TECHNICAL MANUAL

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

TRUCK TRACTOR, LINE HAUL, 50,000 GVWR, 6x4, M915
NSN 2320-01-028-4395

TRUCK TRACTOR, LIGHT EQUIPMENT TRANSPORTER, 56,000 GVWR, 6x6 WINCH,M916
NSN 2320-01-028-4396

TRUCK TRACTOR, MEDIUM EQUIPMENT TRANSPORTER, 75,000 GVWR, 8x6, W/WINCH, M920
NSN 2320-01-028-4397

TRUCK CHASSIS, 75,000 GVWR, 8x6, FOR 20 TON DUMP TRUCK,M917
NSN 3805-01-028-4389

TRUCK CHASSIS, 56,000 GVWR, 6x6, FOR BITUMINOUS DISTRIBUTOR TRUCK, M918
NSN 3895-01-4390

TRUCK CHASSIS, 75,000 GVWR, 8x6, FOR CONCRETE-MOBILE MIXER TRUCK, M919
NSN 3895-01-028-4301

SUPERSEDES TM 9-2320-273-20P DATED 1 SEPTEMBER, 1986 AND TM 9-2320-273-34P DATED 1 SEPTEMBER, 1986 AND ALL CHANGES.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

February 1990

TECHNICAL MANUAL

TM9-2320-273-24P*

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D. C., 18 *February 1990*

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Current as of 31 May 1989.

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 back of this manual direct to: U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB Warren, MI 48397-5000. A reply will be furnished to you.

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	BULK	BULK-I	BULK

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UNIT
DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS

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 Truck, Tractor, Truck Chassis. 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 1. 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 kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in the section. Items listed are shown on the associated illustration(s) /figure(s).

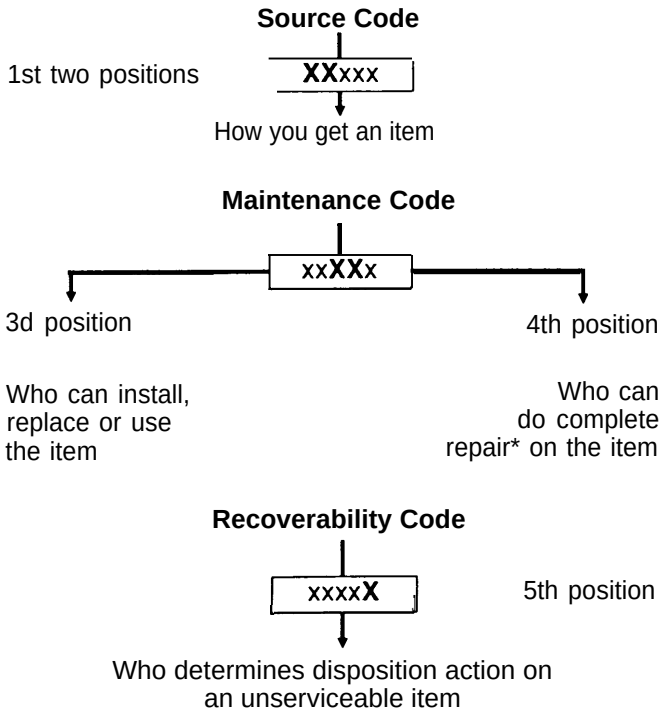
b. *Section III. Special Tools List.* A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. *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 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, FSCM, and part numbers.

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

a. *ITEM NO. (Colurnn (7).* 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 instructions, 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.

