

TECHNICAL MANUAL

EXTENDED SERVICE PROGRAM (ESP) UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR

2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

TRUCK, CARGO: FIXED SIDE, W/WINCH,
M35A3 (2320-01-383-3850) (EIC: BHL);

TRUCK, CARGO: FIXED SIDE, W/O WINCH,
M35A3 (2320-01-383-2047) (EIC: BHK);

TRUCK, CARGO: LONG WHEELBASE, W/WINCH,
M36A3 (2320-01-383-2046) (EIC: BHN);

TRUCK, CARGO: LONG WHEELBASE, W/O WINCH
M36A3 (2320-01-383-2048) (EIC: BHM);

TRUCK, CARGO: DROPSIDE, W/WINCH,
M35A3C (2320-01-383-2049) (EIC: BHQ);

TRUCK, CARGO: DROPSIDE, W/O WINCH,
M35A3C (2320-01-383-2050) (EIC: BHP).

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

TECHNICAL MANUAL
NO. 9-2320-386-24P

TECHNICAL ORDER
NO. 36A12-1B-1124

HEADQUARTERS,
DEPARTMENT OF THE ARMY
AND AIR FORCE
WASHINGTON, D.C., 1 May 2001

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

2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

MODEL		EIC	NSN Without Winch	EIC	NSN With Winch
TRUCK, CARGO, FIXED SIDE	M35A3	BHK	2320-01-383-2047	BHL	2320-01-383-3850
TRUCK, CARGO, LONG WHEELBASE	M36A3	BHM	2320-01-383-2048	BHN	2320-01-383-2046
TRUCK, CARGO, DROPSIDE	M35A3C	BHP	2320-01-383-2050	BHQ	2320-01-383-2049

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or E-mail your letter or DA Form 2028 direct to: AMSTA-LC-CI/TECH PUBS, TACOM-RI, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The email address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

		W P	Sequence No.
	INTRODUCTION	0001	00
Group 01	ENGINE		
	0100 Engine With Container	0002	00
	0100 Engine Mounting Pad and Front Support Bracket	0003	00
	0100 Engine Mounting Brackets	0004	00
	0101 Cylinder Head Assembly and Related Parts	0005	00
	0101 Cylinder Block Assembly and Related Parts	0006	00
	0102 Crankshaft, Pulley, and Dampener	0007	00
	0103 Flywheel Housing and Rear Seal	0008	00
	0104 Piston and Rod Assembly	0009	00
	0105 Cam Follower Covers and Related Parts	0010	00
	0105 Valve Cover	0011	00
	0105 Camshaft, Rear Cover, and Timing Gears	0012	00
	0105 Cam Followers and Pushrods	0013	00
	0105 Rocker Arm and Related Parts	0014	00
	0105 Timing Gear Cover and Housing	0015	00
	0105 Valves, Valve Seats, Valve Seals, and Related Parts	0016	00
	0106 Crankcase Breather and Related Parts	0017	00
	0106 Engine Oil Level Indicator and Oil Filler Tube	0018	00
	0106 Engine Oil Pan, Oil Pump, and Related Parts	0019	00
	0106 Oil Manifold and Mounting Hardware	0020	00
	0106 Engine Oil Cooler Assembly	0021	00
	0106 Engine Oil Filter, Oil Sampling Valve, and Related Parts	0022	00
	0108 Intake Manifold	0023	00
	0108 Intake Manifold Cover	0024	00
	0108 Exhaust Manifold	0025	00
	0109 Fan Drive Pulley	0026	00
Group 03	FUEL SYSTEM		
	0301 Fuel Injector	0027	00
	0302 Fuel Transfer Pump and Related Parts	0028	00
	0304 Air Cleaner Assembly and Related Parts	0029	00
	0305 Turbocharger, Oil Inlet and Drain Tubes, and Related Parts ..	0030	00
	0306 Fuel Tank Assembly and Mounting Hardware	0031	00
	0306 Fuel Tank Supply, Return, and Vent Lines	0032	00
	0306 Fuel Shutoff Solenoid	0033	00
	0308 Governor Lines	0034	00
	0308 Governor Assembly and Mounting Hardware	0035	00
	0309 Fuel/Water Separator and Fuel Filter	0036	00
	0311 Quick-Start Assembly (Built Before Serial No. 504924)	0037	00
	0311 Quick-Start Assembly (Built After Serial No. 504923)	0038	00
	0312 Throttle Control Cable	0039	00
	0312 Accelerator Pedal Assembly and Mounting Hardware	0040	00
	0312 Accelerator Cable and Mounting Hardware	0041	00
Group 04	EXHAUST SYSTEM		
	0401 Exhaust System	0042	00
Group 05	COOLING SYSTEM		
	0501 Radiator, Radiator Hoses, and Mounting Hardware	0043	00
	0501 Surge Tank, Surge Tank Lines, and Mounting Hardware	0044	00
	0501 Charged Air Cooler and Related Parts	0045	00
	0502 Radiator Shrouds, Baffles, and Related Parts	0046	00

TABLE OF CONTENTS (Contd)

	W P	Sequence No.
0504 Water Regulator	0047	00
0504 Water Pump Related Parts	0048	00
0504 Water Pump Assembly	0049	00
0505 Water Pump Belt and Tensioner	0050	00
0505 Fan, Fan Clutch, and Fan Actuator	0051	00
0505 Fan Clutch Air Line and Related Parts	0052	00
0505 Fan Belt and Tensioner	0053	00
Group 06 ELECTRICAL SYSTEM		
0601 Alternator and Mounting Hardware	0054	00
0603 Starter, Starter Relay, and Mounting Hardware	0055	00
0607 Instrument Panel and Related Parts	0056	00
0608 Miscellaneous Items	0057	00
0609 Blackout Lamp Assembly and Mounting Hardware	0058	00
0609 Front Turn Signal and Rear Composite Lights	0059	00
0609 Headlamp, Front Side Marker, and Mounting Bracket	0060	00
0609 Backup Light and All Additional Lighting	0061	00
0610 Sending Units	0062	00
0612 NATO Slave Receptacle	0063	00
0612 Electrical Cables	0064	00
0612 Battery Box, STE/ICE-R Shunt, and Related Parts	0065	00
0613 Front Wiring Harness	0066	00
0613 Front Wiring Harness Markers and Connectors	0067	00
0613 Front Wiring Harness Clamps and Mounting Hardware	0068	00
0613 Front Wiring Harness Grommets, Clamps, and Hardware	0069	00
0613 Front Wiring Harness Miscellaneous Hardware	0070	00
0613 STE/ICE-R Wiring Harness	0071	00
0613 STE/ICE-R Wiring Harness Clamps, Grommets, and Hardware	0072	00
0613 Rear Wiring Harness	0073	00
0613 Rear Wiring Harness Clamps, Grommets, and Hardware	0074	00
0613 Wiper Motor Wiring Harness and Grommet	0075	00
0613 Rear Lights Wiring Harness, Clamps, and Hardware	0076	00
0613 CTIS Wiring Harness	0077	00
Group 07 TRANSMISSION		
0700 Transmission With Container	0078	00
0705 Transmission Shift Cable and Related Parts	0079	00
0705 Transmission Shift Tower	0080	00
0705 Transmission Select Lever	0081	00
0705 Modulator Control	0082	00
0708 Torque Converter and Mounting Hardware	0083	00
0710 Transmission Assembly, Flexplate, and Hub	0084	00
0710 Transmission Oil Pan and Related Parts	0085	00
0710 Planetary Gear Unit	0086	00
0710 Transmission Housing, Governor/Speedometer Drive Gears, and Vent Line	0087	00
0710 Transmission Oil Dipstick Tube	0088	00
0710 Housing Assembly and Forward Clutch	0089	00
0713 First Clutch	0090	00
0713 Second Clutch, Third Clutch, and Center Support	0091	00
0713 Fourth Clutch	0092	00
0714 Control Valve Assembly, Governor, and Mounting Hardware	0093	00
0721 Transmission Oil Pump and Forward Support Assembly	0094	00

