Carrier, Cargo..	245-1	245
1504 Spare Tire Mounting Parts, Cargo,	246-1	246
1504 Spare Tire Carrier, Wrecker	247-1	247
1506 Fifth Wheel Mounting and Related Parts	248-1	248
1506 Fifth Wheel Assembly, Basic (Sheet 1 of 2).	249-1	249
1506 Fifth Wheel Assembly, Basic (Sheet 2 of 2)	249-1	249
1506 Fifth Wheel Assembly (Sheet 1 of 2).	250-1	250
1506 Fifth Wheel Assembly (Sheet 2 of 2).	250-1	250
Group 16 SPRINGS AND SHOCK ABSORBERS		
1601 Front Leaf Spring Assembly and Related Parts	251-1	251
1601 Rear Leaf Spring Mounting Hardware	252-1	252
1601 Rear Leaf Spring and Seat Assemblies	253-1	253
1604 Shock Absorber and Mounting Hardware.	254-1	254
1605 Torque Rods and Mounting Hardware	255-1	255
Group 18 BODY, CAB, AND HOOD		
1801 Hood Assembly and Related Parts..	256-1	256
1801 Stone and Brush Guard Assemblies and Mounting Hardware	257-1	257
1801 Hood Side Panel and Headlight Bracket, Left Side	258-1	258
1801 Hood Side Panel and Headlight Bracket, Right Side.	259-1	259
1801 Cab Assembly Complete and Mounting Hardware	260-1	260
1801 Cab Body Assembly and Related Parts.	261-1	261
1801 Cab Reinforcement Panel, Machine Gun Mount Brackets, and Related Parts	262-1	262
1801 Door, Cab Assembly	263-1	263
1801 Window Frame Assembly, Cab Door.	264-1	264
1802 Fender Assembly, Support, and Mounting Hardware, Left Side	265-1	265
1802 Fender Assembly, Support, and Mounting Hardware, Right Side.	266-1	266
1802 Windshield Assembly and Mounting Hardware	267-1	267
1802 Windshield and Frame Assemblies.	268-1	268
1802 Running Board, Left Side	269-1	269
1802 Running Board, Right Side	270-1	270
1802 Rear Wheel Splash Guards	271-1	271
1805 Cab Floor Tunnel and Mounting Hardware	272-1	272
1806 Operator's Seat Assembly	273-1	273
1806 Companion Seat Assembly	274-1	274
1808 Map Compartment, Door Assembly, and Mounting Hardware	275-1	275
1808 Tool Box Assembly and Mounting Hardware	276-1	276
1808 Tool Box Assembly and Mounting Hardware (625, 626,628,629,637, 638).	277-1	277
1808 Tool Box Assembly and Mounting Hardware (627, 633,634, 635).	278-1	278
1808 Pioneer Tool Bracket and Mounting Hardware.	279-1	279
1808 Tool Frame Assembly, Pioneer Tools..	280-1	280
1808 Van Cable Reel, Cable, and Mounting Hardware (630, 632).	281-1	281
1808 Van Cable Reel, Cable, and Mounting Hardware (631)	282-1	282
1810 Cargo and Dropside Cargo Bodies, and Mounting Hardware	283-1	283
1810 Cargo Body, Long Wheelbase, and Mounting Hardware.	284-1	284
1810 Cargo Body Assembly, Basic, Side Racks, Tailgate Assembly, and Related Parts	285-1	285
1810 Cargo Body Side Rack, Gate Assembly, and Troop Seats	286-1	286
1810 Cargo Body Assembly, Side Gates, Tailgate, and Related Parts, Basic and Dropside	287-1	287

TABLE OF CONTENTS - Continued

	Page	illus. Figure
1810 Cargo Body Side Personnel Seat Assembly, Rack and Gate Assemblies, Dropside	288-1	288
1810 Cargo Body, Tailgate and Side Rack Assemblies, Long Wheel Base.	289-1	289
1810 Cargo Body Rack Assemblies and Troop Seats, Long Wheel Base.	290-1	290
1810 Cargo Body Splash Guard Assembly and Related Parts.	291-1	291
1810 Dump Body, Hoist Assembly, Cab Shield, and Mounting Hardware	292-1	292
1810 Dump Body, Basic, Tailgate, and Related Parts.	293-1	293
1810 Dump Tailgate Controls, Safety Catch, and Related Parts.	294-1	294
1810 Dump Splash Guard Assembly and Related Parts.	295-1	295
Section IV NATIONAL STOCK NUMBER INDEX.	I-1	
PART NUMBER INDEX	I-52	
FIGURE AND ITEM NUMBER INDEX.	I-160	

VOLUME 2 OF 2

Group 18 BODY, CAB, AND HOOD

1812 Van Body Assembly and Mounting Hardware (630, 632)	296-1	296
1812 Van Body Assembly and Mounting Hardware (631).	297-1	297
1812 Van Splash Guard Assemblies.	298-1	298
1812 Van Side Lock Handle, Lifting Brackets, Rod Retainer, and Related Parts . .	299-1	299
1812 Van Rear Wall Panels and Mounting Hardware (630, 632).	300-1	300
1812 Van Rear Wall Panels and Mounting Hardware (631)	301-1	301
1812 Van Hinged End Panel Assemblies and Related Parts.	302-1	302
1812 Van Door Assembly, Left Rear (630, 632)	303-1	303
1812 Van Door Assembly, Left Rear (631).	304-1	304
1812 Van Door Assembly, Right Rear (630, 632)	305-1	305
1812 Van Door Assembly, Right Rear (631).	306-1	306
1812 Van Sash Assembly, Rear Doors.	307-1	307
1812 Van Underframe Assembly (630,632)	308-1	308
1812 Van Underframe Assembly (631)	309-1	309
1812 Van Retractable Beams, Ratchet Shaft, and Rollers	310-1	310
1812 Van Hinged Floor Assembly (630, 632)	311-1	311
1812 Van Hinged Floor Assembly (631)	312-1	312
1812 Van Counterbalance and Mounting Hardware	313-1	313
1812 Van Wall Assemblies, Right and Left Side, and Weather Seal (630, 632) . . .	314-1	314
1812 Van Wall Assemblies, Right and Left Side, and Weather Seal (631)	315-1	315
1812 Van Interior Side Panels, Right and Left Side (630, 632)	316-1	316
1812 Van Interior Side Panels, Right and Left Side (631)	317-1	317
1812 Van Side Panel Door Checks, Interior Latch Assemblies, and Related Parts, Right and Left Side (630,632).	318-1	318
1812 Van Side Panel Door Checks, Interior Latch Assemblies, and Related Parts, Right and Left Side (631)	319-1	319
1812 Van Retractable Window Sash Assembly and Related Parts, Right and Left Side	320-1	320
1812 Van Door Assemblies, Right and Left Side (630, 632),	321-1	321
1812 Van Door Assemblies, Right and Left Side (631)	322-1	322
1812 Van Ceiling, Frame, and Related Parts, Interior and Exterior	323-1	323
1812 Van Air Conditioning Duct and Related Parts (631)	324-1	324
1812 Van Air Conditioning Duct and Related Parts (630, 632)	325-1	325
1812 Van Hinged Roof Assembly, Latch, and Related Parts, Right and Left Side. .	326-1	326
1812 Van Hinged Roof Assembly, Holder Assemblies, Panels, and Related Parts. .	327-1	327
1812 Van Front Wall and Fire Extinguisher Bracket.	328-1	328
1812 Van Heater Fuel Pump, Cover, Lines, and Fittings	329-1	329