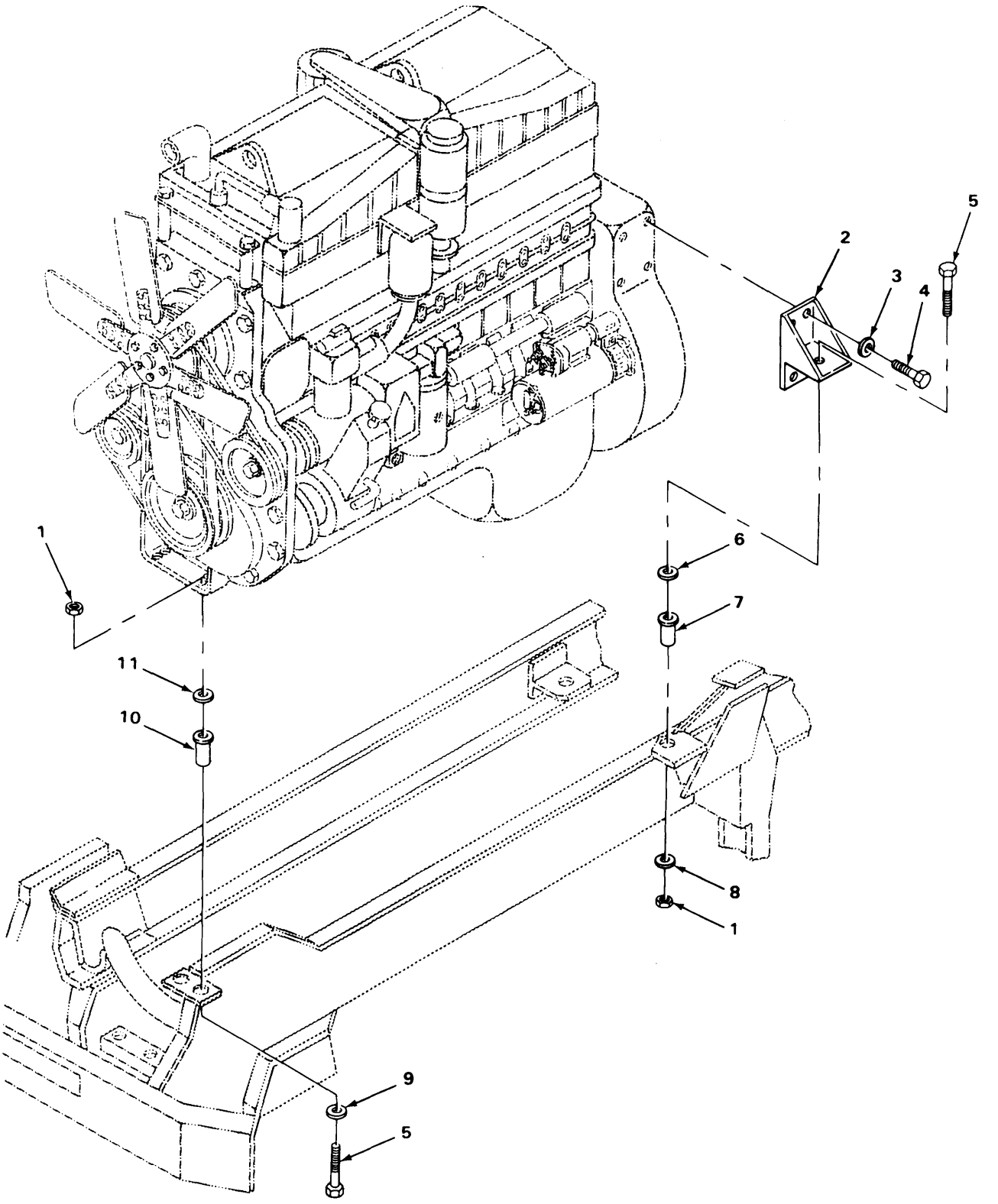


FIGURE 1. ENGINE MOUNTS,

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP:01 ENGINE GROUP:0100 ENGINE ASSEMBLY	
				FIGURE 1. ENGINE MOUNTS.	
1	PAFZZ	24617	9422307	NUT,SELF-LOCKING	4
2	PBFZZ	34623	MD32K-20002	BRACKET,EYE,NONROTA REAR UOC:U21	2
2	PBFZZ	34623	MD32K-20003	BRACKET,EYE,NONROTA REAR UOC:U22,U23,U24,U25,U26	2
3	PBFZZ	23862	2436168	WASHER,FLAT	8
4	PBFZZ	96906	MS90725-187	SCREW,CP,HEXAGON	8
5	PAFZZ	96906	MS90728-195	SCREW,CAP,HEXAGON	4
6	PBFZZ	34623	M/362-20013	WASHER,FLAT	2
7	PCFZZ	76005	CB1009-9	GROMMET	2
8	PBFZZ	34623	M/362-20014	WASHER, FLAT	2
9	PBFZZ	34623	M-362-20015	WASHER,FLAT	4
10	PAFZZ	76005	CBA28-800	MOUNT,RESILIENT FRONT	2
11	PAFZZ	34623	M/362-20017	WASHER,FLAT UOC:U22,U23,U24,U25,U26	4
				END OF FIGURE	