TABLE OF CONTENTS (Contd)

		W P	Sequence No.
	0721 Transmission Auxiliary Oil Cooler	0095	00
	0721 Transmission External Oil Filter Assembly	0096	00
Group 08	TRANSFER TRANSMISSION		
	0801 Transfer Transmission With Container	0097	00
	0801 Transfer Case and Mounting Hardware	0098	00
	0803 Transfer Hand Controls	0099	00
	0803 Front Wheel Drive Lock-In Switch and Indicator	0100	00
Group 09	PROPELLER SHAFTS		
	0900 Propeller Shaft Assembly (Front Axle-to-Transfer Case)	0101	00
	0900 Propeller Shaft Assembly (Transmission-to-Transfer Case)	0102	00
	0900 Propeller Shaft Assembly (Transfer Case-to-Center Bearing)	0103	00
	0900 Propeller Shaft Assembly (Intermediate)	0104	00
Group 10	FRONT AXLE		
	1000 Front Axle and Housing Assembly	0104	01
	1004 Spindle and Knuckle Assembly	0105	00
Group 11	REAR AXLE		
	1100 Forward-Rear and Rear-Rear Axle Assembly	0105	01
Group 12	BRAKES		
	1201 Parking Brake	0106	00
	1204 Master Cylinder, Reservoir, and Mounting Hardware	0107	00
	1204 Air Hydraulic Booster and Lines	0108	00
	1204 Front Axle Hydraulics	0109	00
	1204 Rear Axle Hydraulics	0110	00
	1206 Brake Pedal and Related Parts	0111	00
	1208 Trailer Air Couplings and Related Parts	0112	00
	1208 Air Compressor and Pipe Cross Air Lines (Front)	0113	00
	1208 Air Reservoir and Related Lines	0114	00
	1208 Rear Coupling Air Lines	0115	00
	1209 Air Compressor Coolant Lines	0116	00
	1209 Air Compressor and Related Parts	0117	00
Group 13	WHEELS		
	1311 Front Wheel Hub	0118	00
	1311 Rear Wheel Hub	0119	00
	1313 Tire, Wheel Assembly, and Wheel Valve	0120	00
Group 14	STEERING		
	1401 Steering Wheel, Pitman Arm, Drag Link Assembly, and Steering Assist Hoses	0121	00
	1412 Steering Assist Cylinder	0122	00
	1414 Steering Assist Regulator and Shutoff Valve	0123	00
Group 15	FRAME AND TOWING ATTACHMENTS		
	1501 Frame Assembly	0124	00
	1501 Front Shackles (W/Winch)	0125	00
	1501 Front Shackles (W/O Winch), Rear Shackles	0126	00
	1503 Pintle Hook Support Bracket	0127	00
	1504 Spare Tire Carrier	0128	00
Group 16	SPRINGS AND SHOCK ABSORBERS		
	1601 Front Suspension Mounting Hardware	0129	00
	1604 Shock Absorber	0130	00

TABLE OF CONTENTS (Contd)

		W P	Sequence No.
Group 18	BODY, CAB, HOOD, AND HULL		
	1801 Cab Assembly and Mounting Hardware, Hood Assembly and Related Parts	0131	00
	1801 Hood, Dash, and Floor Insulation	0132	00
	1801 Hood Side Panels	0133	00
	1802 Fender, Side Panels, Windshield Frame, and Mounting Hardware	0134	00
	1805 Cab Floor Tunnel and Mounting Hardware	0135	00
	1806 Driver's Seat Assembly and Related Parts	0136	00
	1806 Seatbelt Reinforcements and Posts	0137	00
	1806 Right and Left Seatbelts	0138	00
	1806 Center Seatbelt	0139	00
	1810 Cargo Body and Sill	0140	00
Group 20	WINCH		
	2001 Winch Reservoir Lines and Related Parts	0141	00
	2001 Winch Reservoir Filter, Valves, and Mounting Hardware	0142	00
	2001 Winch Reservoir Assembly and Related Parts	0143	00
	2001 Winch Motor and Related Parts	0144	00
	2001 Winch Pump and Lines	0145	00
	2001 Winch Air Valves and Lines	0146	00
	2001 Winch Reservoir Splash Guard	0147	00
	2001 Winch Assembly and Mounting Hardware	0148	00
Group 21	BUMPERS AND GUARDS		
	2101 Bumper and Bumperettes	0149	00
	2101 Brush Guard and Mounting Hardware	0150	00
Group 22	ACCESSORY ITEMS		
	2201 Cab Soft Top	0151	00
	2202 Wiper Motor, Conlink Covers, and Mounting Hardware	0152	00
	2202 Windshield Wiper, Conlink Assembly, and Related Parts	0153	00
	2202 Rearview Mirror Assemblies and Related Parts	0153	01
	2207 Personnel Heater Inlet and Outlet Hoses	0154	00
	2207 Personnel Heater and Related Parts	0155	00
	2207 Diverter Box, Heat Ducts, Cables, and Related Parts	0156	00
	2210 Instrument Panel Data Plates	0157	00
	2210 Instrument Panel and Winch Data Plates	0158	00
	2210 Engine and Cab Decals	0159	00
Group 33	SPECIAL PURPOSE KITS		
	3301 Engine Shipping Container	0160	00
	3301 Transmission Shipping Container	0161	00
	3301 Transfer Transmission Shipping Container	0162	00
	3303 Kit, Thermal Barrier	0163	00
	3303 Kit, Winter Front	0164	00
	3303 Kit, Personnel Heater	0165	00
	3303 Kit, Arctic Powerplant and Battery Heater	0166	00
	3303 Kit, Cab and Engine Swingfire Heater	0167	00
	3305 Kit, Deep Water Fording	0168	00
	3307 Kit, Chemical Agent Alarm	0169	00
	3307 Kit, Alternator Conversion (60 AMP to 100 AMP)	0170	00
Group 43	CENTRAL TIRE INFLATION SYSTEM		
	4316 CTIS Air Dryer Assembly	0171	00
	4316 CTIS Air Lines	0172	00