TABLE OF CONTENTS - Continued

	Page	illus. Figure
1812 Van Bonnet Frame and Related Parts	330-1	330
1812 Van Heater, Exhaust, and Vent Door Controls	331-1	331
1812 Van Air Conditioner, Drain Tube, and Mounting Hardware.	332-1	332
1812 Van Access Door Assembly	333-1	333
1812 Van Bonnet Door Assembly, Right and Left Side.	334-1	334
1812 Van Main Wiring Harness Mounting Hardware	335-1	335
1812 Van Main Wiring Harness, Right and Left Side	336-1	336
1812 Van Air Conditioner and Heater Wirng Harnesses.	337-1	337
1812 Van Heater Fuel Pump and Circuit Breaker Wiring Harness.	338-1	338
1812 Van Blackout By-Pass and 10 kw Electric Heater Wiring Harnesses.	339-1	339
1812 Van Blackout and Clearance Light Wiring Harness.	340-1	340
1812 Van Blackout Wiring Harnesses, Right and Left Side	341-1	341
1812 Van Emergency Lamp Wiring Harnesses, Right and Left Side.	342-1	342
1812 Van Auxiliary Hydraulic Pump and 400 Hz Converter Wiring Harnesses . . .	343-1	343
1812 Van Auxiliary Hydraulic Pump and 400 Hz Converter Wiring Harnesses . .	344-1	344
1812 Van 400 Hz Converter Wiring Harnesses	345-1	345
1812 Van Telephone Jack and 3-Phase Receptacle Harnesses	346-1	346
1812 Van Electrical Load Center and Mounting Hardware	347-1	347
1812 Van Electrical Junction Box and Related Parts.	348-1	348
1812 Van 400 Hz Converter Junction Box, Auxiliary Hydraulic Pump, Electrical Converter Box and Related Parts	349-1	349
1812 Van Circuit Breaker Control Box and Related Parts	350-1	350
1812 Van 400 Hz Converter, Circuit Breaker, and Mounting Hardware	351-1	351
1812 Van Heater Thermostatic Switch and Fluorescent Starter.	352-1	352
1812 Van Telephone Jack and Related Parts, Interior and Exterior	353-1	353
1812 Van Hinged Roof Plunger and Blackout Light Switch	354-1	354
1812 Van 3-Phase and 400 Hz Receptacles	355-1	355
1812 Van Ceiling Switch, Front Wall Switch, Receptacle Assembly, and Related Parts	356-1	356
1812 Van Blackout and Emergency Switches, and Related Parts	357-1	357
1812 Van Blackout and Emergency Lamps, Interior	358-1	358
1812 Van Ceiling Lamp Fixtures and Bulb.	359-1	359
1812 Wrecker Crane Body Assembly and Mounting Hardware.	360-1	360
1812 Wrecker Body Assembly	361-1	361
1812 Wrecker Outrigger Jack Assembly and Related Parts	362-1	362
1812 Wrecker Fuel Can Bracket, Fire Extinguisher Bracket, and Vise Mounting .	363-1	363
1812 Wrecker Splash Guards	364-1	364
1812 Tractor Wrecker Body Assembly and Mounting Hardware.	365-1	365
1812 Tractor Wrecker Crane Outrigger and Jack Assembly.	366-1	366
1812 Tractor Wrecker Crane Outrigger and Jack Assembly.	367-1	367
1812 Tractor Wrecker Emergency and Service Air Lines, Couplings, and Hitch Hiker	368-1	368
1812 Tractor Wrecker Gondola Glass and Frames	369-1	369
1812 Bolster Logger Cab Protector Assembly Bolster Assembly, and Mounting Hardware	370-1	370
1812 Bolster Logger Fifth Wheel Assembly and Mounting Hardware.	371-1	371
1812 Bolster Logger Trailer Carrier Assembly and Ramps.	372-1	372
Group 20 HOIST, WINCH, CRANE, AND POWER TAKEOFF		
2001 Front Winch Brackets and Mounting Hardware	373-1	373
2001 Front Winch Assembly, Complete and Wire Rope Assembly, Wrecker and Bolster Logger	374-1	374
2001 Front Winch Assembly, Complete and Wire Rope Assembly.	375-1	375
2001 Front Winch Sheave Assembly, Wrecker, and Bolster Logger.	376-1	376

