

TM 9-2350-256-24P-1

THIS MANUAL SUPERSEDES MANUALS DATED MAY 1977.
SEE TABLE OF CONTENTS PAGE FOR DETAILS.

TECHNICAL MANUAL

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

FOR

RECOVERY VEHICLE, FULL TRACKED; MEDIUM

M88A1 (NSN 2350-00-122-6826)

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

29 MAY 1992

UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR. PARTS AND SPECIAL TOOLS LIST
(Including Depot Maintenance
Repair Parts and Special Tools)

FOR

RECOVERY VEHICLE, FULL TRACKED; MEDIUM

M88A1 (NSN 2350-00-122-6826)

Current as of 15 November 1994

REPORTING OF ERRORS

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

SECTION I. INTRODUCTION

1. Scope.

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Unit, Direct Support, and General Support maintenance of the M88A1 Recovery Vehicle. 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 Repair Parts and Special Tools List 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 functional 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).

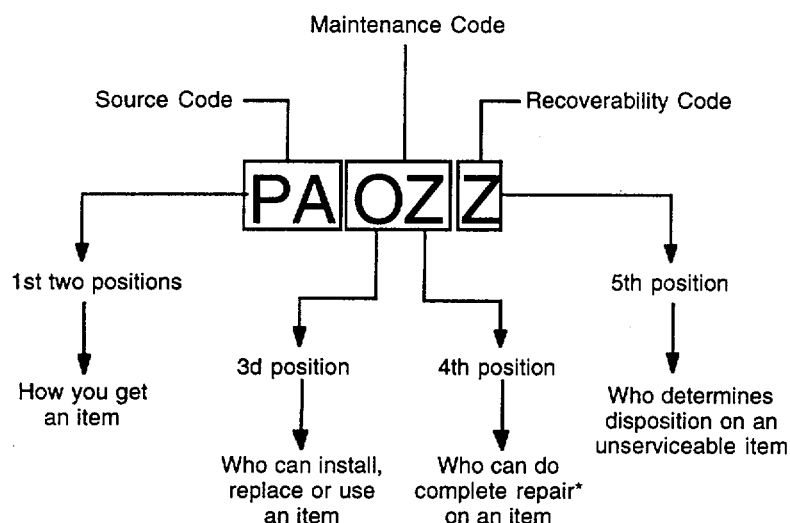
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-reference Indexes. 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 (NSN's) 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 NSN, CAGEC and part numbers.

3. Explanation of Columns (Section 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 example:



*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.

(1) Source Code. The source code tells you how to get an item needed for maintenance, repair or overhaul of an end item/equipment. Explanation of source codes follows:

Code	Explanation
PA PB PC** PD PE PF PG	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code. **NOTE: Items coded PC are subject to deterioration.

KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
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MO- (Made at Org/ AVUM Level) MF- (Made at DS/ AVUM LEVEL) MH- (Make at Gs Level) ML- (Made a Spe- cialized Repair Activity (SRA)) MD- (Made at Depot)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number or NSN in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
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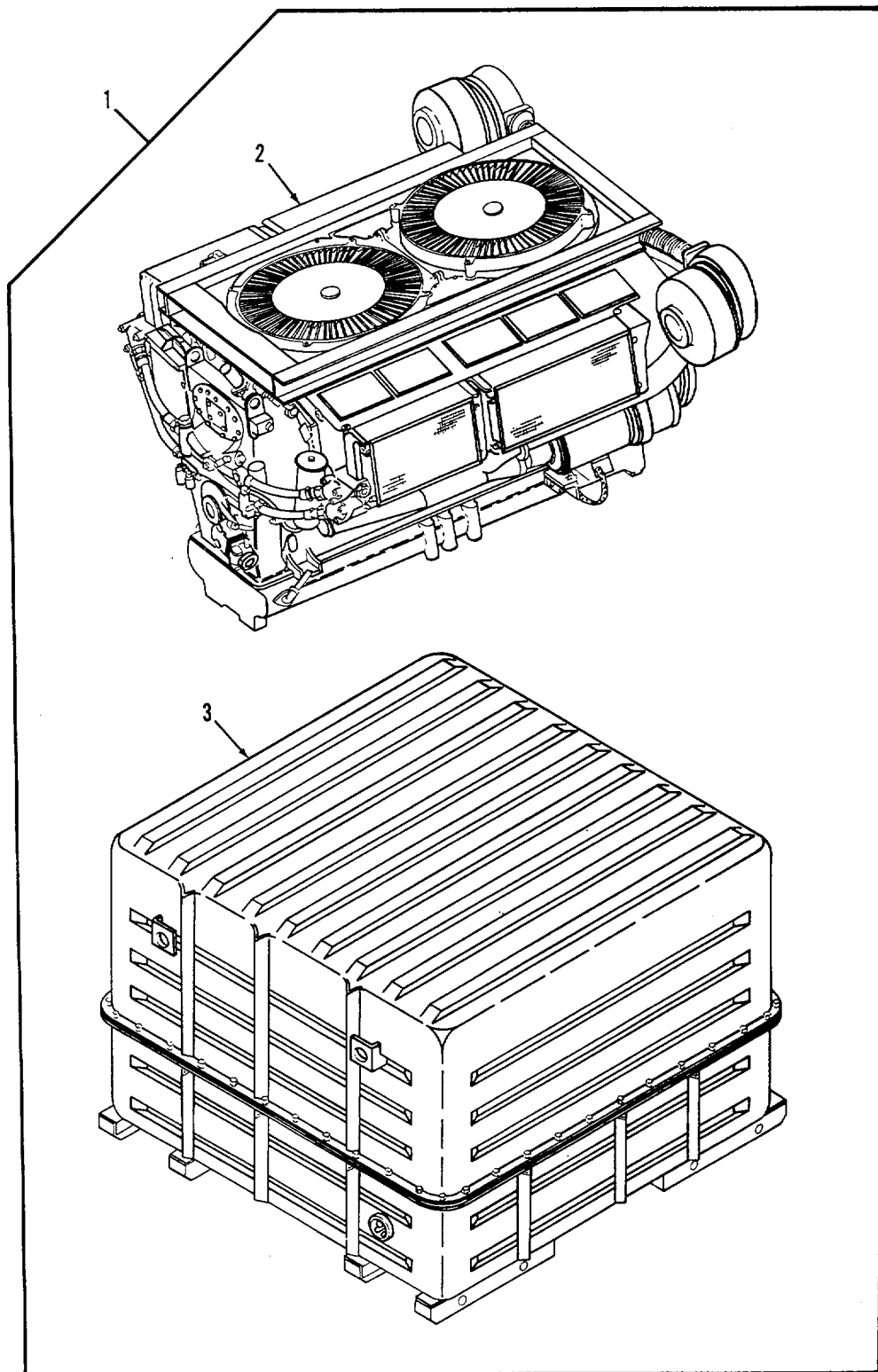


Figure 1. Engine Assembly with Container

SECTION II		TM9-2350-256-24P-1			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP: 0100	
				FIGURE 1. ENGINE ASSEMBLY WITH CONTAINER	
1	PAFHD	19207	5704489	ENGINE WITH CONTAIN	1
2	XAFHD	19207	11684150	ENGINE ASSY	1
3	PAFDD	19207	10912269	SHIPPING AND STORAG	1
				END OF FIGURE	

