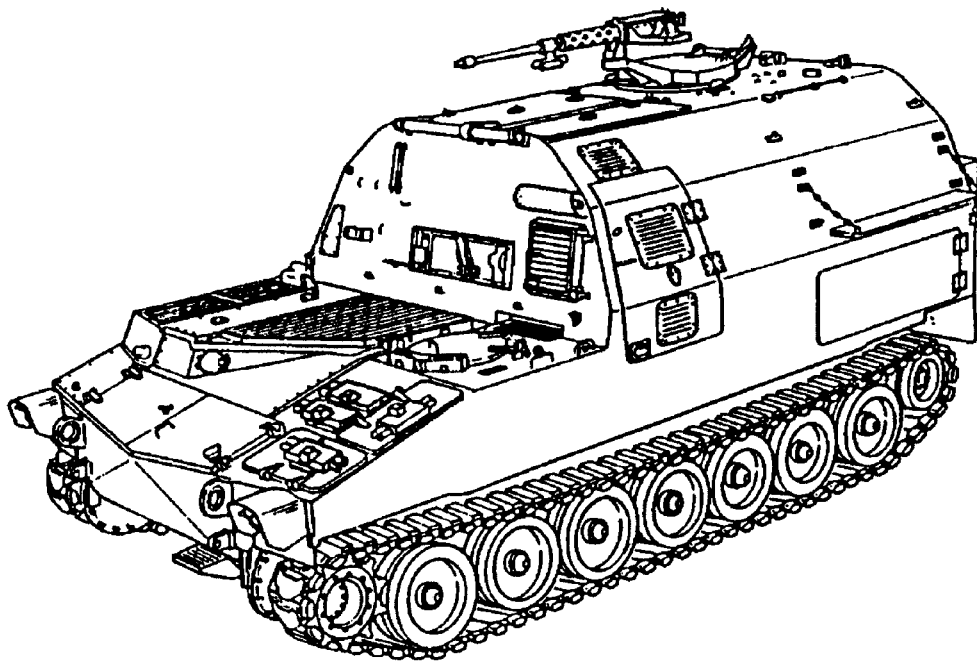


TECHINICAL MANUAL
UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
CARRIER, AMMUNITION, TRACKED



M992A1
(2350-01-352-3021)

EIC:AE6

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HEADQUARTERS, DEPARTMENT OF THE ARMY
OCTOBER 1993

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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 organizational, direct support, and general support maintenance of the M992A1 Carrier, Ammunition, Tracked. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

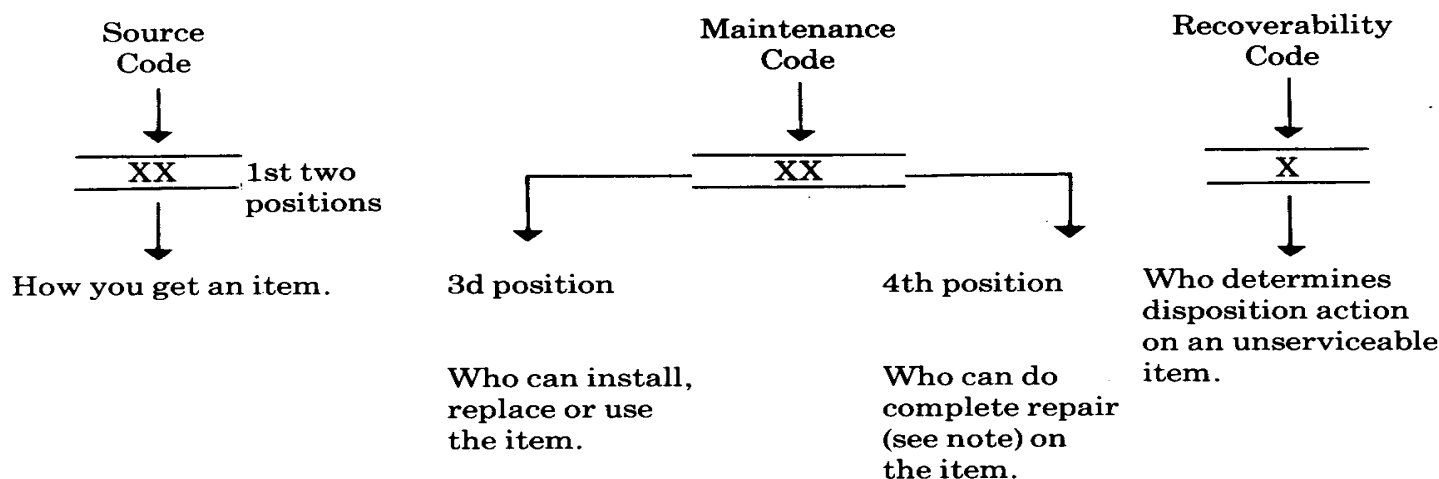
2. GENERAL.