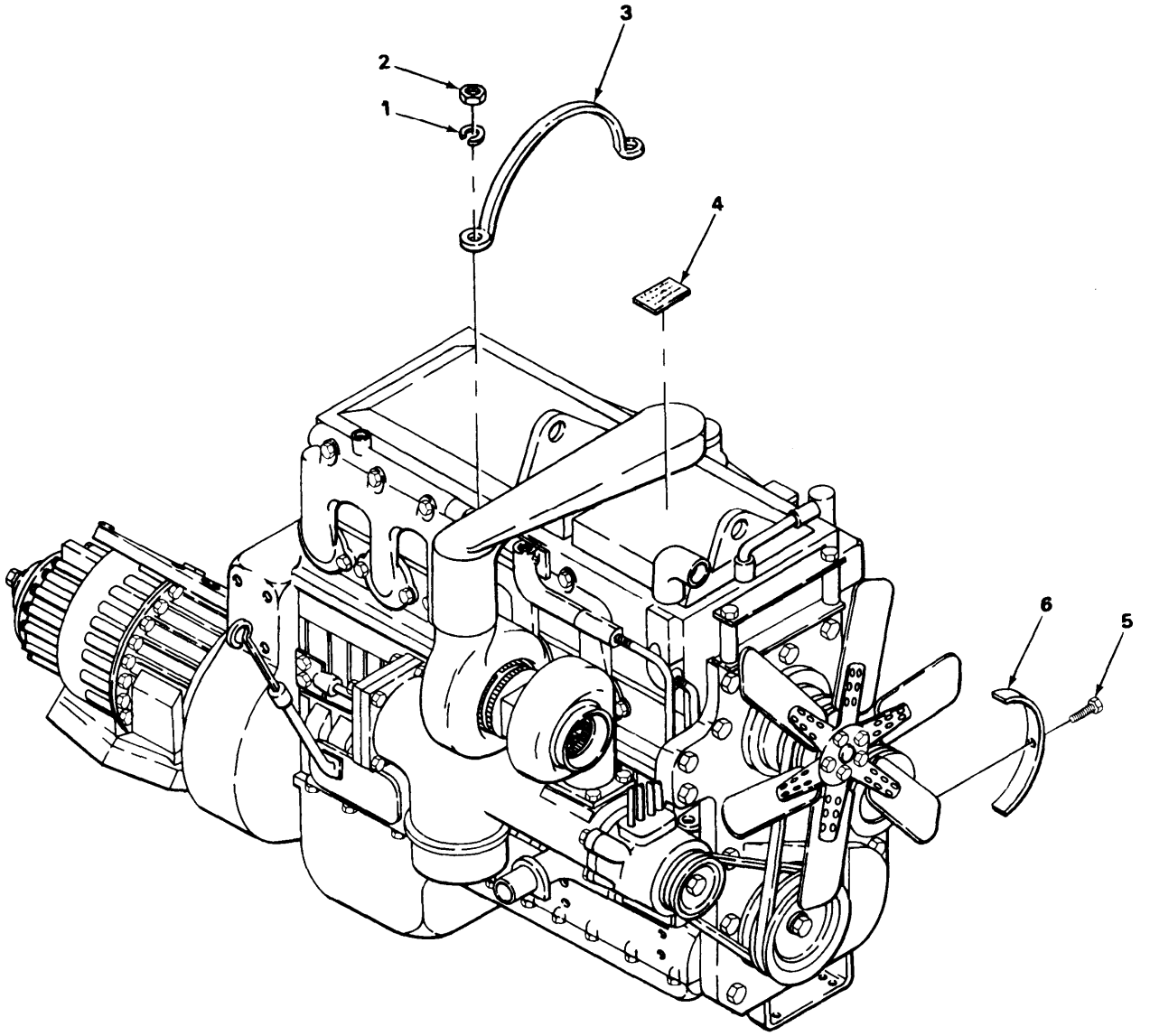


FIGURE 2. ENGINE LIFTING BRACKETS AND DATA PLATES.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP:0100 ENGINE ASSEMBLY	
				FIGURE 2. ENGINE LIFTING BRACKETS AND DATA PLATES.	
1	PAOZZ	96906	MS35338-48	WASHER,LOCK	4
2	PAOZZ	75078	001094	NUT,PLAIN	4
3	PBOZZ	15434	170226	BRACKET,ENGINE LIFT	2
4	XDOZZ	15434	3003480	LABEL	1
5	PAOZZ	15434	S-2286	SCREW	5
6	PAOZZ	15434	3045551	MARKER,IDENTIFCATIO	1
				END OF FIGURE	