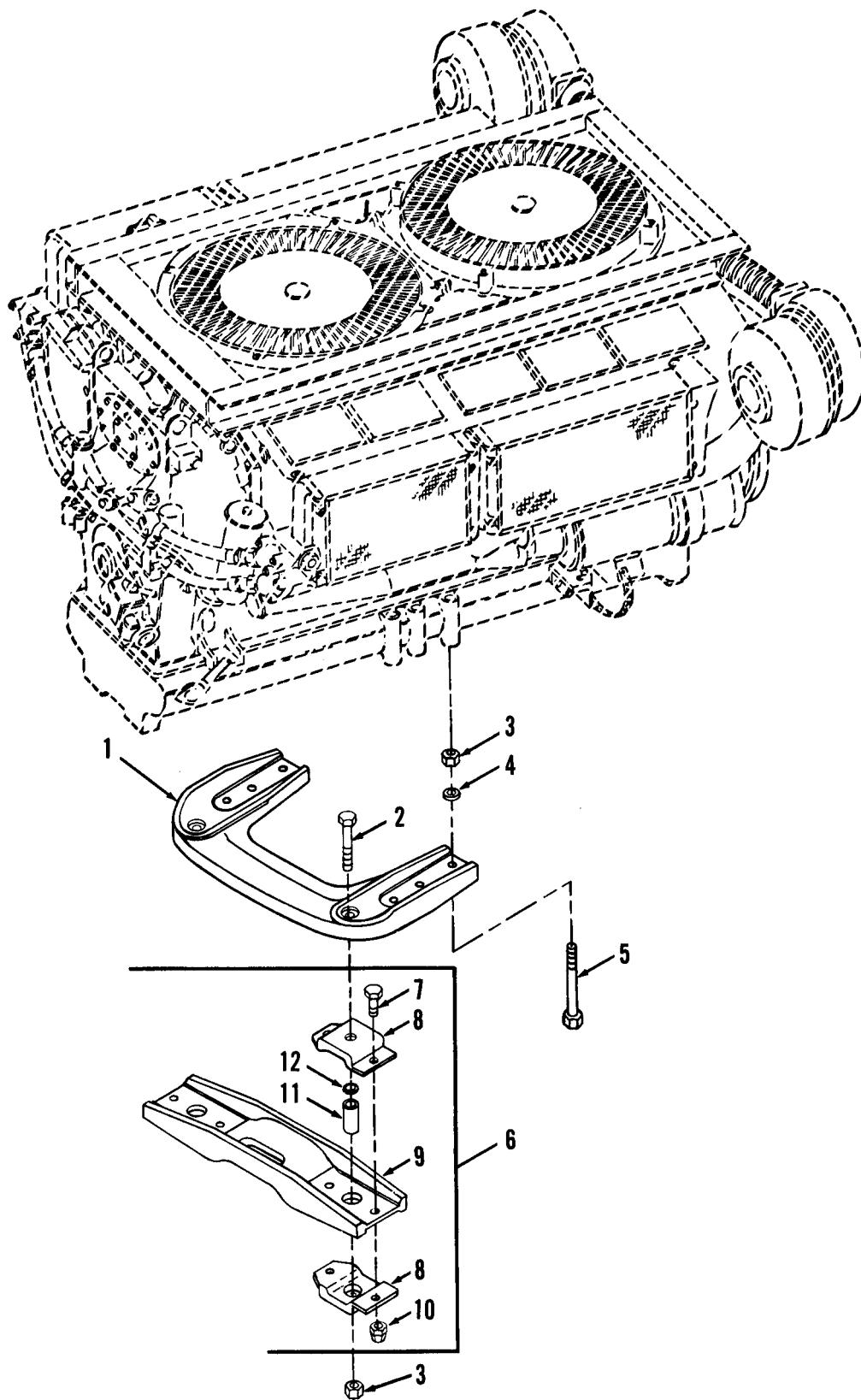


Figure 2. Engine Front Mounting

SECTION II

TM9-2350-256-24P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP: 0100					
FIGURE 2. ENGINE FRONT MOUNTING					
1	PAOZZ	19207	11671085	ENGINE, MOUNT	1
2	PAOZZ	96906	MS90727-199	SCREW,CAP,HEXAGON H	2
3	PAOZZ	96906	MS51922-61	NUT,SELF-LOCKING,HE	8
4	PAOZZ	96906	MS27183-23	WASHER,FLAT	6
5	PAOZZ	19207	10863824	BOLT,MACHINE	6
6	PAOOO	19207	8383247	MOUNT,RESILIENT	1
7	PAOZZ	96906	MS90727-164	•SCREW,CAP,HEXAGON H	4
8	PAOZZ	19207	7360494	•MOUNTING,ASSY ENGIN	4
9	XAOZZ	19207	7360495	•SADDLE.....	1
10	PAOZZ	96906	MS51922-53	•NUT,SELF-LOCKING,HE	4
11	PAOZZ	19207	7360492	•SPACER,SLEEVE	2
12	PAOZZ	19207	7360488	•SHIM	2