TABLE OF CONTENTS - Continued

	Page	illus. Figure
2001 Front Winch Tensioner Assembly, Roller Assembly, and Related Parts	377-1	377
2001 Front Winch Propeller Drive Shaft Assembly	378-1	378
2001 Bolster Logger Midwinch and Wire Rope Assembly.	379-1	379
2001 Winch Assembly, Basic, Drum, and Related Parts.	380-1	380
2001 Hand Winch Assembly and Wire Rope Assembly, Side.	381-1	381
2001 Wrecker Rear Winch Assembly Complete and Wire Rope Assembly	382-1	382
2001 Wrecker Rear Winch Sheave Swivel and Trolley Assembly	383-1	383
2001 Wrecker Rear Winch Cable Tensioner	384-1	384
2001 Wrecker Rear Winch Assembly, Basic	385-1	385
2001 Wrecker Rear Winch Drive Shaft, Bearing Assembly, and Chain	386-1	386
2001 Wrecker Rear Winch Controls and Winch Brake Assembly	387-1	387
2001 Wrecker Winch and Crane Controls.	388-1	388
2001 Dump Hydraulic Hoist Assembly.	389-1	389
2001 Dump Hoist Safety Latch Assembly, Hoses, and Filter	390-1	390
2001 Dump Hoist Pump Assembly and Mounting Hardware	391-1	391
2001 Dump Hoist Control Box Assembly	392-1	392
2001 Dump Hoist Control Valve Assembly and Mounting Hardware	393-1	393
2001 Dump Controls and Mounting Hardware	394-1	394
2001 Dump Control Connecting Links	395-1	395
2001 Dump Hoist Propeller Drive Shaft Assembly	396-1	396
2001 Wrecker Crane Gondola Assembly.	397-1	397
2001 Wrecker Crane Turntable Assembly.	398-1	398
2001 Wrecker Crane Gear Case Assembly and Mounting Hardware.	399-1	399
2001 Wrecker Crane Boom Elevating Cylinder Assembly	400-1	400
2001 Wrecker Sheave and Operator Guard.	401-1	401
2001 Wrecker Boom Assembly	402-1	402
2001 Wrecker Inner Boom Extension Assembly	403-1	403
2001 Wrecker Inner Boom Extension Cylinder Assembly.	404-1	404
2001 Crane Hoist Winch and Mounting Hardware	405-1	405
2001 Crane Boom Hoist Winch Assembly.	406-1	406
2001 Wrecker Hoist Hydraulic Winch Motor	407-1	407
2001 Wrecker Tackle Block and Wire Rope Assembly	408-1	408
2001 Wrecker Hoist Drive and Hoist Shaft Assemblies	409-1	409
2001 Wrecker Hoist Gear Case Assembly.	410-1	410
2001 Wrecker Gondola Hoist Control Valve Assembly	411-1	411
2001 Wrecker Control Valve Hydraulic Hoses, Lines, and Fittings	412-1	412
2001 Wrecker Hydraulic Hoses, Lines, and Fittings	413-1	413
2001 Wrecker Hydraulic Oil Tank Assembly and Mounting Hardware	414-1	414
2001 Wrecker Hydraulic Fluid Filter Assembly.	415-1	415
2001 Wrecker Rear Winch Vertical Roller and Mounting Hardware	416-1	416
2001 Wrecker Rear Winch Horizontal Roller and Mounting Hardware	417-1	417
2001 Wrecker Throttle Control Lever, Cable, and Related Parts.	418-1	418
2001 Tractor Wrecker Gondola, Boom, and Shipper Assemblies	419-1	419
2001 Tractor Wrecker Boom Swing Mechanism	420-1	420
2001 Tractor Wrecker Hydraulic Vane Pump and Related Parts.	421-1	421
2001 Tractor Wrecker Swing Motor Replacement Kit	422-1	422
2001 Tractor Wrecker Swivel Assembly, Pivot Post, and Shipper Support.	423-1	423
2001 Tractor Wrecker Pivot Post Support, Base, and Related Parts	424-1	424
2001 Tractor Wrecker Boom Lift Cylinder	425-1	425
2001 Tractor Wrecker Cable Drum and Housing	426-1	426
2001 Tractor Wrecker Cable Drum Hoist	427-1	427
2001 Tractor Wrecker Cable Drum Hoist Pump	428-1	428
2001 Tractor Wrecker Crane Boom and Shipper	429-1	429

TABLE OF CONTENTS - Continued

	Page	illus. Figure
2001 Tractor Wrecker Ram Cylinder Assembly, Crane Boom, Pulleys, Block, and Cable	430-1	430
2001 Tractor Wrecker Crane Control Valve Bank Assembly.	431-1	431
2001 Tractor Wrecker Crane Control Valve, Hydraulic Lines and Fittings	432-1	432
2001 Tractor Wrecker Boom Lift Cylinder and Hoist Motor Hydraulic Lines and Fittings	433-1	433
2001 Tractor Wrecker Swing Motor Hydraulic Pump and Swivel Valve Hydraulic Lines and Fittings	434-1	434
2001 Tractor Wrecker Swing Motor Hydraulic Pump and Prop Shaft Assemblies	435-1	435
2001 Van Hydraulic Liftgate Assembly and Mounting Hardware.	436-1	436
2001 Van Liftgate Platform Assembly and Hinge Plate	437-1	437
2001 Van Liftgate Frame and Linkage.	438-1	438
2001 Van Liftgate Controls and Safety Latch	439-1	439
2001 Van Liftgate Control Assembly, Left Hand, and Right Hand	440-1	440
2001 Van Liftgate Hydraulic Tubing, Oil Tank, and Pump Motor.	441-1	441
2001 Van Liftgate Pump Assembly	442-1	442
2001 Van Liftgate Hydraulic Tubing and Flow Control Valve.	443-1	443
2001 Van Liftgate Cylinder Assembly and Mounting Hardware.	444-1	444
2001 Van Liftgate Closing Cylinder Assemblies	445-1	445
2001 Van Liftgate Pump Drive Shaft Assembly and Related Parts.	446-1	446
2004 Transmission Power Takeoff Assembly and Mounting Hardware	447-1	447
2004 Transmission Power Takeoff Assembly and Mounting Hardware	448-1	448
2004 Transfer Transmission Power Takeoff Assembly (614, 621, 636).	449-1	449
2004 Transfer Transmission Power Takeoff Assembly (622).	450-1	450
2004 Power Divider and Drive Shaft Assemblies.	451-1	451
2004 Power Divider Gears, Yokes, and Related Parts	452-1	452
2004 Power Divider Shifter Fork, Control Lever, and Related Parts.	453-1	453
2004 Rotochamber Assembly and Related Parts	454-1	454
2004 Transfer Transmission Power Takeoff Controls.	455-1	455
2004 Van Power Takeoff Controls.	456-1	456
2004 Tractor Wrecker and Bolster Logger Power Takeoff Controls	457-1	457
2004 Wrecker Power Divider Controls	458-1	458
2004 Wrecker Auxiliary Clutch Control Piping.	459-1	459
 Group 22 BODY, CHASSIS, AND ACCESSORY ITEMS		
2201 Soft Top Assembly, Mounting Hardware, and Related Parts.	460-1	460
2201 Soft Top Post and Rail Assembly	461-1	461
2201 Cargo Body Adjustable Safety Strap and Bow Stowage Strap Assembly	462-1	462
2201 Wrecker Gondola Canopy and Seat	463-1	463
2202 Windshield Wiper Arm, Blade and Mounting Hardware	464-1	464
2202 Tractor Wrecker Gondola Windshield Wiper and Motor.	465-1	465
2202 Rearview Mirror Assembly, Right and Left Side	466-1	466
2202 Rearview Mirror Assembly, Right and Left Side (621)	467-1	467
2202 Convex Side View Mirror and Mounting Hardware.	468-1	468
2202 Cargo Body Reflectors and Mounting Hardware	469-1	469
2202 Dump Body Reflectors and Mounting Hardware.	470-1	470
2202 Tractor Body Reflectors and Mounting Hardware	471-1	471
2202 Tractor Wrecker, and Wrecker Body Reflectors, and Mounting Hardware	472-1	472
2202 Van Body and Bolster Logger Body Reflectors and Mounting Hardware	473-1	473
2210 Data Plates, Engine	474-1	474
2210 Data Plates, Air Cleaner, Air Restriction Gage, Surge Tank, and Fuel Pump.	475-1	475