TABLE OF CONTENTS (Contd)

		W P	Sequence No.
	4316 CTIS Air Lines and Fittings, Front Wheels	0173	00
	4316 CTIS Air Lines and Fittings, Rear Wheels	0174	00
	4317 CTIS Manifold Assembly, Bracket, and Related Parts	0175	00
	4317 CTIS Controller Assembly, Bracket, and Mounting Hardware	0176	00
	4317 CTIS Manifold Fittings	0177	00
Group 47	GAUGES (NON-ELECTRICAL)		
	4701 Speedometer Driveshaft Adapter and Related Parts	0178	00
	4701 Speedometer and Related Parts	0179	00
Group 94	KITS		
	9401 Service Kits	0180	00
Group 95	BULK		
	9501 Bulk	0181	00
Group 26	TOOL AND TEST EQUIPMENT		
	2604 Special Tools	0182	00
	National Stock Number Index	0183	00
	Part Number Index	0184	00

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

**M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).**

SCOPE

This RPSTL lists and authorizes spare and repair parts; special tools; test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit, direct support, and general support maintenance of the 2-1/2-ton, 6x6, ESP 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.

GENERAL

In addition to the Introduction Work Package, this Repair Parts and Special Tools List is divided into the following work packages:

1. Repair Parts List Work Packages. Work packages list of spare 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 alpha-numeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets filters and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG BULK at the end of the work package. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustration(s)/figure(s).

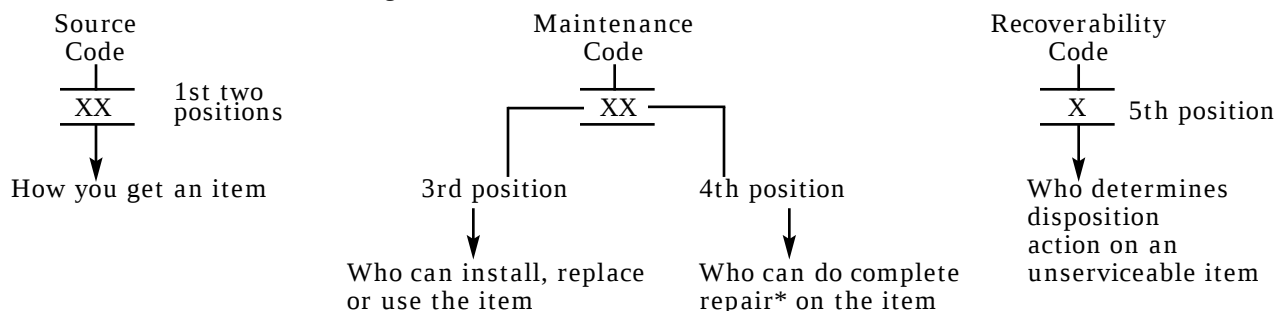
2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column). Tools that are components of common tool sets and/or Class VII are not listed.

3. Cross-Reference Indexes Work Packages. There are two cross-reference indexes work packages in this RPSTL: The National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number appearance. The Part Number Index work package list all part numbers in alphanumeric sequence and refers you to the figure and item number appearance.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

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:



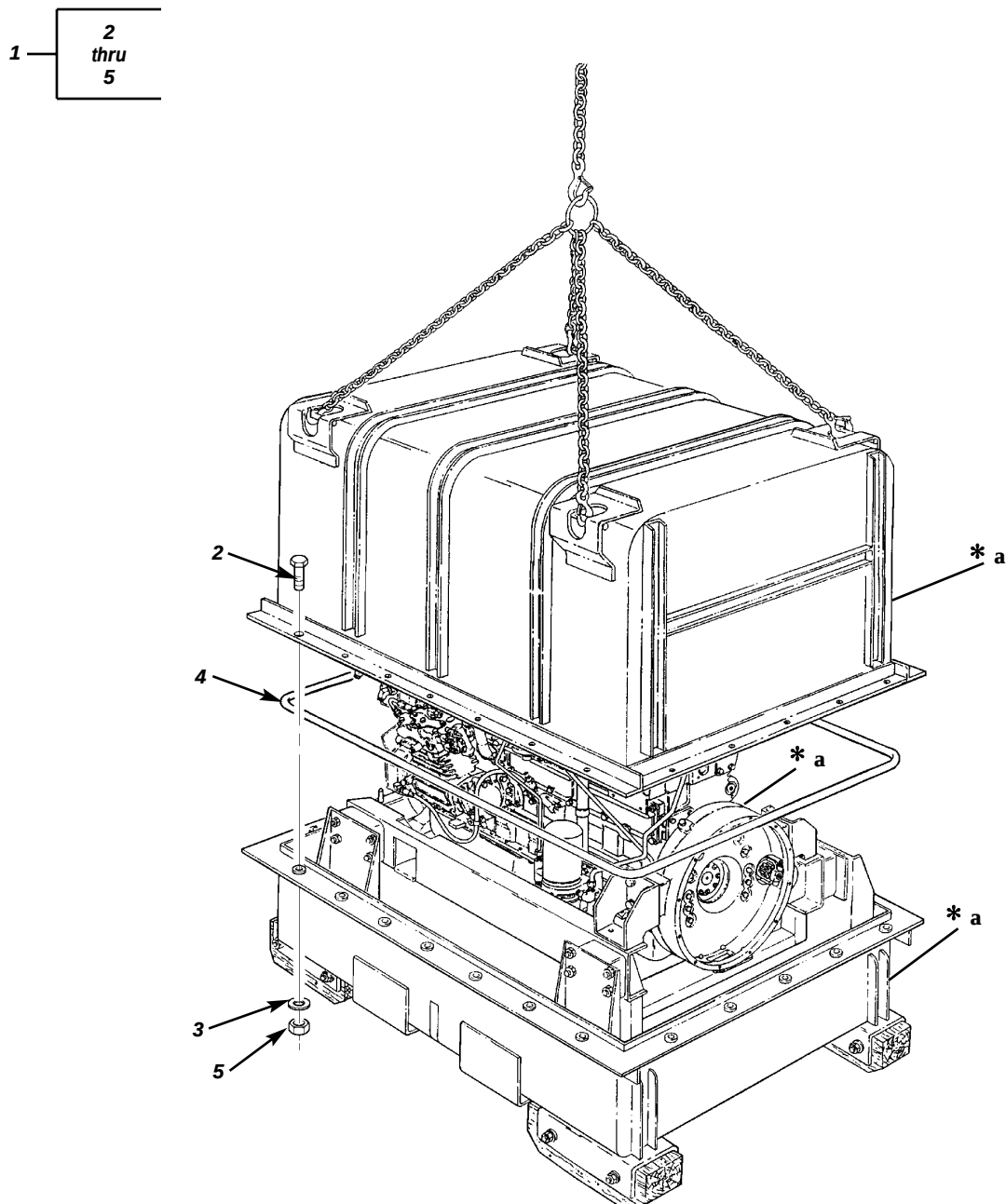
* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the Repair function in a use/user environment in order to restore serviceability to a failed item.