END OF FIGURE

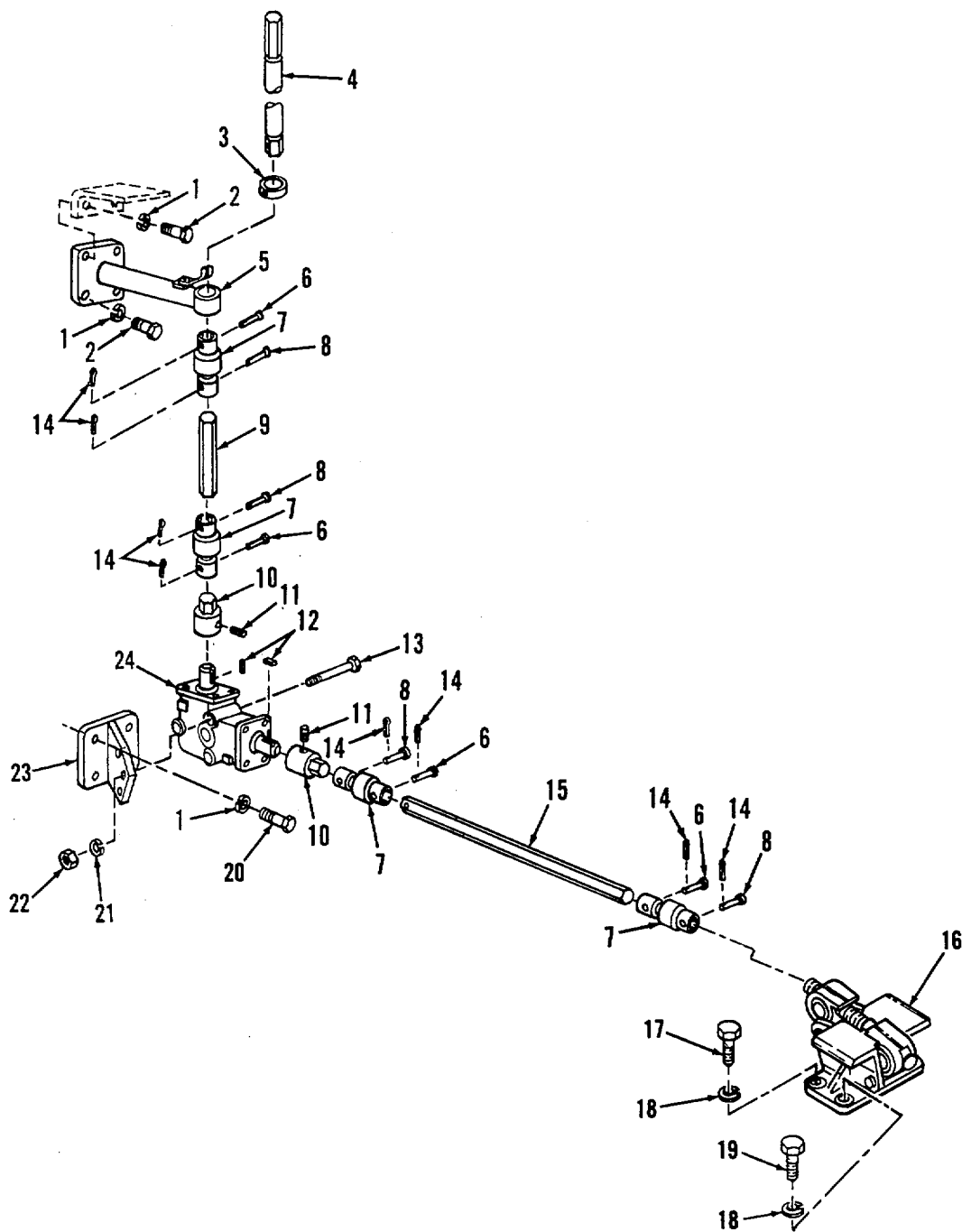


Figure 3. Engine Rear Mount and Base Assembly

SECTION II

TM9-2350-256-24P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP: 0100					
FIGURE 3. ENGINE REAR MOUNT AND BASE ASSEMBLY					
1	PAOZZ	96906	MS35338-46	WASHER, LOCK.....	8
2	PAOZZ	96906	MS90727-63	SCREW, CAP, HEXAGON H.....	4
3	PAOZZ	18876	8193067	COLLAR, SHAFT.....	1
4	PAOZZ	19207	11671051	SHAFT, STRAIGHT.....	1
5	PAOZZ	19207	11671052	BRACKET, MOUNTING.....	1
6	PACZZ	19207	7525474	PIN, STRAIGHT HEADED.....	4
7	PAOZZ	19207	7526823	UNIVERSAL JOINT.....	4
8	PAOZZ	19207	7713891	PIN, STRAIGHT, HEADED.....	4
9	PAOZZ	19207	11671050-2	SHAFT, STRAIGHT.....	1
10	PAOZZ	19207	8764385	COUPLING, ENGINE MOU.....	2
11	PAOZZ	96906	MS51964-64	SETSCREW.....	2
12	PAOZZ	97384	58313-40189-3	KEY, MACHINE.....	2
13	PAOZZ	96906	M590727-18	SCREW, CAP, HEXAGON H.....	3
14	PAOZZ	10001	12Z48PC611	PIN, COTTER.....	8
15	PAOZZ	19207	11671050-1	SHAFT, STRAIGHT.....	1
16	PAOZZ	19207	7527607	BRACKET, MOUNTING.....	1
17	PA3ZZ	96906	M590727-162	SCREW, CAP, HEXAGON H.....	2
18	PAOZZ	96906	MS35340-50	WASHER, LOCK.....	4
19	PAOZZ	80204	81821BH063F138N	SCREW, CAP, HEXAGON H.....	2
20	PADZZ	96906	MS90726-60	SCREW, CAP, HEXAGON H.....	4
21	PAFZZ	96906	MS35338-44	WASHER, LOCK.....	3
22	PAOZZ	969C6	M5S51968-2	NUT, PLAIN, HEXAGON.....	3
23	PAOZZ	19207	11671056	BRACKET, MOUNTING.....	1
24	PAOZZ	19207	8764928	DRIVE UNIT, ANGLE.....	1