TABLE OF CONTENTS - Continued

	Page	illus. Figure
2210 Data Plates, Tractor Wrecker, Swing Motor, and Cable Drum Drive and Wrecker Controls	476-1	476
2210 Data Plates, Wrecker Controls, and Rear Winch Controls	477-1	477
2210 Data Plates, Front and Rear Winch	478-1	478
2210 Data Plates, Power Takeoff Controls	479-1	479
2210 Data Plates, Van Body Interior	480-1	480
2210 Data Plates, Van Body Exterior and Van Liftgate	481-1	481
2210 Data Plates, Tire Warning, Fifth Wheel and Tow Bar	482-1	482
2210 Data Plates, Transmission, Power Steering Pump and Emergency and Service Air	483-1	483
2210 Data Plates, Instrument Panel, Battery Box and Generator	484-1	484
2210 Data Plates, Engine, Transmission and Transfer Containers	485-1	485
2210 Data Plates, Hood and Brake Fluid	486-1	486
2210 Data Plates, Dump Body Cab Protector, Cargo Body Tail and Side Gates . . .	487-1	487
Group 33 SPECIAL PURPOSE KITS		
3301 Shipping Containers, Engine, Transfer and Transmission	488-1	488
3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware (Sheet 1 of 2)	489-1	489
3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware, Model 10530-A24 (Sheet 2 of 3)	489-1	489
3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware, Model 10530B (Sheet 3 of 3)	489-1	489
3303 Fuel Burning Personnel Heater Kit, Pump, Control, and Wiring Harness. . .	490-1	490
3303 Fuel Burning Personnel Heater Kit, Defroster Assembly.	491-1	491
3303 Fuel Burning Personnel Heater Kit, Alcohol Evaporator, Receptacle, and Shift Lever Dust Boots.	492-1	492
3303 Engine Coolant Heater Kit, Hood and Grill Cover.	493-1	493
3303 Engine Coolant Heater Kit, Heater Coolant Assembly.	494-1	494
3303 Engine Coolant Heater Kit, Control and Wiring Harness.	495-1	495
3303 Engine Coolant Heater Kit, Battery Box, Exhaust, and Coolant Hoses	496-1	496
3303 Thermal Barrier Kit	497-1	497
3303 Hot Water Personnel Heater Kit, Defroster Assembly and Deflector.	498-1	498
3303 Hot Water Personnel Heater Kit, Heater Assembly and Related Parts	499-1	499
3303 Hot Water Personnel Heater Kit, Radiator Cover	500-1	500
3303 Hot Water Personnel Heater Kit, Control Switch, Wiring Leads, and Resistor Assembly	501-1	501
3303 Hardtop Kit	502-1	502
3305 Deep Water Fording Kit, Lines and Fittings	503-1	503
3305 Deep Water Fording Kit, Control Assembly and Valve Set.	504-1	504
3305 Deep Water Fording Exhaust, M812A1	505-1	505
3307 Seat Belt Kit, Fixed and Floating Driver's Seat	506-1	506
3307 Mud Flap Kit, Tractor, Rear (Sheet 1 of 2)	507-1	507
3307 Mud Flap Kit, Tractor, Rear (Sheet 2 of 2)	507-1	507
3307 Wiper Washer Bottle Kit, Jet and Pump Assembly	508-1	508
3307 Slave Receptacle Kit	509-1	509
3307 Intervehicle Power Cable Kit.	510-1	510
3307 A-Frame Components Kit.....	511-1	511
3307 Pioneer Tool Bracket Kit.....	512-1	512
3307 Machine Gun Mounting Kit.	513-1	513
3307 Air Drop Kit	514-1	514
3307 Bow and Tarp Kit, Dropside.	515-1	515
3307 Bow and Tarp Kit, Cargo (Short)	516-1	516