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).



* a PART OF ITEM 1

Figure 1. Engine with Container.

			TM9-2320-386-24P			0002 00
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 01 ENGINE
0100 ENGINE ASSEMBLY

FIG. 1 ENGINE WITH CONTAINER

1	PGFHH	2815014186188	19207	57K3349	ENGINE, DIESEL.....	1
2	PAFZZ	5305000712070	80204	B1821BH050C175N	.SCREW, CAP, HEXAGON.....	24
3	PAFZZ	5310008095998	96906	MS27183-18	.WASHER, FLAT.....	24
4	PAFZZ	5330014418747	19207	12448786	.GASKET.....	1
5	PAFZZ	5310007680318	96906	MS51967-14	.NUT, PLAIN, HEXAGON.....	24

END OF FIGURE

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).

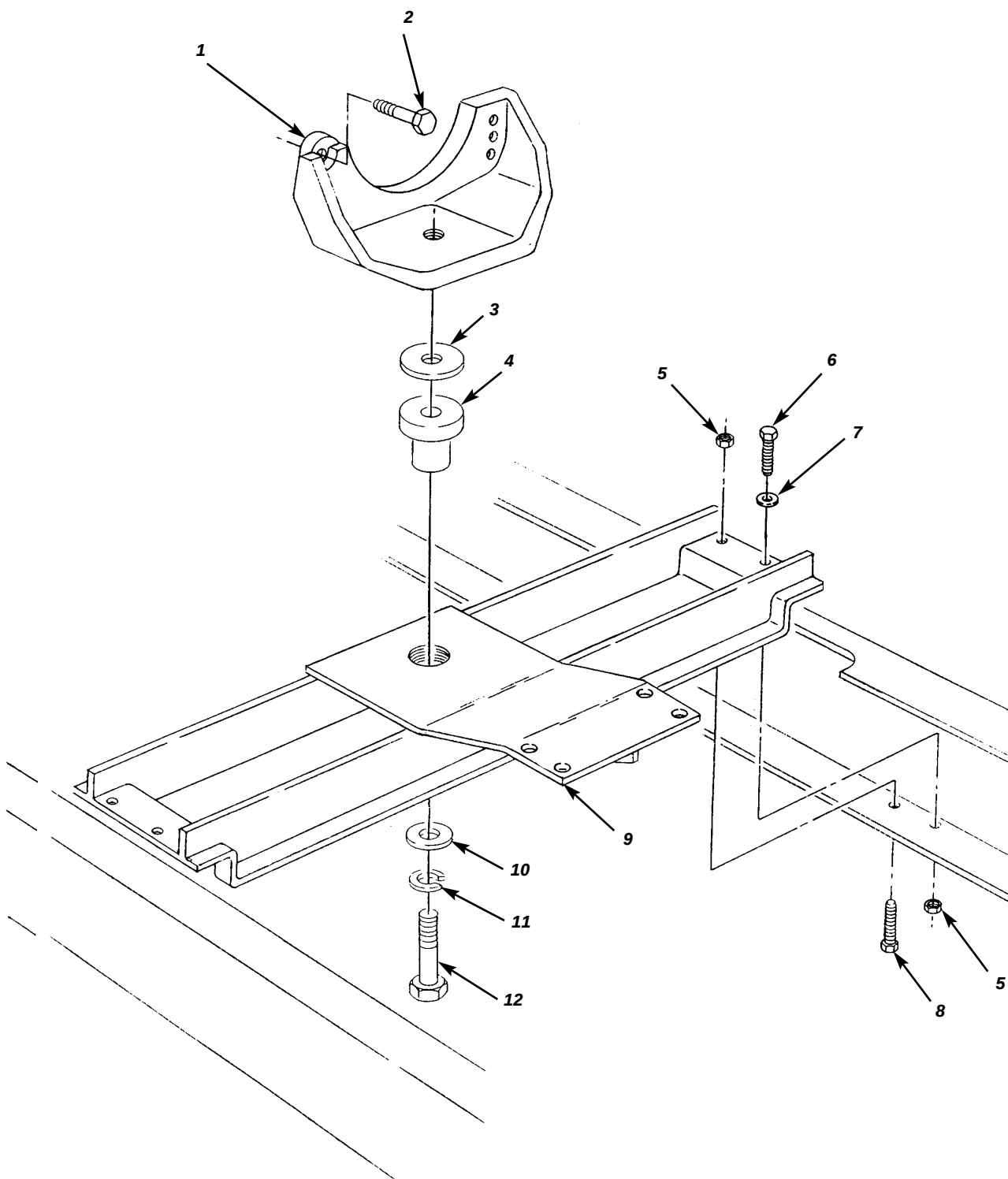


Figure 2. Engine Mounting Pad and Front Support Bracket.