END OF FIGURE

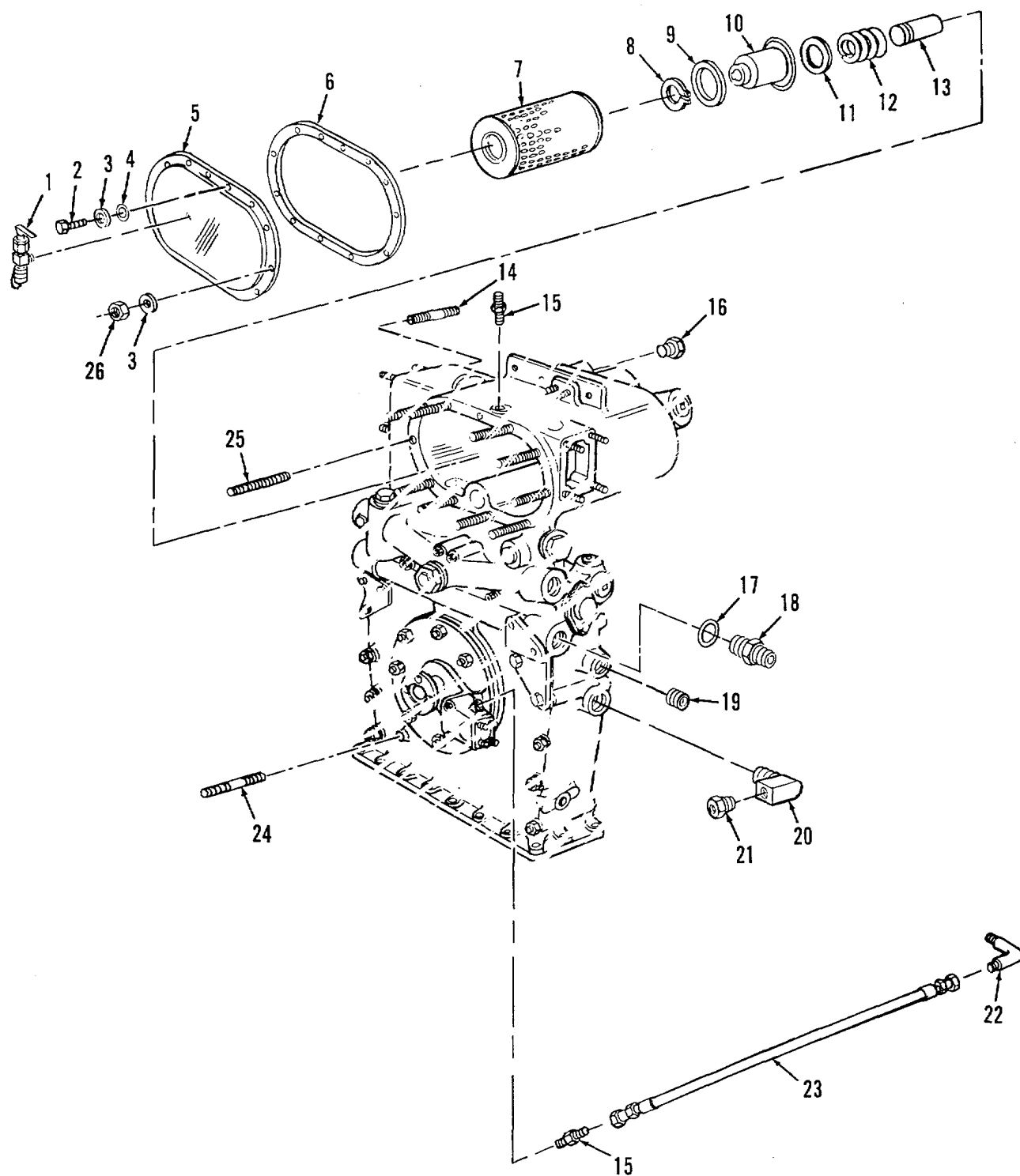


Figure 4. Damper Housing, Oil Filter and Associated Parts

SECTION II

TM9-2350-256-24P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP: 0106					
FIGURE 4. DAMPER HOUSING, OIL FILTER AND ASSOCIATED PARTS					
1	PAOZZ	19207	11669424	COCK,DRAIN.....	1
2	PAOZZ	96906	MS90727-63	SCREW,CAP,HEXAGON H.....	1
3	PAOZZ	96906	MS9320-12	WASHER,FLAT PART OF KIT P/N 5704486	10
4	PAOZZ	80205	NAS1523-6Y	PACKING WITH RETAIN PART OF KIT P/N	1
				5704486	
5	PAOZZ	19207	11684043-1	COVER, FLUID FI LTER.....	1
6	PAOZZ	19207	11684047	GASKET PART OF KIT P/N 5704486	1
7	KFOZZ	19207	11668619	FILTER ELEMENT,FLUI PART OF KIT P/N.....	2
				5704486	
8	PAOZZ	96906	MS16624-1131	RING,RETAINING.....	2
9	PAOZZ	19207	11684058	RETAINER,PACKING.....	2