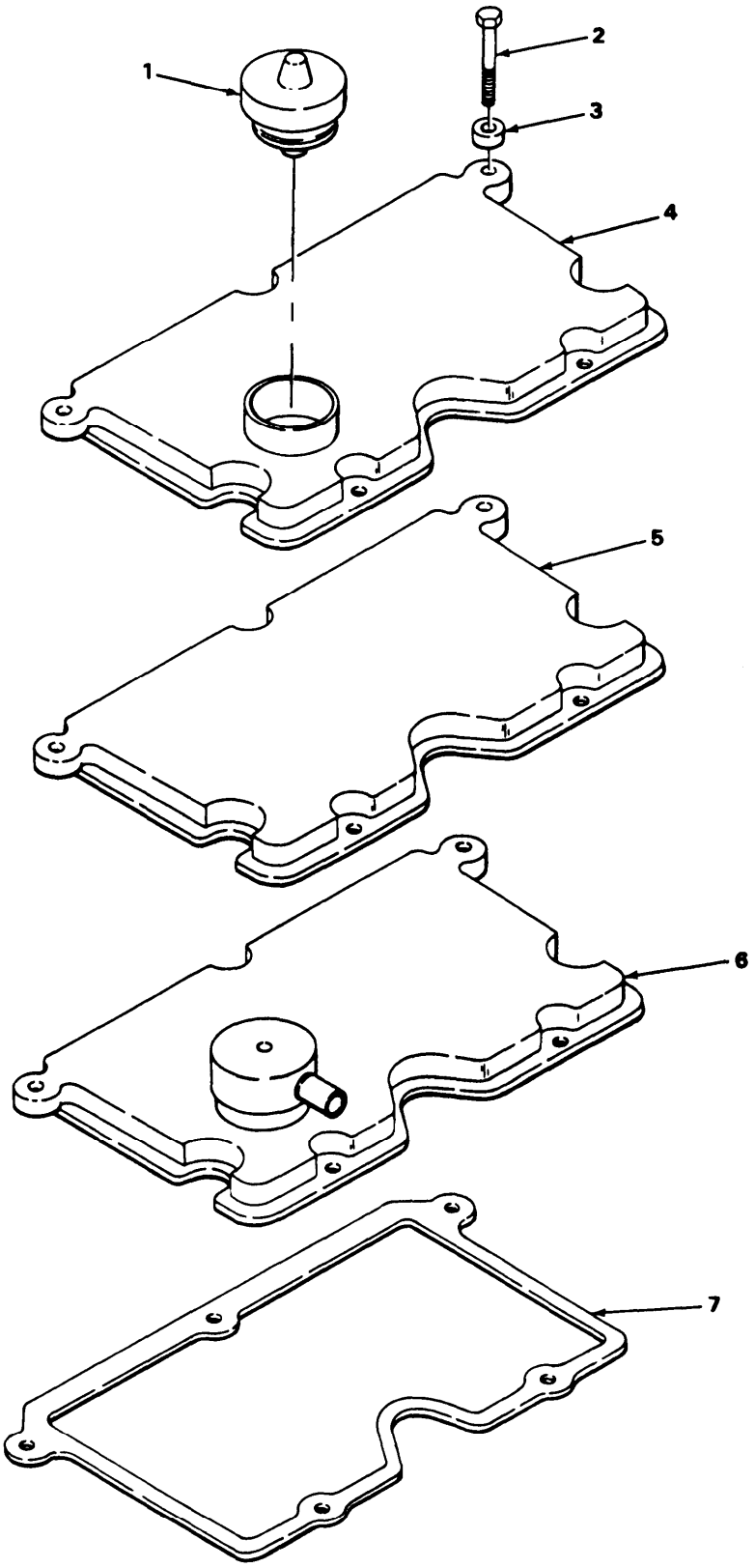


FIGURE 3. ROCKER COVERS.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP:0105 VALVES, CAMSHAFTS AND TIMING SYSTEM	
				FIGURE 3. ROCKER COVERS.	
1	PAOZZ	15434	101322	CAP, FILLER OPENING	1
2	PBOZZ	15434	3006182	SCREW, CAP, HEXAGON	15
3	PBOZZ	15434	64709	SPACER, SLEEVE	15
4	PBOZZ	15434	3006349	COVER, ENGINE POPPE	1
5	PAOZZ	15434	3006183	COVER, ENGINE POPPE	1
6	PAOZZ	15434	300658	COVER, ENGINE POPPE	1
7	PAOZZ	73165	B 90429	GASKET	3
				END OF FIGURE	