TABLE OF CONTENTS - Continued

	Page	illus. Figure
3307 Bow and Tarp Kit, Cargo, Long Wheelbase.	517-1	517
3307 Tarpaulin Extension Kit	518-1	518
3307 Dump Body Troop Seat and Tarpaulin Kit, Troop Seat and Side Racks.	519-1	519
3307 Dump Body Troop Seat and Tarpaulin Kit, Tarpaulin	520-1	520
3307 Fire Extinguisher Kit	521-1	521
3307 Low Air Pressure Warning Light Kit.	522-1	522
3307 Tachograph Kit	523-1	523
3307 Air Hand Brake Kit	524-1	524
3307 Alternator Conversion Kit, 60 to100 AMP.	525-1	525
3307 Van Body Stabilizer Kit	526-1	526
3307 Mini-Lighting Kit, Wiring Leads, Brackets, and Mounting Hardware (Sheet 1 of 2)	527-1	527
3307 Mini-Lighting Kit, Wiring Leads, Lamp Assembly, Light Markers, and Mounting Hardware (Sheet 2 of 2)	527-1	527
3307 Convoy Warning Light Kit	528-1	528
3307 Convoy Warning Light Kit, Dump.. . . .	529-1	529
3307 Convoy Warning Light Kit, Van.	530-1	530
3307 M14/M16 Rifle Mounting Kit.	531-1	531
3307 Front Bumper Step Kit	532-1	532
3307 Vehicle Tiedown Kits	533-1	533
3307 Tach Cable Inteference Relief Kit.	534-1	534
3307 Portable Decontamination Mounting Kit	535-1	535
3307 Cable Reel Kit (Sheet 1 of 6)	536-1	536
3307 Cable Reel Kit (Sheet 2 of 6)	536-1	536
3307 Cable Reel Kit (Sheet 3 of 6)	536-1	536
3307 Cable Reel Kit (Sheet 4 of 6)	536-1	536
3307 Cable Reel Kit (Sheet 5 of 6)	536-1	536
3307 Cable Reel Kit (Sheet 6 of 6)	536-1	536
3307 Raised Hood Kit	537-1	537
3307 Power Input Receptacle Kit.	538-1	538
Group 47 NON-ELECTRICAL GAGES		
4701 Tachometer and Shaft Assembly	539-1	539
4701 Speedometer and Shaft Assembly	540-1	540
4702 Air and Oil Pressure Indicators.	541-1	541
Group 94 REPAIR PARTS KITS		
9401 Kits	Kits-1	
Group 95 GENERAL USE STANDARDIZED PARTS		
9501 Bulk	Bulk-1	
Section III SPECIAL TOOLS LIST		
Group 26 TOOLS AND TEST EQUIPMENT		
2604 Special Tool Kit, organizational	542-1	542
2604 Special Tool Kit, Direct Support (Sheet 1 of 4).	543-1	543
2604 Special Tool Kit, Direct support (Sheet 2 of 4).	543-1	543
2604 Special Tool Kit, Direct support (Sheet 3 of 4).	543-1	543
2604 Special Tool Kit, Direct support (Sheet 4 of 4).	543-1	543
2604 Special Tool Kit, General support	544-1	544
Section IV NATIONAL STOCK NUMBER INDEX.. . . .	I-1	
PART NUMBER INDEX	I-52	
FIGURE AND ITEM NUMBER INDEX.	I-160	

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS)

SECTION I. INTRODUCTION

1. Scope.

This Repair Parts and Special Tool List, lists and authorizes spares and repair parts; special tools; test; measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of direct support and general support maintenance of the 5-ton, 6x6, M809 series vehicles. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

2. General.

In addition to Section I, Introduction, this RPSTL is divided into the following sections:

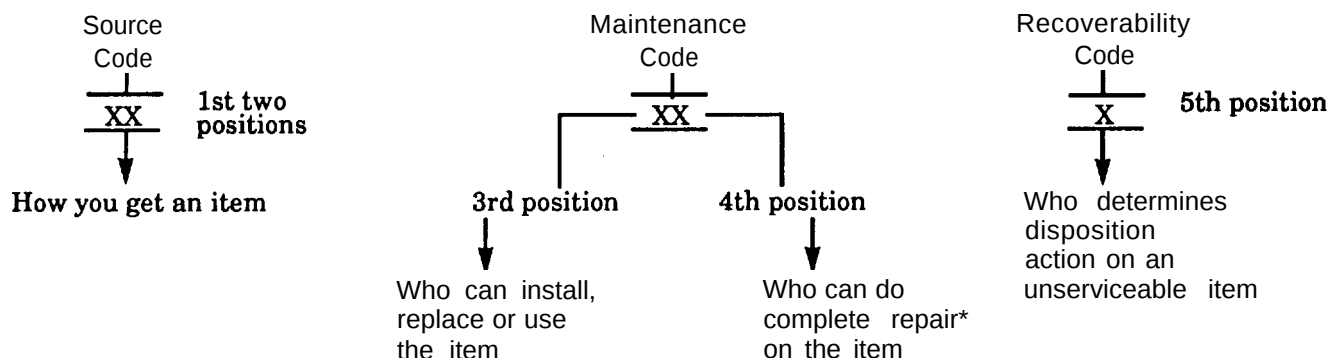
a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own fictional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

b. Section III. Special Tools List. A list of special tools, TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-Reference Index. A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National Stock Numbers and part numbers are cross-referenced to each illustration figure and item number appearance. The figure and item number index lists figure and item numbers in alphanumeric sequence and cross-references National Stock Number, CAGEC, and part numbers.

3. Explanation of Columns (Sections II and III).

- a. Item No. (Column (1)).** Indicates the number used to identify items called out in the illustration.
- b. SMR Code (Column (2)).** The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as-shown in the following breakout:



* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

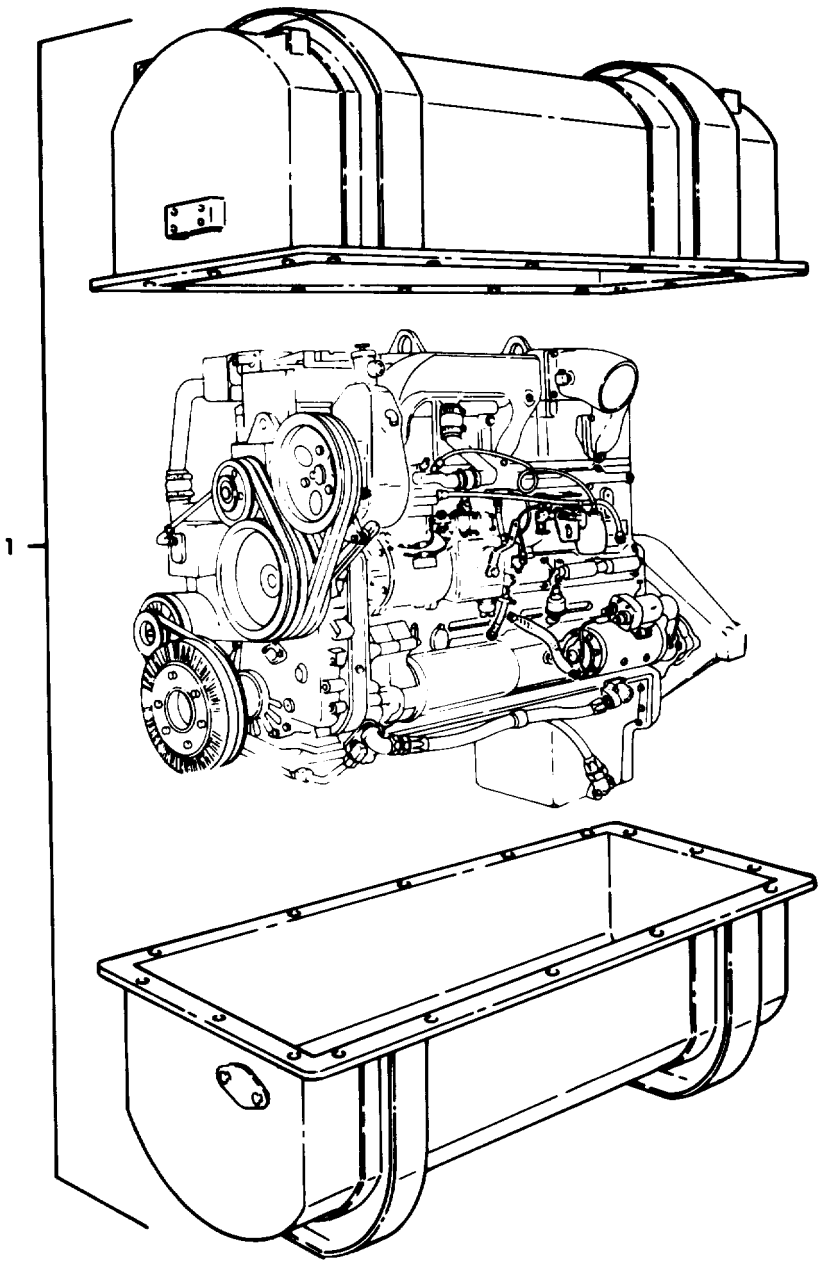


Figure 1. Engine and Container Assembly.

SECTION II

TM9-2320-260-34P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 01 ENGINE 0100 ENGINE ASSEMBLY	
				FIG.1 ENGINE AND CONTAINER ASSEMBLY	
1	PAFHH	19207	5704275	ENGINE,DIESEL W,CON CUMMINS MODEL NHC 250	1
				END OF FIGURE	

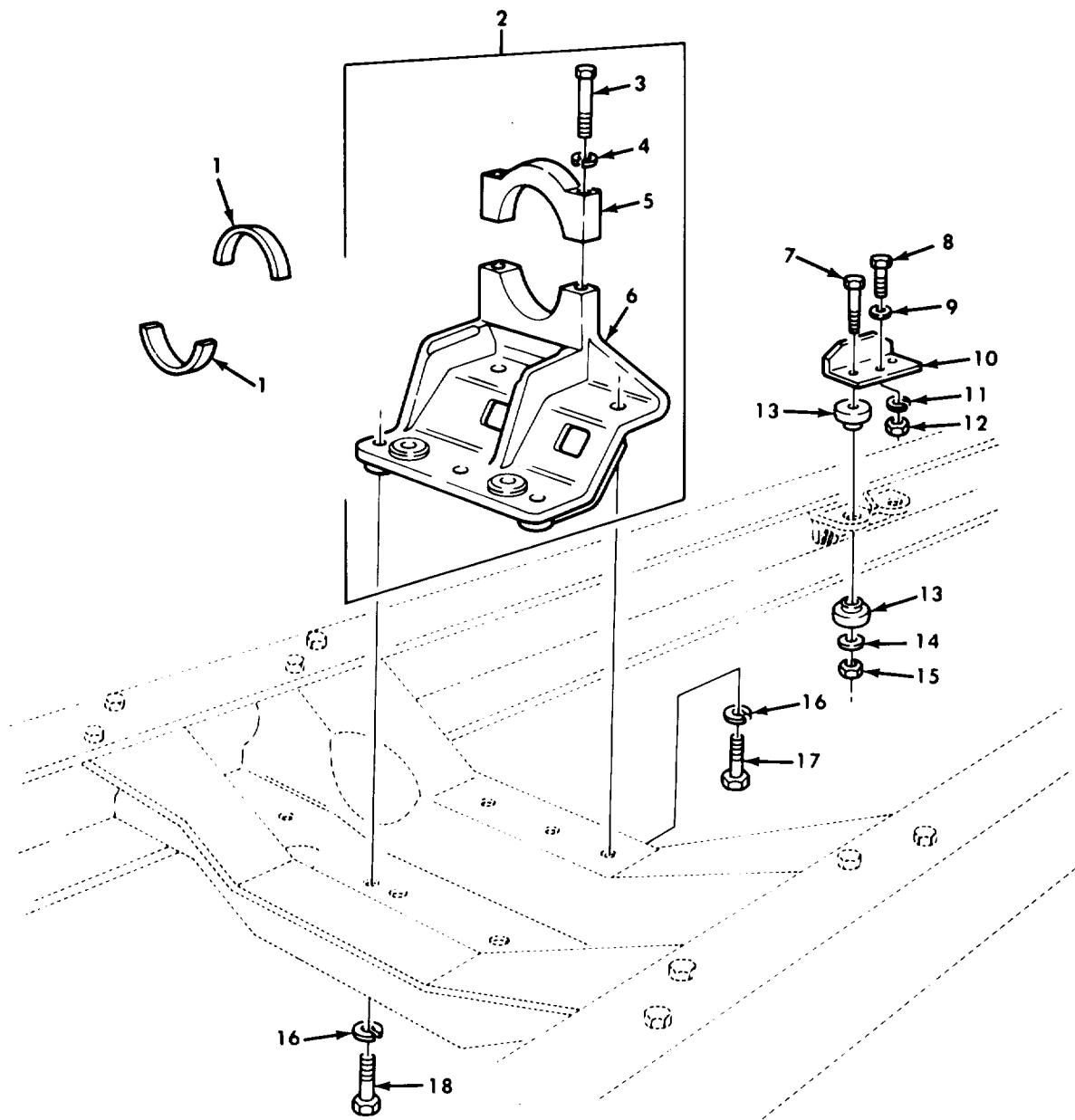


Figure 2. Engine Mounts.