10	PADZZ	19207	11684053	FILTER BOODY ,FLUID	2
11	PAOZZ	19207	11684034	WASHER,FLAT.....	2
12	PAOZZ	19207	11684066	SPRING HELICAL,COMP.....	2
13	PAOZZ	19207	11584060	SUPPORT,OIL FILTER.....	2
14	PAOZZ	19207	7767804	STUD,PLAIN	2
15	PAOZZ	96906	MS51500-A4-4S	ADAPTER,STRAIGHT,PI.....	2
16	PAOZZ	81348	WN-P-471BDOBCCA	BUSHING,PIPE	1
17	PAOZZ	19207	7403580-1	GASKET	4
18	PAOZZ	50036	7324900	ADAPTER, STRAIGHT,TU	4
19	PFOZZ	19207	11684133	BUSHING,PIPE.....	1
20	PAOZZ	88044	AN914-4	ELBOA,PIPE	1
21	PAOZZ	79470	C3109X8X6	BUSHING,PIPE.....	1
22	PAOZZ	96906	MS20822-5S	ELBOW,PIPE TO TUBE	1
23	PAOZZ	96906	PS8005FI8OA	HOSE ASSEMBLY, NONME	1
24	PAOZZ	19207	7415384	STUD, PLAIN	1
24	PAOZZ	02978	401965S	STUD, PLAIN	1
25	PAOZZ	19207	8666736	STUD, PLAIN	10
25	PAOZZ	19207	8666737	STUD, PLAIN	10
25	PAOZZ	96906	M521045-6	NUT,SELF-LOCKING,HE	10