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.
- b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL 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 crossreferenced 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, CAGE, and part numbers. A list of ordinance part numbers cross-referenced to BMY 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.

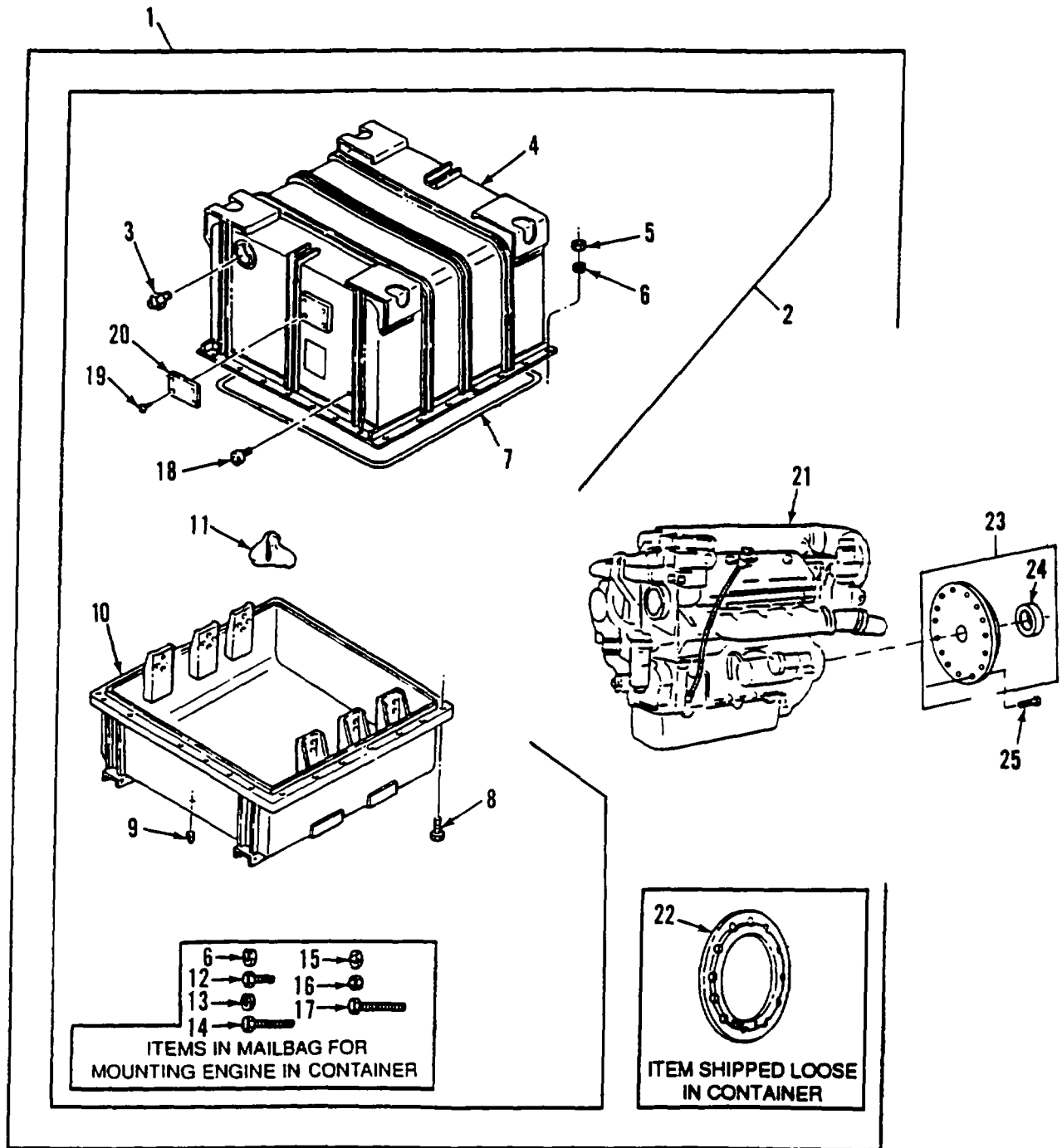


Figure 1. Engine and Container

SECTION II					TM 9-2350-287-24P
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 01 ENGINE					
GROUP 0100 ENGINE ASSEMBLY					
FIG. 1 ENGINE AND CONTAINER					
1	PAFHD	19207	57K1003	ENGINE.DIESEL.....	1
2	XAFHH	19207	12268285	..SHIPPING AND STORAG	1
3	PAFZZ	10001	2642880	..VALVE, BREATHER	1
4	XAHZZ	19207	12268287	..CONTAINER, UPPER.....	1
5	PAFZZ	13305	235C7	..NUT, PLAIN, HEXAGON	28
6	PAFZZ	96906	MS35338-48	..WASHER, L OCK 32	
7	PAFZZ	19207	12268291	..SEAL, NONMETALLIC RO	1
8	PAFZZ	80204	818218H050C175N	..SCREW, CAP, HEXAGON H.....	28
9	PAFZZ	96906	MS20913-65	..PLUG, PIPE	1
10	XAHZZ	19207	12268286	..CONTAINER, LOWER.....	1
11	PAFZZ	19207	10890481	..BAG, MAIL	1
12	PAFZZ	80204	818218H044C125N	..SCREW, CAP, HEXAGON H.....	2
13	PAFZZ	96906	MS35338-47	..WASHER, LOCK	4
14	PAFZZ	80204	B1821BH044C325N	..SCREW, CAP, HEXAGON H.....	2
15	PAFZZ	96906	MS27183-17	..WASHER, FLAT	2
16	PAFZZ	96906	MS51967-11	..NUT, PLAIN, HEXAGON	2
17	PAFZZ	80204	B1821BH050C50ON	..SCREW.CAP.HEXAGON H.....	4
18	PAFZZ	00334	SK2155	..INDICATOR, HUMIDITY	1
19	PAFZZ	96906	MS21318-46	..SCREW, DRIVE.....	4
20	PAFZZ	19207	7973326	..PLATE, IDENTIFICATIO.....	1
21	XAFHD	19207	12268500	..ENGINE, DIESEL SEE TM 9-2815-202-.....	1
24P FOR PARTS BREAKDOWN					
22	PAFZZ	72582	5174549	..RING, MASS	1
23	PAFZZ	19207	11662761	COUPLING.SHAFT, FLEX	1
24	PAFZZ	81349	M83248/1-235	..PACKING, PREFORMED	1
25	PAFZZ	96906	MS35764-1291	BOLT, SELF-LOCKING	12