			TM9-2320-386-24P			0003 00
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 0100 ENGINE ASSEMBLY

FIG. 2 ENGINE MOUNTING PAD AND FRONT
SUPPORT BRACKET

1	PAFZZ	5342013974266	11083	7E1718	MOUNT, RESILIENT.....	1
2	PAFZZ	5305013208044	24617	11500950	SCREW, CAP, HEXAGON H.....	6
3	PAOZZ	5310014123560	19207	12448745-1	WASHER, FLAT.....	1
4	PAOZZ	5365010920154	19207	12448741	BUSHING, NONMETALLIC.....	1
5	PAFZZ	5310009353607	96906	MS51988-10	NUT, SELF-LOCKING, EX.....	4
6	PAFZZ	5305007098539	96906	MS90727-89	SCREW, CAP, HEXAGON H.....	2
7	PAFZZ	5310009309224	19207	10937876	WASHER, FLAT.....	2
8	PAFZZ	5305007098542	80204	B1821BH044F200N	SCREW, CAP, HEXAGON H.....	2
9	PAFZZ	2510014075740	34623	RCSK16843	FRAME SECTION, STRUC.....	1
10	PAOZZ	5310014071646	19207	12448745-3	WASHER, FLAT.....	1
11	PAOZZ	5310014415200	24617	11500166	WASHER, LOCK.....	1
12	PAOZZ	5306014417439	24617	11505050	BOLT, MACHINE.....	1

END OF FIGURE

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).

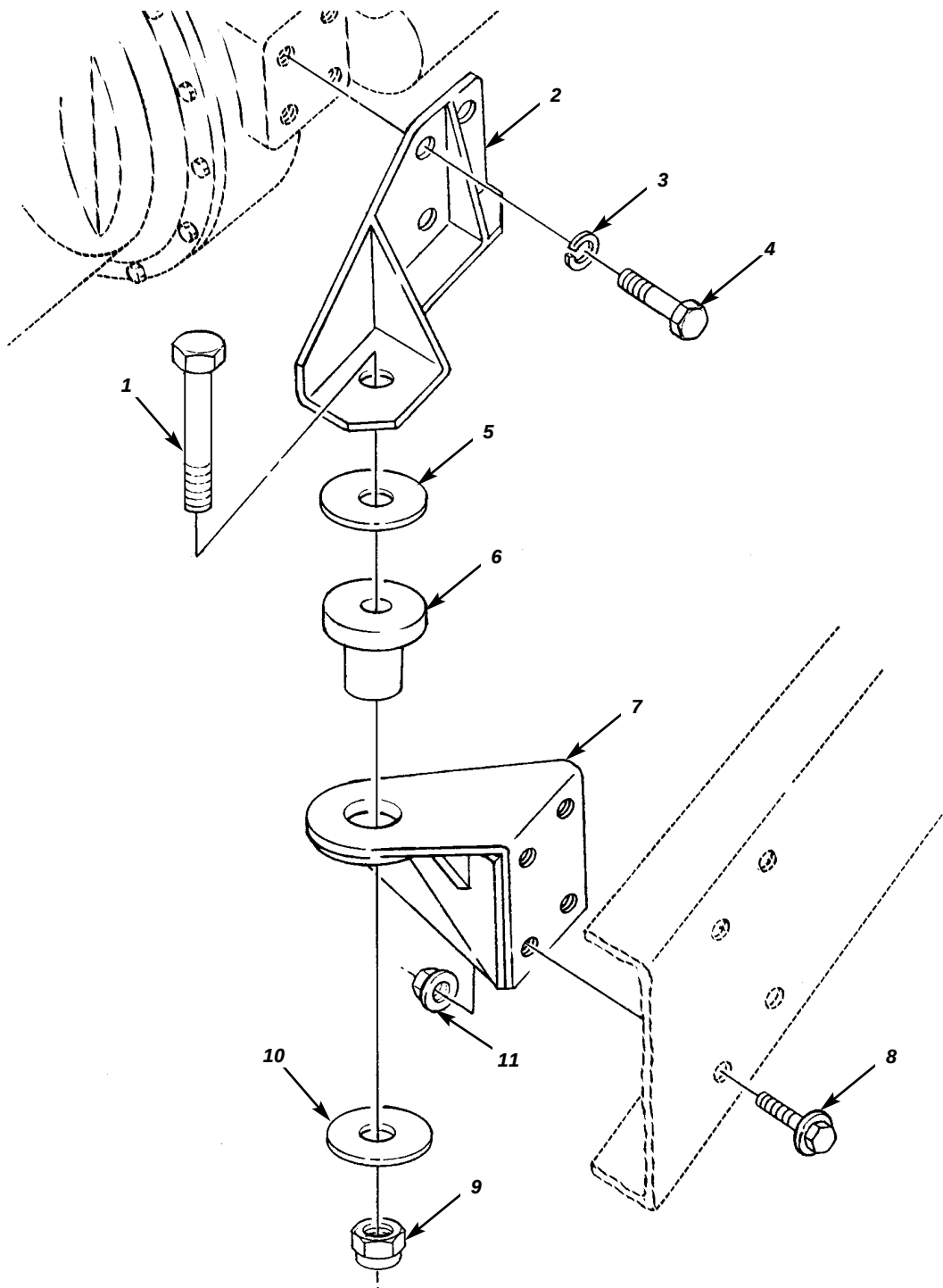


Figure 3. Engine Mounting Brackets.

(1)	(2)	(3)	TM9-2320-386-24P			0004 00
ITEM	SMR		(4)	(5)	(6)	(7)
NO	CODE	NSN	CAGEC	PART	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				NUMBER		

GROUP 0100 ENGINE ASSEMBLY

FIG. 3 ENGINE MOUNTING BRACKETS

1	PAFZZ	5306014090971	24617	223833	BOLT, MACHINE.....	2
2	PAFZZ	2510014079284	19207	12448708	BRACKET, ENGINE MOUN L.H.....	1
2	PAFZZ	5340014076227	34623	RCSK14538	BRACKET, MOUNTING R.H.....	1
3	PAFZZ	5310014070275	24617	11500165	WASHER, LOCK.....	8
4	PAFZZ	5306014080874	24617	11501750	BOLT, MACHINE.....	8
5	PAFZZ	5310014071646	19207	12448745-3	WASHER, FLAT.....	2
6	PAFZZ	5365010920154	19207	12448741	BUSHING, NONMETALLIC.....	2
7	PAFZZ	2590014091205	19207	12448431	BRACKET, VEHICULAR C L.H.....	1
7	PAFZZ	2590014091208	19207	12448434	BRACKET, VEHICULAR C R.H.....	1
8	PAFZZ	5306014081949	19207	12448438-13	BOLT, MACHINE.....	8
9	PAFZZ	5310000200360	72962	41NE126	NUT, SELF-LOCKING, HE.....	2
10	PAFZZ	5310014123560	19207	12448745-1	WASHER, FLAT.....	2
11	PAFZZ	5310014070279	34623	RCSK14722-1	NUT, SELF-LOCKING, EX.....	8

END OF FIGURE

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).