END OF FIGURE

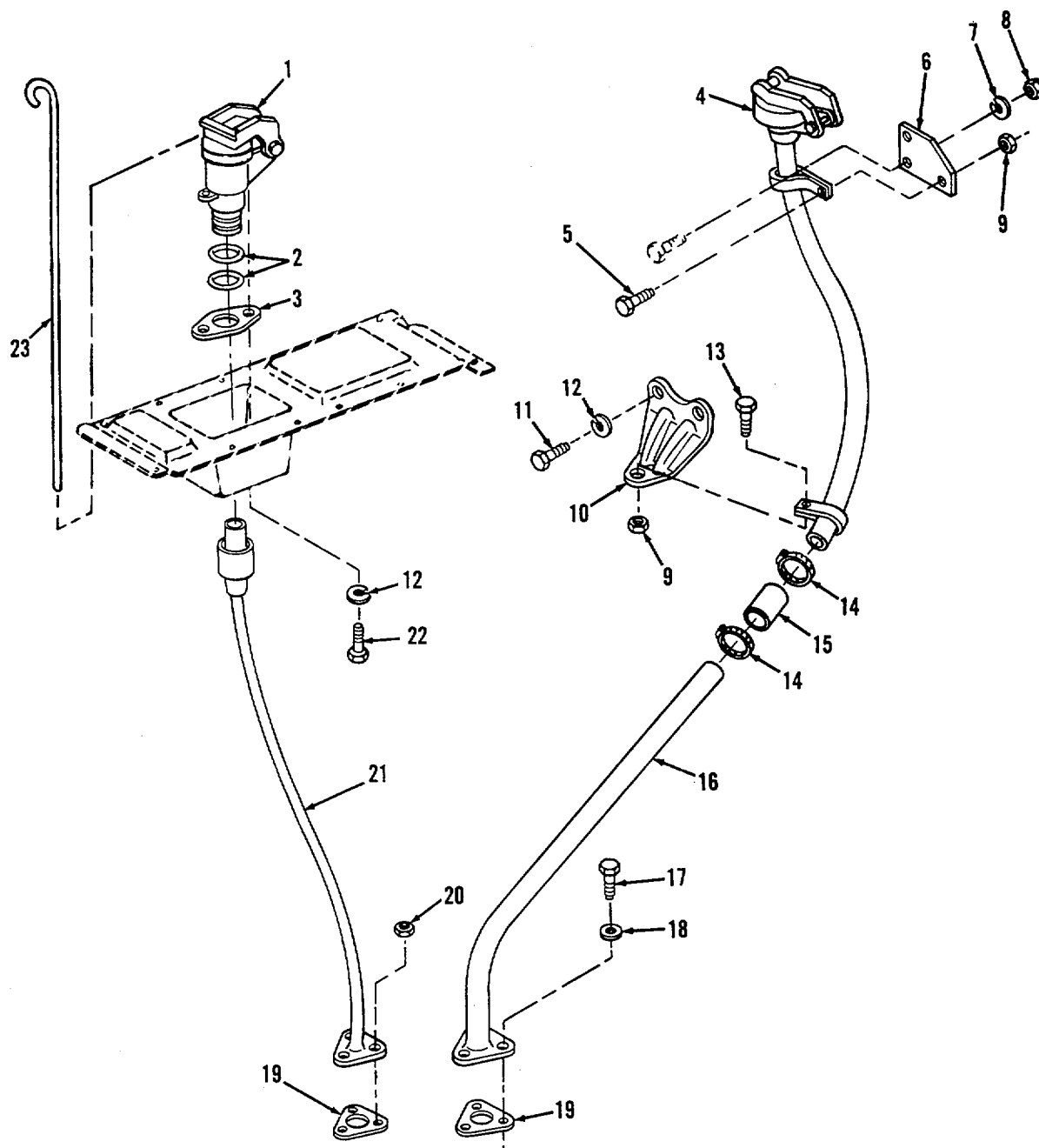


Figure 5. Oil Level Indicator and Oil Filler Tubes and Related Parts

SECTION II

TM 9-2350-256-244P-1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP: 0106

FIGURE 5 OIL LEVEL INDICATOR AND
OIL FILLER TUBES AND
RELATED PARTS

1	PFOZZ	19207	10935623	CAP, FILLER OPENING	1
2	PA0ZZ	91349	M83248/1-327	PACKING, PREFORMED.....	2
3	PA0ZZ	19207	10935621	GASKET	1
4	PFOZZ	19207	11682616	FILLER NECK	1
5	PA0ZZ	96906	M590727-60	SCREW, CAP, HEXAGON H	1
6	PA0ZZ	19207	11682609	BRACKET, MOUNTING	1
7	PA0ZZ	19207	7744570	WASHER, FLAT	2
8	PA0ZZ	15653	SPL51712-6	NUT, SELF-LOCKING, HE	2
9	PA0ZZ	96906	MS21044N6	NUT, SELF-LOCKING, HE	2
10	PA0ZZ	19207	11682610	BRACKET, ANGLE	1
11	PA0ZZ	96906	MS90727-62	SCREW, CAP, HEXAGON H	2
12	PA0ZZ	96906	MS35338-45	WASHER, LOCK	4
13	PA0ZZ	96906	MS90727-59	SCREW, CAP, HEXAGON H	1
14	PA0ZZ	96906	MS35942-13	CLAMP, HOSE	5
15	MOOZZ	19207	8357967-4	HOSE, NONMETALLIC MAKE FROM NSN	1
				4720-00-278-1110, 3.5 INCHES.....	
16	PFOZZ	19207	11641927	TUBE ASSEMBLY, METAL	1
17	PA0ZZ	96906	MS90727-34	SCREW, CAP, HEXAGON H	3
18	PA0ZZ	25184	110 5-16	PACKING WITH RETAIN	3
19	PA0ZZ	63729	585094	GASKET	2
20	PA0ZZ	96906	M521044N5	NUT, SELF-LOCKING, HE	3
21	PA0ZZ	19207	11684226	TUBE ASSEMBLY, METAL	1
22	PA0ZZ	96906	MS90726-31	BOLT, MACHINE	2
23	PFOZZ	19207	12275750	GAGE ROD, LIQUID LEV.....	1