END OF FIGURE

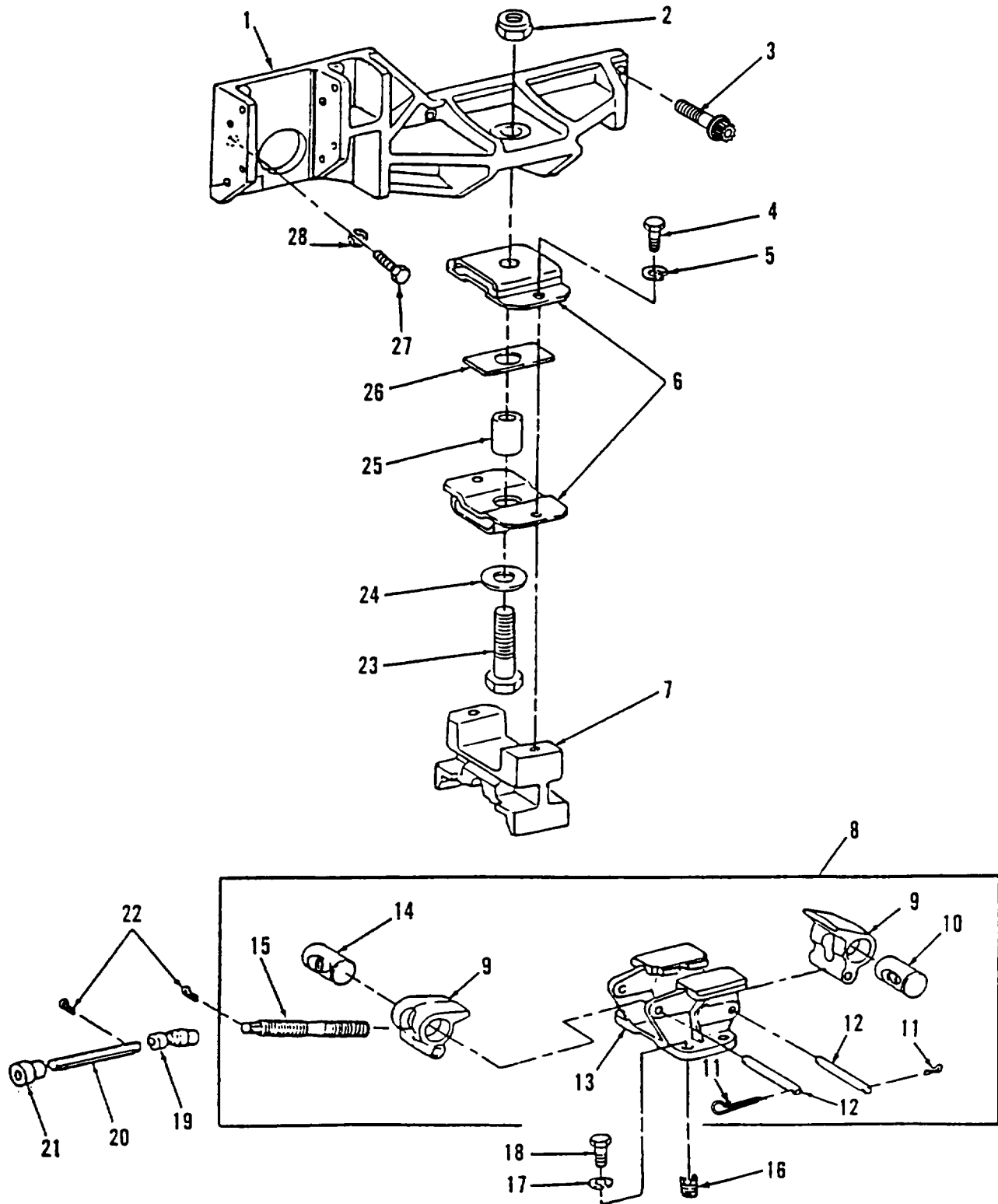


Figure 2. Engine Mounting Base Assembly, Mounts and Brackets

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0100 ENGINE ASSEMBLY					
FIG. 2 ENGINE MOUNTING BASE ASSEMBLY, MOUNTS AND BRACKETS					
1	PAOZZ	19207	10922919	BRACKET, ENGINE ACCE	1
2	PAOZZ	96906	MS51922-68	NUT, SELF-LOCKING.HE	1
3	PAOZZ	19207	10930585	SCREW, SELF-LOCKING	8
4	PAOZZ	96906	MS90727-136	SCREW.CAP.HEXAGON H.....	2
5	PAOZZ	96906	MS35338-68	WASHER, LOCK	2
6	PCOZZ	19207	10917096	MOUNT, RESILIENT	2
7	PAOZZ	19207	10922512	BRACKET, ENGINE MOUN	1
8	PAFFF	19207	7527607	BRACKET, MOUNTING	1
9	PAFZZ	19207	7525543	.JAW ENGINE MOUNTING	2
10	PAFZZ	19207	7525381	.NUT, PLAIN, BARREL	1
11	PAFZZ	96906	MS24665-353	.PIN, COTTER	4