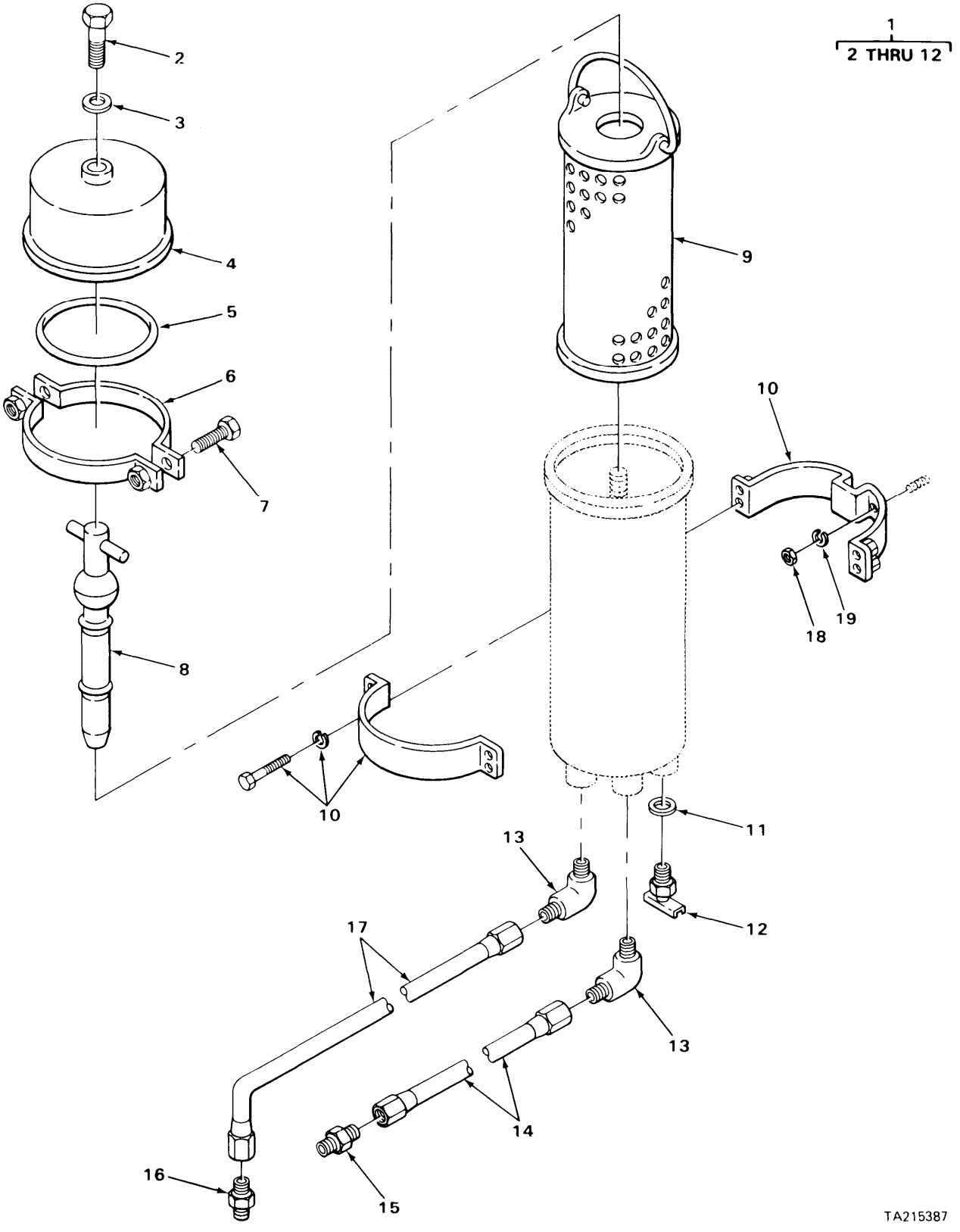


FIGURE 4. BYPASS OIL FILTER AND LINES.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP:0106 ENGINE LUBRICATION SYSTEM	
				FIGURE 4. BYPASS OIL FILTER AND LINES.	
1	PAOOO	37099	5216	BYPASS FILTER ASSY	1
2	PBOZZ	37099	2360	.SCREW,CAP,HEXAGON	1
3	PAOZZ	37099	2361	.WASHER,FLAT	1
4	PBOZZ	37099	2254	.COVER,OIL FILTER BR	1
5	PAOZZ	37099	4311	.GASKET	1
6	PAOZZ	37099	3566	.CLAMP,RING	1
7	PAOZZ	37099	3564	.BOLT,MACHINE	2
8	PAOZZ	37099	2258	.PARTS KIT,FLUID PRE	1
9	PAOZZ	87405	C175AP	.FILTER ELEMENT,FLUI	1
10	PAOZZ	37099	2233	.BRACKET ASSEMBLY,FI	2
11	PAOZZ	37099	1586	.WASHER,FLAT	1
12	PAOZZ	37099	2322	.COCK,DRAIN	1
13	PAOZZ	03924	1024-8-8B	ELBOW UOC:U22,U23,U24,U25,U26	2
14	PCOZZ	98441	AA1512E0522EE	HOSE ASSEMBLY	1
15	PAOZZ	41947	A4739	ADAPTER,STRAIGHT,PI	3
16	XDOZZ	03924	1011-8-8B	ADAPTER,STRAIGHT,PI	1
17	PCOZZ	34623	M/145-20019	HOSE ASSEMBLY,NONME	1
18	PBOZZ	72560	9411382	NUT	8
19	PBOZZ	24617	453788	WASHER,LOCK	8
				END OF FIGURE	