SECTION II

TM9-2320-260-34P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 0100 ENGINE ASSEMBLY					
FIG.2 ENGINE MOUNTS					
1	PAFZZ	19207	11664452	INSERT, MOUNT ENGINE	2
2	PBFZZ	19207	11664493	BRACKET, ENGINE MOUN	1
3	PAFZZ	96906	MS90725-173	.SCREW, CAP, HEXAGON H	2
4	PAFZZ	96906	MS35338-50	.WASHER, LOCK	2
5	XAFZZ	19207	11664496	.TRUNNION CAP, ENGINE MATCHED SET	1
6	XAFZZ	19207	11664495	.TRUNNION, ENGINE MOU MATCHED SET	1
7	PAFZZ	96906	MS90727-123	SCREW, CAP, HEX HEAD	4
8	PAFZZ	96906	MS90727-174	SCREW, CAP, HEX HD	2
9	PAFZZ	96906	MS20002-10	WASHER, FLAT UPPER	2
10	PAFZZ	19207	8330333	SUPPORT	2
11	PAFZZ	96906	MS35338-50	WASHER, LOCK	2
12	PAFZZ	96906	MS21045-10	NUT, SELF-LOOKING, HE	2
13	PAFZZ	19207	11648643	MOUNT, RESILIENT	8
14	PAFZZ	19207	11664571	WASHER, FLAT	4
15	PAFZZ	96906	MS21045-8	NUT, SLFKG HEXAGON	4
16	PAFZZ	96906	MS35338-48	WASHER, LOCK	5
17	PAFZZ	96906	MS90728-112	SCREW, CAP, HEXAGON H	3
18	PAFZZ	96906	MS90728-113	SCREW, CAP, HEXAGON H	2

END OF FIGURE

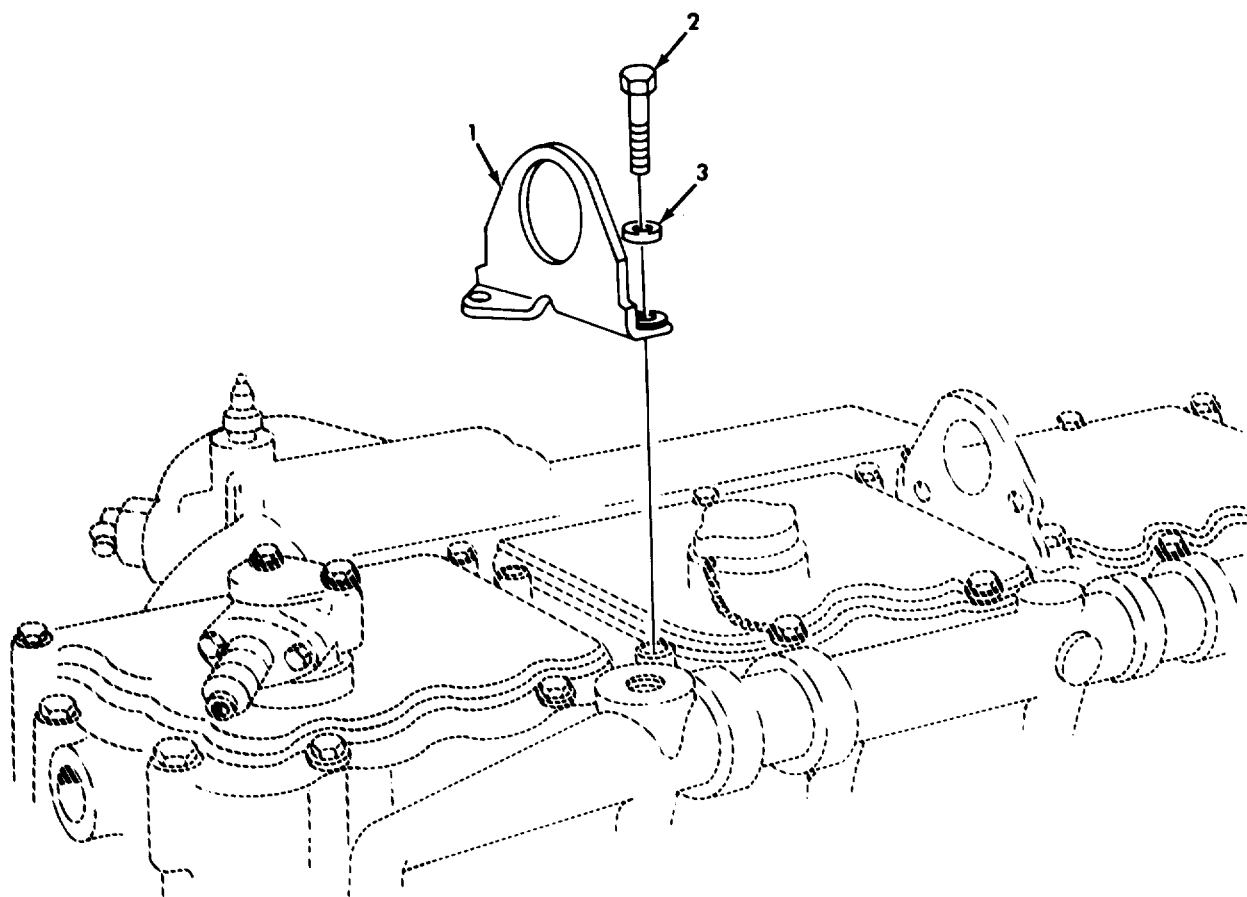
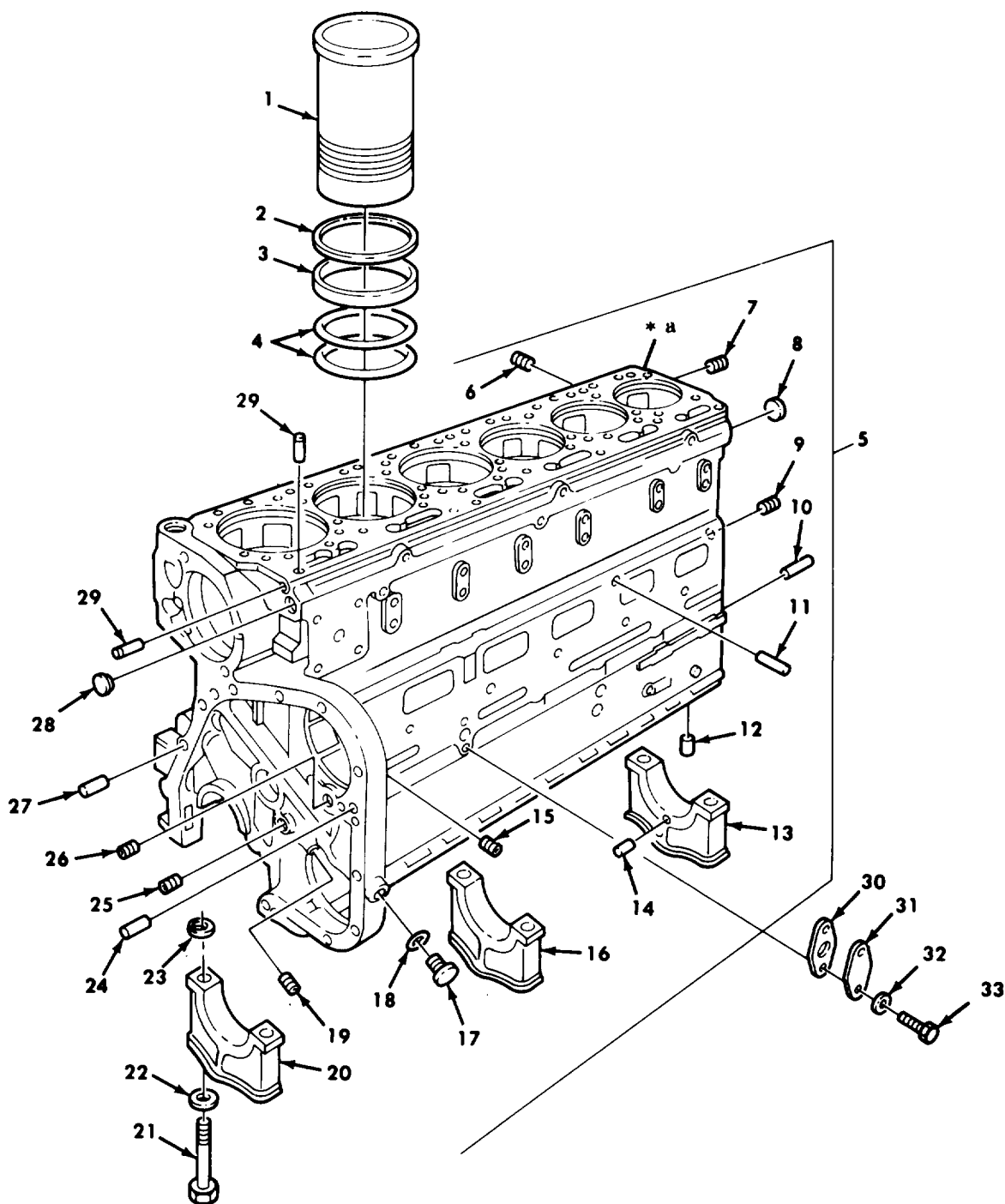