12	PAFZZ	19207	7525465	.PIN, STRAIGHT, HEADLE.....	2
13	PAFZZ	19207	7527609	..BRACKET.MOUNTING	1
14	PAFZZ	19207	7525380	..NUT, PLAIN, BARREL	1
15	PAFZZ	19207	7355451	.TIE ROD, TENSIONING	1
16	PAFZZ	29372	KNHH1018J-14	INSERT, SCREW THREAD.....	4
17	PAOZZ	96906	MS35338-69	WASHER, LOCK	4
18	PAOZZ	96906	MS90727-164	SCREW, CAP, HEXAGON H.....	4
19	PAOZZ	03705	16-612	UNIVERSAL JOINT	1
20	PAOZZ	19207	10942227	BAR.LOWER, ENGINE MO.....	1
21	PCOZZ	19207	10922511	BUSHING, NONMETALLIC	1
22	PAOZZ	96906	MS24665-497	PIN, COTTER..	2
23	PAOZZ	96906	MS90727-219	SCREW.CAP.HEXAGON H.....	1
24	PAOZZ	96906	MS27183-25	WASHER, FLAT	1
25	PAOZZ	19207	10922510	SPACER, SLEEVE.....	1
26	PAOZZ	19207	10936511	SPACER.PLATE	1
27	PAOZZ	80204	B1821BH038C150N	SCREW.CAP, HEXAGON H.....	3
28	PAOZZ	96906	MS35338-65	WASHERLOCK	3