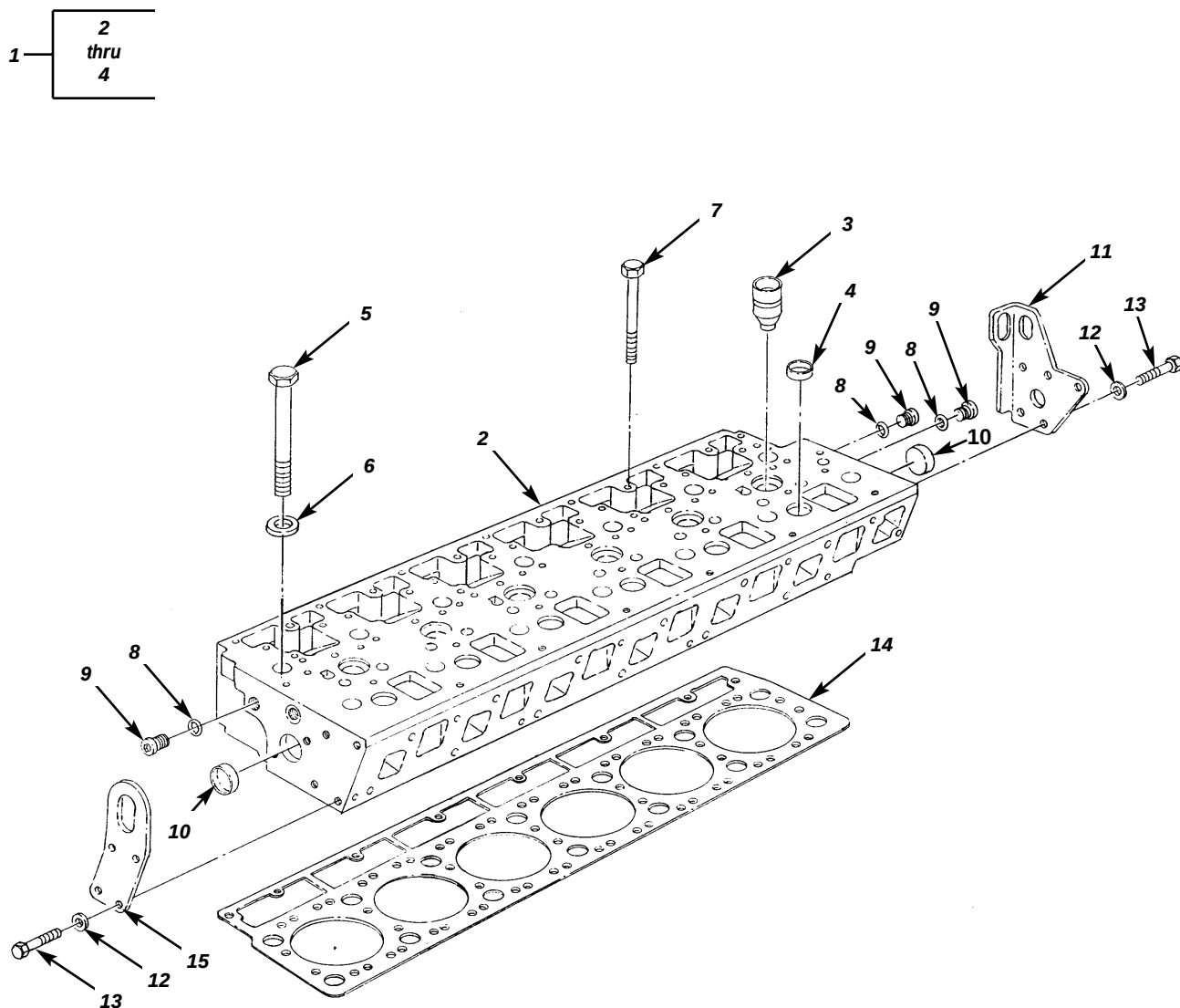


Figure 4. Cylinder Head Assembly and Related Parts.

			TM9-2320-386-24P			0005 00
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD

FIG. 4 CYLINDER HEAD ASSEMBLY AND RELATED PARTS

1	PAFHH	2815013983375	11083	107-7592	CYLINDER HEAD, DIESE.....	1
2	XAFHH		11083	4P5125	.CYLINDER HEAD.....	1
3	PAHZZ	2815013621159	11083	119-3061	.CYLINDER SLEEVE.....	6
4	PAHZZ	4730004706644	11083	8M5860	.PLUG, TRACTOR.....	6
5	PAFZZ	5305013609088	11083	8T0657	SCREW, CAP, HEXAGON H.....	14
6	PAFZZ	5365013601034	11083	8T3282	SPACER, RING.....	14
7	PAFZZ	5305013601989	11083	8T5030	SCREW, CAP, HEXAGON H.....	6
8	PAFZZ	5330006136500	11083	1J9671	PACKING, PREFORMED PART OF KIT P/N 4R9801 PART OF KIT P/N 7X2528 PART OF KIT P/N 9X8318.....	3
9	PAFZZ	5365010354899	19207	11621436-1	PLUG, MACHINE THREAD.....	3
10	PAFZZ	5340004106762	11083	2M6471	PLUG, EXPANSION.....	2
11	PAFZZ	2510013982006	11083	9Y8950	BRACKET, ENGINE MOUN.....	1
12	PAFZZ	5310013522753	11083	8T4121	WASHER, FLAT.....	4
13	PAFZZ	5306013601634	11083	8T4136	BOLT, MACHINE.....	4
14	PAFZZ	5330013607172	11083	4P6930	GASKET PART OF KIT P/N 9X8318.....	1
15	PAFZZ	2510013982007	11083	4W1682	BRACKET, ENGINE MOUN.....	1