Figure 3. Engine Lifting Bracket.

SECTION II

TM9-2320-260-34P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 0100 ENGINE ASSEMBLY	
				FIG.3 ENGINE LIFTING BRACKET	
1	PAFZZ	15434	170226	BRACKET,ENGINE LIFT	2
2	PAFZZ	15434	S176	SCREW,CAP	4
3	PAFZZ	96906	MS35338-48	WASHER, LOCK	4
				END OF FIGURE	



* a PART OF ITEM 5

Figure 4. Cylinder Block Assembly.

SECTION II

TM9-2320-260-34P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD					
FIG.4 CYCLINDER BLOCK ASSEMBLY					
1	KFHZZ	15434	3042763	CYLINDER SLEEVE PART OF KIT P/N 3801775 PART OF KIT P/N 3801826	1
2	PAHZZ	15434	3019955	SHIM, LINER, .007	V
2	PAHZZ	15434	3019956	SPACER, RING LINER, .008	V
2	PAHZZ	15434	3019957	SHIM LINER, .009	V
2	PAHZZ	15434	3019958	SPACER, RING LINER, .020	V
2	PAHZZ	15434	3019959	SHIM LINER, .031	V
2	PAHZZ	15434	3019960	SHIM LINER, .062	V
3	KFHZZ	15434	215090	GASKET PART OF KIT P/N 3011472 PART OF KIT P/N 3801826 PART OF KIT P/N 3801775	6
4	PAHZZ	15434	3032874	PACKING, PREFORMED PART OF KIT P/N 3011472 PART OF KIT P/N 3801775 PART OF KIT P/N 3801826	2
5	PFHHH	15434	3801314	BLOCK ASSEMBLY	1
6	PAFZZ	15434	3008466	.PLUG, PIPE	1
7	PAFZZ	81348	WW-P-471ACBBUH	.PLUG, PIPE CYLINDER BLOCK, REAR	1
8	PAFZZ	15434	S719	.PLUG, EXPANSION	1
9	PAFZZ	79470	C3159X2	.PLUG, PIPE	8
10	PAFZZ	15434	9226	.PIN, STRAIGHT, HEADLE	2
11	PAHZZ	15434	68585	.PIN, STRAIGHT, HEADLE	11
12	PAHZZ	64104	B2568	.PIN, STRAIGHT, HEADLE	2
13	PAHZZ	15434	3008049	.CAP, PILLOW BLOCK NUMBER 7	1
14	PAHZZ	15434	202903	.PIN, STRAIGHT HEXAGO	2
15	PAFZZ	81348	WW-P-471ACABCA	.PLUG, PIPE	1
16	PAHZZ	15434	3008048	.CAP, BEARING NUMBERS 2, 4 AND 6	3
17	PAHZZ	15434	210884	.PLUG, MACHINE THREAD	1
18	PAFZZ	15434	66292	.WASHER, FLAT	1
19	PAHZZ	15434	3008468	.PLUG, PIPE	3
20	PAHZZ	15434	3008047	.CAP, PILLOW BLOCK NUMBERS 1, 3 AND 5	3
21	PAHZZ	15434	208346	.SCREW, CAP, HEXAGON H 3/4 INCH	14
21	PAHZZ	15434	105953	.BOLT, MACHINE 1 INCH	14
22	PAHZZ	15434	140218	.WASHER, FLAT 3/4 INCH	14
22	PAHZZ	15434	3009213	.WASHER, LOCK USE WITH 1 INCH CAP SCREW	14
23	PAHZZ	15434	60575	.RING, ALIGNING 1 INCH	4
23	PAHZZ	15434	3037045	.RING, RETAINING USE WITH 3/4 INCH CAPSCREW	7
24	PAHZZ	15434	70653	.DOWEL, METALLIC	1
25	PAHZZ	96906	MS51884-5	.PLUG, PIPE	5
26	PAHZZ	15434	3008469	.PLUG, PIPE	1
27	PAHZZ	15434	60408	.PIN, STRAIGHT, HEADLE	1
28	PAHZZ	96906	MS35648-8	.PLUG, EXPANSION	1
29	PAFZZ	15434	68445	.PIN, GROOVED, HEADLES	6
30	PAFZZ	15434	67963	GASKET PART OF KIT P/N 3011472	1
31	PFFZZ	15434	132648	FLANGE BLIND OIL	1
32	PAFZZ	96906	MS35338-46	WASHER, LOCK	2