END OF FIGURE

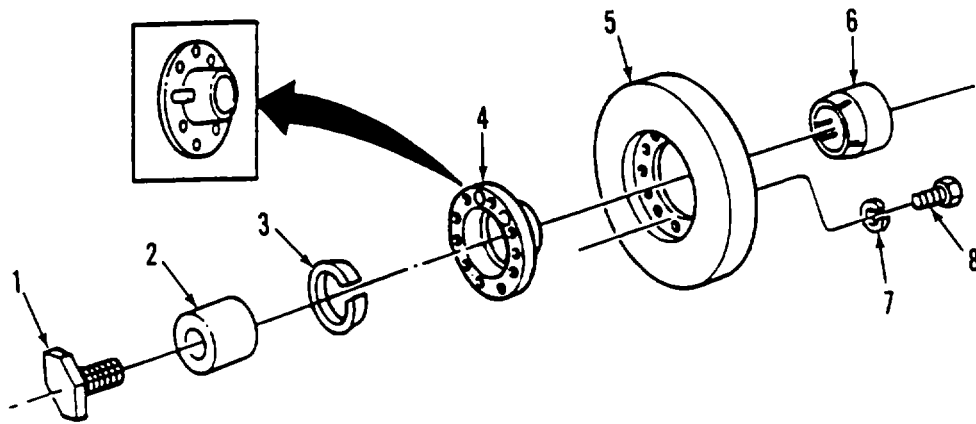


Figure 3. Flywheel Vibration Damper

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0102 CRANKSHAFT					
FIG. 3 FLYWHL VIBRATION DAMPR					
1	PAFZZ	72582	5130479	BOLT, MACHIN.....	1
2	PAFZZ	72582	5132357	BUSHING, SLEEVE.....	1
3	PAFZZ	72582	5162811	CONE, VIBRATION DAMP.....	1
4	PAFZZ	72582	5186050	HUB, VIBRATION DAMP.....	1
5	PAFZZ	72582	8922491	DAMPER, VIBRATION SHIPPED LOOSE.....	1
				WITH ENGINE IN CONTAINER	
6	PAFZZ	72582	5134917	RING, VIBRATION DAMP	1
7	PAFZZ	96906	MS35338-47	WASHER, LOCK SHIPPED LOOSE WITH	6
				ENGINE IN CONTAINER.....	
8	PAFZZ	96906	MS90127-84	SCREW, CAP, HEXAGON H SHIPPED LOOSE6	
				WITH ENGINE IN CONTAINER	