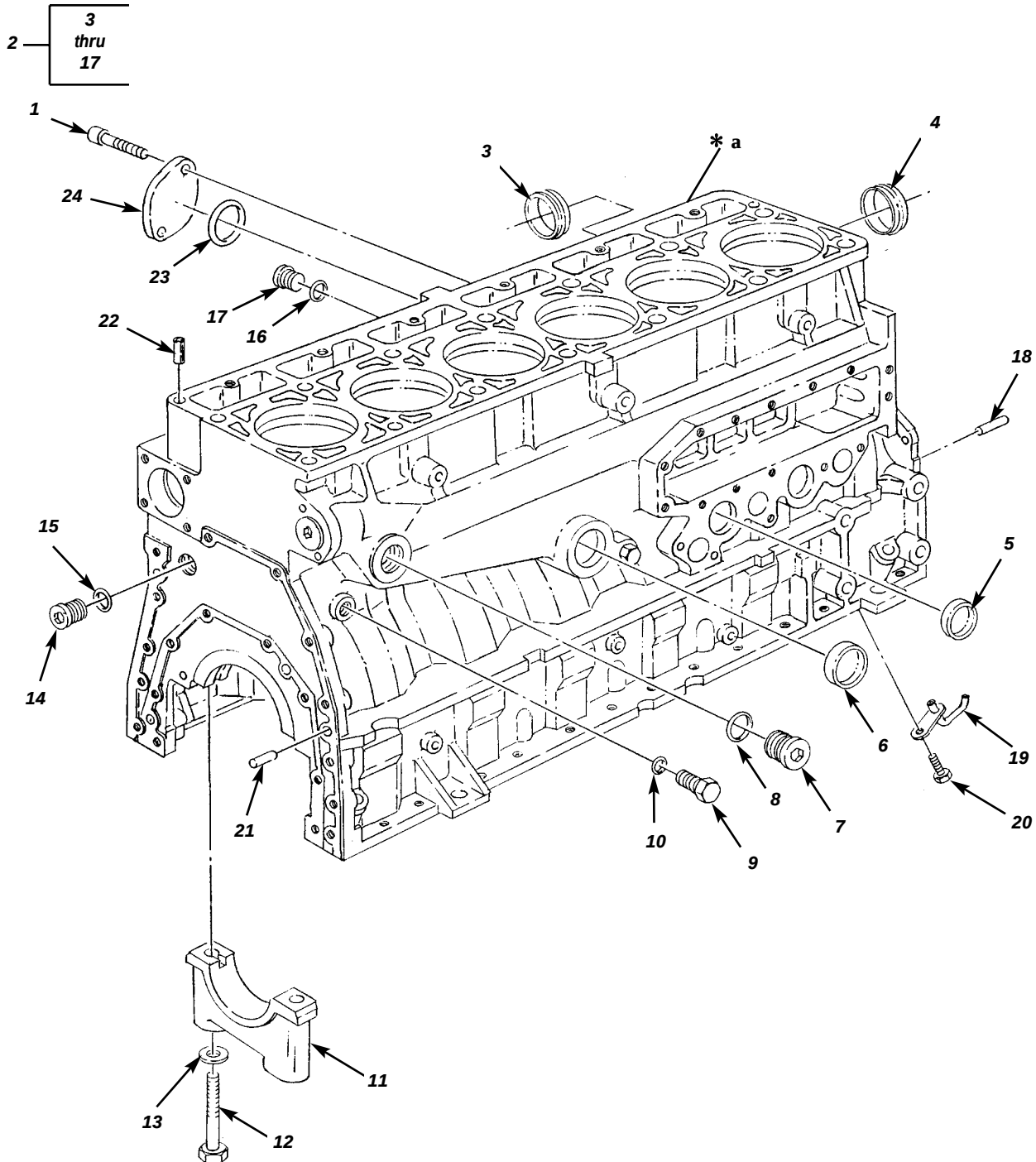
END OF FIGURE

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).



* a PART OF ITEM 2

Figure 5. Cylinder Block Assembly and Related Parts.

TM9-2320-386-24P					0006 00	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR	NSN	CAGEC	PART	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
NO	CODE			NUMBER		
GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD						
FIG. 5 CYLINDER BLOCK ASSEMBLY AND RELATED PARTS						
1	PAOZZ	5305013981281	11083	8T1159	SCREW, CAP, SOCKET HE.....	2
2	PFHHH	2815014345170	11083	129-1095	ENGINE BLOCK, DIESEL.....	1
3	PAHZZ	3120013607529	11083	2W7213	. BEARING, SLEEVE.....	6
4	PAHZZ	3120013611161	11083	2W7211	. BEARING, SLEEVE.....	1
5	PAFZZ	2990013984502	5L199	24387-A	. MUFFLER, EXHAUST.....	2
6	PAFZZ	5342000076350	11083	3H5552	. PLUG.....	1
7	PAFZZ	4730010643790	11083	9S8008	. PLUG.....	2
8	PAFZZ	5331009448281	11083	3D2824	. O-RING PART OF KIT P/N 4R9801 PART OF KIT P/N 7X2521.....	2
9	PAFZZ	5306013601632	11083	8T0293	. BOLT, MACHINE.....	2
10	PAFZZ	5310003627988	11083	6F7062	. WASHER, FLAT PART OF KIT P/N 7X2521.	2
11	PAHZZ	3130013607564	11083	7E2968	. CAP, PILLOW BLOCK MAIN BEARING.....	7
12	PAHZZ	5306013601633	11083	9X8916	. BOLT, MACHINE.....	14
13	PAHZZ	5310010954631	11083	5P8247	. WASHER, FLAT.....	14
14	PAFZZ	2530010625318	11083	9S8006	. PLUG.....	1
15	PAFZZ	5330009390687	11083	2M9780	. PACKING, PREFORMED PART OF KIT P/N 4R9801 PART OF KIT P/N 7X2521.....	1
16	PAFZZ	5331009486482	11083	3K0360	. O-RING PART OF KIT P/N 4R9801 PART OF KIT P/N 7X2521.....	1
17	PAFZZ	5365010318183	11083	9S8005	. PLUG, MACHINE THREAD.....	1
18	PAHZZ	5315011881865	11083	6V3538	PIN, STRAIGHT, HEADLE.....	4
19	PAHZZ	4710013982003	11083	4P2457	TUBE ASSEMBLY, METAL.....	6
20	PAHZZ	5305013601009	11083	6V3940	SCREW, CAP, HEXAGON H.....	6
21	PAFZZ	5315013606728	11083	7N5683	PIN, STRAIGHT, HEADLE.....	2
22	PAOZZ	3120013506845	11083	1W8407	BUSHING, SLEEVE.....	2
23	PAOZZ	5331000384327	11083	4F9653	O-RING PART OF KIT P/N 4R9801 PART OF KIT P/N 7X2521.....	1
24	PAOZZ	5340013974267	11083	7E7515	COVER, ACCESS.....	1