END OF FIGURE

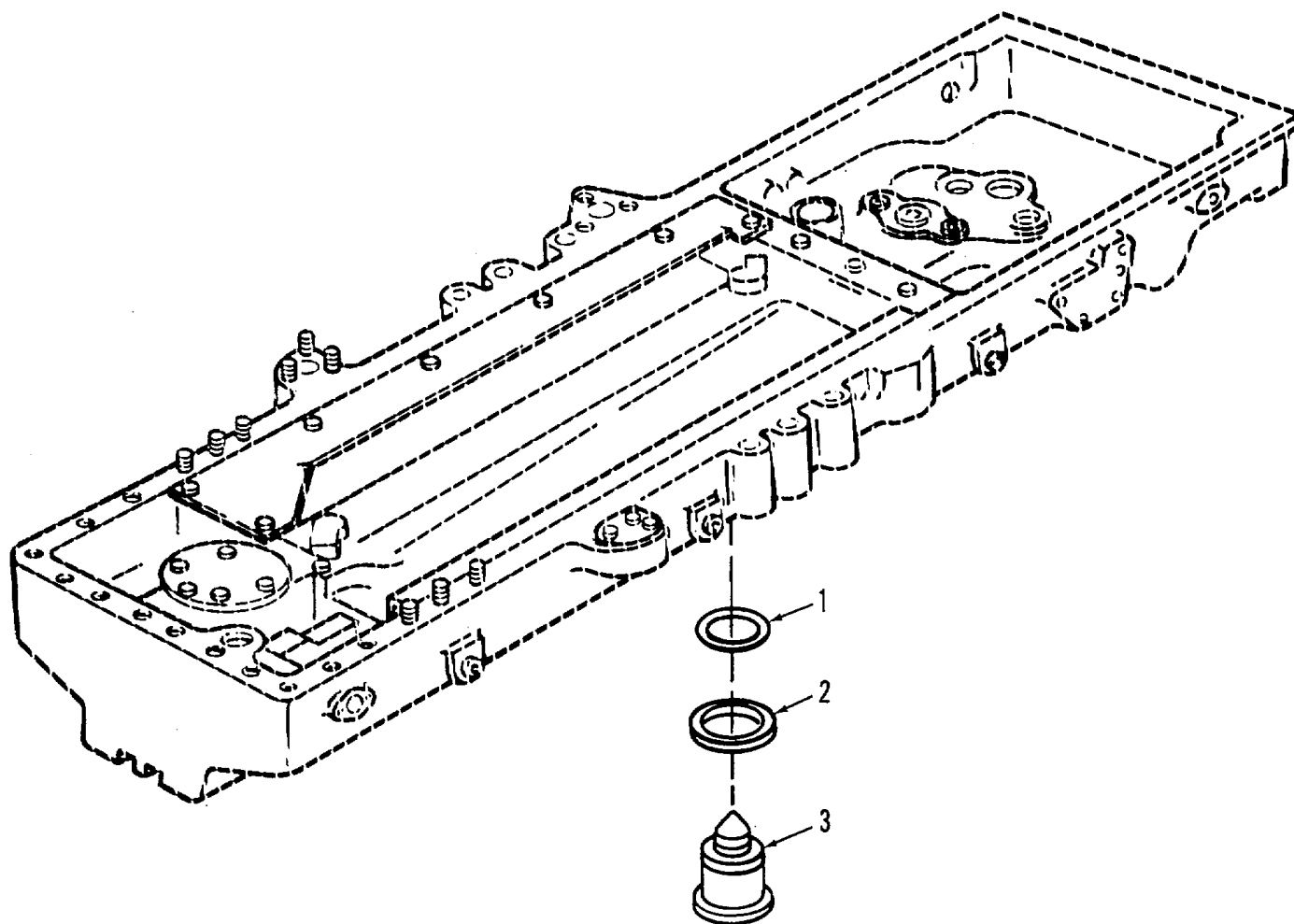


Figure 6. Oil Pan and Associated Parts