END OF FIGURE

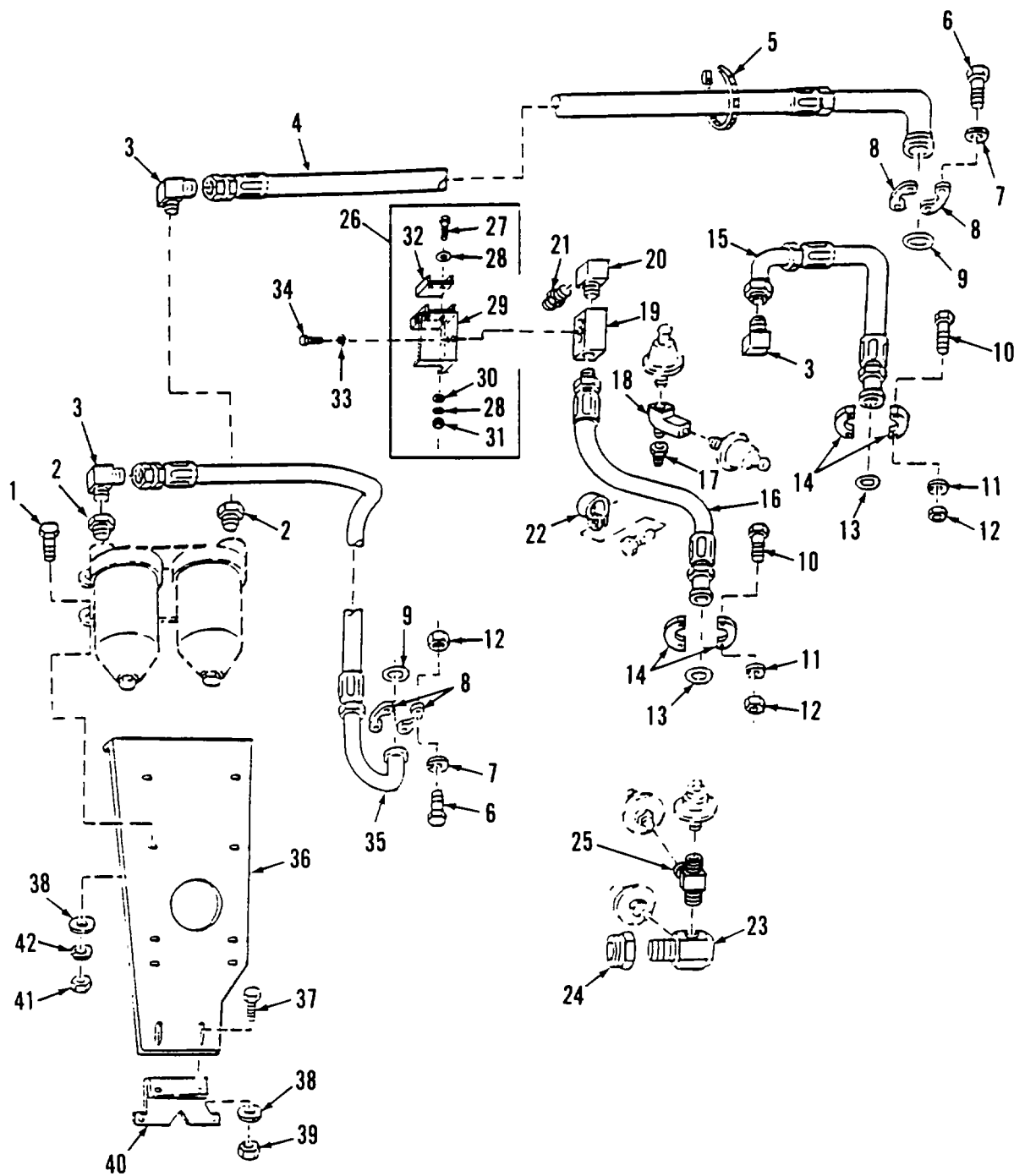


Figure 4. Engine Oil Filter Hoses, Mount Assembly and Transmission Oil Hoses, Oil Transmitter Fittings, and Protective Cover