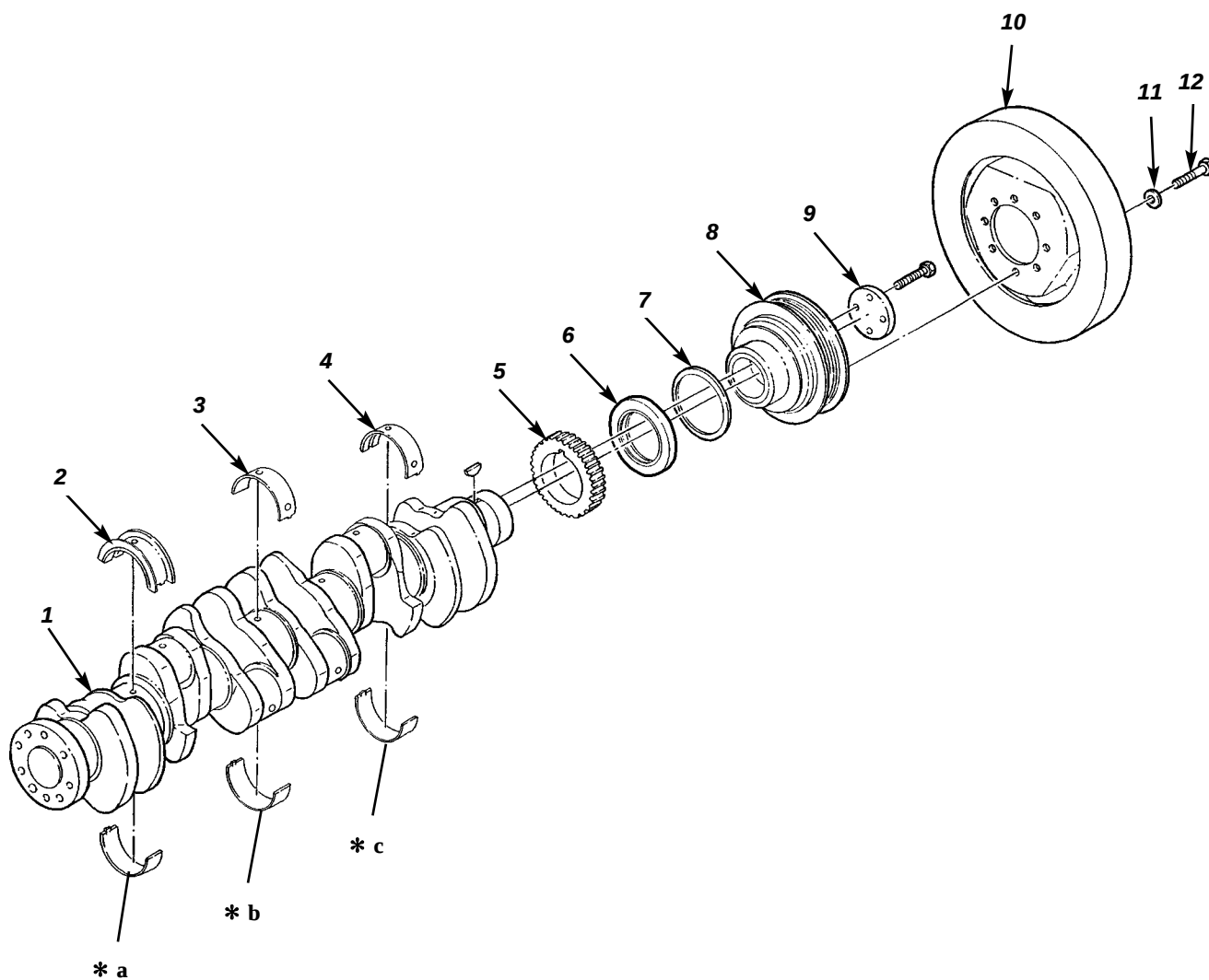
END OF FIGURE

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

EXTENDED SERVICE PROGRAM (ESP)

TRUCK, CARGO, 2-1/2-TON, 6X6, M44A3 SERIES TRUCKS (DIESEL)

M35A3, W/O WINCH (NSN 2320-01-383-2047); W/WINCH (NSN 2320-01-383-3850);
M35A3C, W/O WINCH (NSN 2320-01-383-2050); W/WINCH (NSN 2320-01-383-2049);
M36A3, W/O WINCH (NSN 2320-01-383-2048); W/WINCH (NSN 2320-01-383-2046).



- * a PART OF ITEM 2
- * b PART OF ITEM 3
- * c PART OF ITEM 4

Figure 6. Crankshaft, Pulley, and Dampener.

TM9-2320-386-24P					0007 00	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0102 CRANKSHAFT						
FIG. 6 CRANKSHAFT, PULLEY, AND DAMPENER						
1	PAHZZ	2815013990833	11083	105-1725	CRANKSHAFT, ENGINE.....	1
2	PAHZZ	3120013991541	11083	107-7602	BEARING, WASHER, THRU.....	1
2	PAHZZ	3120013605294	11083	7C6969	BEARING, SLEEVE 0.5MM OS.....	V
2	PAHZZ	3120013605295	11083	7C6970	BEARING, SLEEVE 0.5MM US-0.5MM OS...	V
2	PAHZZ	3120013605296	11083	7C6966	BEARING, SLEEVE 0.25MM US.....	V
2	PAHZZ	3120013605297	11083	7C6967	BEARING, SLEEVE 0.5MM US.....	V
3	PAHZZ	3120013605293	11083	7W9417	BEARING, SLEEVE.....	3
3	PAHZZ	3120013605299	11083	7C6974	BEARING, SLEEVE 0.5MM OS.....	V
3	PAHZZ	3120013605956	11083	7C6975	BEARING, SLEEVE.....	V
3	PAHZZ	3120013605957	11083	7C6971	BEARING, SLEEVE 0.25MM US.....	V
3	PAHZZ	3120013605300	11083	7C6972	BEARING, SLEEVE 0.5MM US.....	V
4	PAHZZ	3120013605291	11083	7W9414	BEARING, SLEEVE.....	3
4	PAHZZ	3120013611157	11083	7C6964	BEARING, SLEEVE 0.5MM OS.....	V
4	PAHZZ	3120013613151	11083	7C6965	BEARING, SLEEVE 0.5MM US-0.5MM OS...	V
4	PAHZZ	3120013611158	11083	7C6961	BEARING, SLEEVE 0.25MM US.....	V
4	PAHZZ	3120013611159	11083	7C6962	BEARING, SLEEVE 0.5MM US.....	V
5	PAFZZ	5330013609023	11083	4R8831	SEAL, PLAIN ENCASED PART OF KIT P/N 4R9801 PART OF KIT P/N 5R9051.....	1
6	PAFZZ		11083	4R9999	EXCLUDER PART OF KIT P/N 4R9801 PART OF KIT P/N 5R9051.....	1
7	PAFZZ	3020014081534	11083	4P4454	PULLEY, GROOVE.....	1
8	PAFZZ	3040013612508	11083	2W7381	PLATE, RETAINING, SHA.....	1
9	PAFZZ	5305013600999	11083	8T3666	SCREW, CAP, HEXAGON H.....	4
10	PAFZZ	2815013854719	11083	7C8444	DAMPENER, VIBRATION,	1
11	PAFZZ	5310013522753	11083	8T4121	WASHER, FLAT.....	8
12	PAFZZ	5306013600932	11083	8T4186	BOLT, MACHINE.....	8

END OF FIGURE