SECTION II

TM-9-2350-287-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM FIG. 4 ENGINE OIL FILTER HOSES, MOUNT ASSEMBLY AND TRANSMISSION OIL HOSES, OIL TRANSMITTER FITTINGS, AND PROTECTIVE COVER					
1	PAOZZ	80204	B1821BH038F125N	SCREW, CAP, HEXAGON H.....	4
2	PAOZZ	79470	10921184	BUSHING, PIPE.....	2
3	PAOZZ	96906	MS20822-16	ELBOW, PIPE TO TUBE	3
4	PAOZZ	19207	10921189	HOSE ASSEMBLY, NONME	1
5	PAOZZ	19207	10921769	BAND, MARKER.....	1
6	PAOZZ	80204	818218H044C125N	SCREW, CAP, HEXAGON H.....	8
7	PAOZZ	96906	MS35338-66	WASHER, LOCK.....	8
8	PAOZZ	80713	20SF2	FLANGE, PIPE, SWIVEL	4
9	PAOZZ	96906	MS29513-222	PACKING, PREFORMED	2
10	PAOZZ	80204	018218H050C350N	SCREW, CAP, HEXAGONH.....	8
11	PAOZZ	96906	MS35338-67	WASHER, LOCK.....	8
12	PAOZZ	96906	MS51967-15	NUT, PLAIN, HEXAGON	16
13	PAOZZ	88044	AN123888	PACKING, PREFORMED	2
14	PAOZZ	63906	325F2	FLANGE, PIPE.....	4
15	PAOZZ	19207	10921190	HOSE ASSEMBLY, NONME	1
16	PAOZZ	19207	10921186	HOSE ASSEMBLY, NONME	1
17	PAOZZ	02978	MS49005-4	PLUG, PIPE	1
18	PAOZZ	10988	1062	TEE, PIPE	1
19	PAOZZ	19207	12352813	MANIFOLD, AIRLINE.....	1
20	PAOZZ	19207	454113	ELBOW, PIPE	1
21	PAOZZ	96906	MS51953-125	NIPPLE, PIPE	1
22	PAOZZ	19207	12268212	CLAMP, LOOP	1
23	PAOZZ	19207	10922811	FITTING, CLUSTER, 3 W	1
24	PAOZZ	7947C	3-059X122	SEALNUT, PIPE.....	1
25	PAOZZ	24617	444149	TEE, PIPE	1
26	AOOOO	19207	12352823	COVER, ACCESS.....	1
27	PAOZZ	80204	81821BH025C063N	.SCREW, CAP, HEXAGON H.....	2
28	PAOZZ	96906	MS27183-10	.WASHER, FLAT.....	4
29	PAOZZ	19207	12352817	.COVER, ACCESS.....	1
30	PAOZZ	55110	6220-21	.WASHER, LOCK.....	2
31	PAOZZ	96906	MS35649-2252	.NUT, PLAIN, HEXAGON	2
32	PAOZZ	19207	12352824	.BRACKET, ANGLE	1
33	PAOZZ	55110	6220-21	WASHER, LOCK.....	2
34	PAOZZ	80204	81821LH025C044N	SCREW, CAP, HEXAGON H.....	2
35	PAOZZ	01276	FG2213MMN0536	HOSE, ASSEMBLY, NONME	1
36	PAOZZ	19207	10921166	BRACKET, MOUNTING.....	1
37	PAOZZ	96906	MS90727-60	SCREW, CAP, HEXAGON H.....	2
38	PAOZZ	19200	10910174-3	WASHER, FLAT.....	6
39	PAOZZ	96906	MS21044N6	NUT, SELF-LOCKING, HE	2
40	PAOZZ	19207	10921167	BRACKET, ANGLE	1
41	PAOZZ	96906	MS51968-8	NUT, PLAIN, HEXAGON	4
42	PAOZZ	96906	MS35338-65	WASHER, LOCK.....	4

END OF FIGURE

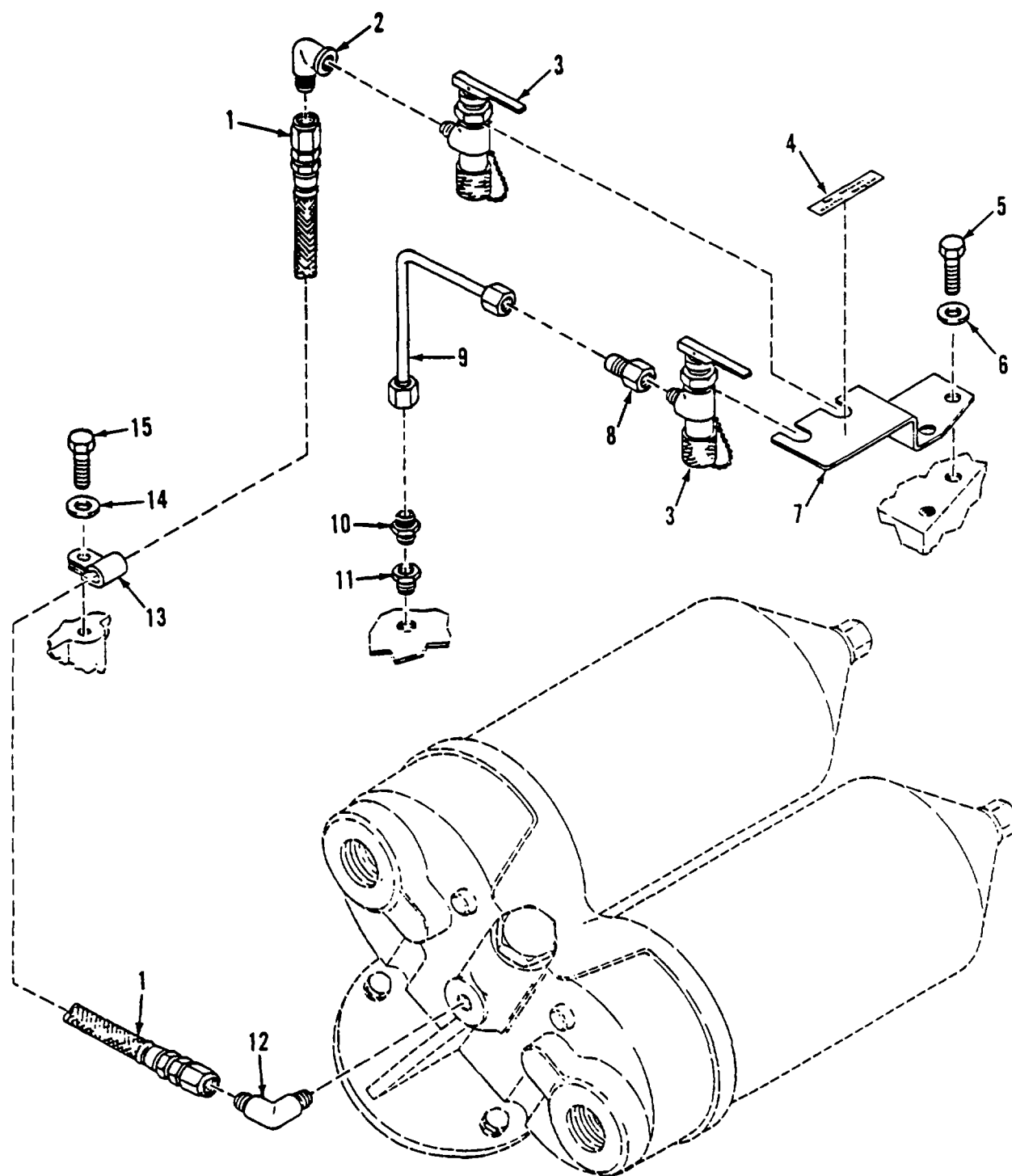


Figure 5. Engine and Transmission Oil Sampling System

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM					
FIG. 5 ENGINE AND TRANSMISSION OIL					
SAMPLING SYSTEM					
1	PAOZZ	96906	MS8000E320A	HOSE, ASSEMBLY, NONME	1
2	PAOZZ	96906	MS51506A4	ELBOW, PIPE TO TUBE	1
3	PAOZZ	19207	11669424	COCK, DRAIN.....	2
4	PAOZZ	19207	12268192	MARKER, IDENTIFICATI.....	1
5	PAOZZ	80204	B1821BH038C300N	SCREW, CAP, HEXAGON H.....	2
6	PAOZZ	96906	M535338-8	WASHER, LOCK.....	2
7	PAOZZ	19207	12268190	BRACKET, DOUBLE ANGL.....	1
8	PAOZZ	96906	MS5150384	ADAPTER, STRAIGHT, PI.....	1
9	PAOZZ	19207	12268191	TUBE ASSEMBLY, METAL	1
10	PAOZZ	96906	MS51500A4	ADAPTER, STRAIGHT, PI.....	1
11	PAOZZ	81348	WW-P-471BDQB		
			CBA	BUSHING, PIPE.....	1
12	PAOZZ	96906	MS51504A4-4	ELBOW, PIPE TO TUBE	1
13	PAOZZ	96906	MS21333-120	CLAMP, LOOP	1
14	PAOZZ	96906	MS35338-45	WASHER, LOCK.....	1
15	PAOZZ	80204	81821BH031C325N	BOLT, MACHINE	1

END OF FIGURE