

TECHNICAL MANUAL

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

**PUMPING ASSEMBLY, FLAMMABLE
LIQUID, BULK TRANSFER, GED,
350 GPM CAPACITY, 275 TOTAL HEAD,
WHEEL MOUNTED
NSN 4320-00-600-7590**

Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-4320-273-24P, 18 November 1983, including all changes.

HEADQUARTERS, DEPARTMENT OF THE ARMY

11 AUGUST 1990

**Organizational, Direct Support, and General Support Maintenance
Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)
for
PUMPING ASSEMBLY, FLAMMABLE LIQUID,
BULK TRANSFER, GED, 350 GPM CAPACITY,
275 TOTAL HEAD, WHEEL MOUNTED
NSN 4320-00-600-7590**

Current as of 6 April, 1990
Approved for public release; distribution is unlimited.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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

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 Pumping Assembly, Flammable Liquid. 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 this section, 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-references 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 number in alphanumeric sequence and cross references NSN, FSCM and part number.

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:

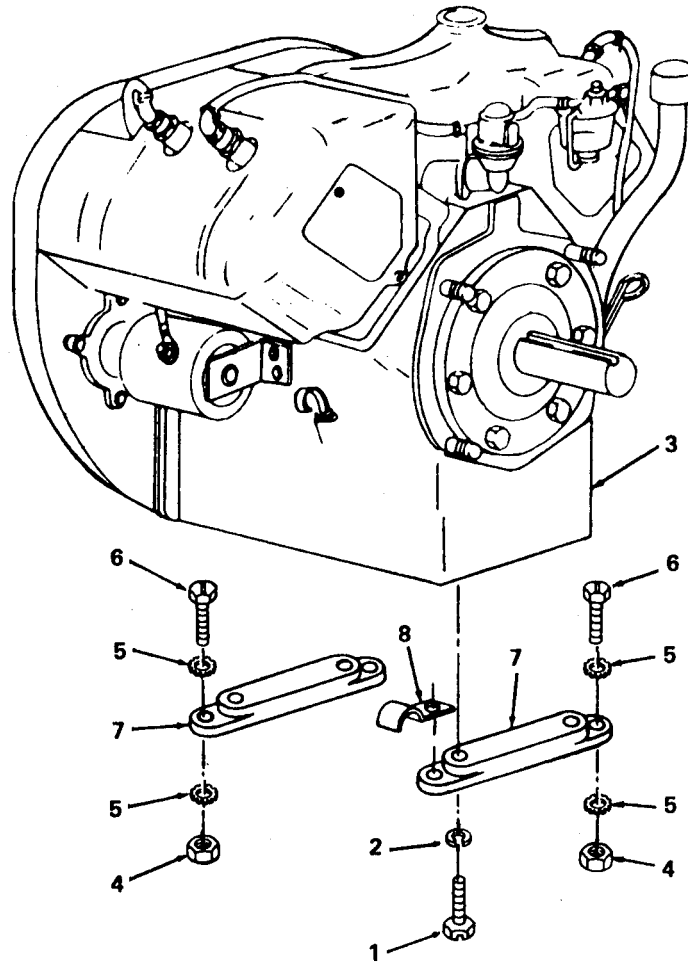


Figure 1. Engine and Supports.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
TM5-4320-273-24P					
GROUP 01 ENGINE					
FIG. 1 ENGINE AND SUPPORTS					
1	PAHZZ	96906	MS90725-163	SCREW,CAP,HEXAGON ENGINE SUPPORT MTG	4
2	XDHZZ	96906	MS35338-50	WASHER,LOCK ENGINE SUPPORT MTG	4
3	PBFHZ	66289	MVG4D SPEC387378	ENGINE,GASOLINE WISCONSIN,AIR COOLED,GASOLINE,MODEL MVG4D, SPECIFICATION387378READY TO RUN,36 HORSEPOWER AT 2400 RPM	1
4	PAHZZ	96906	MS51967-20	NUT,PLAIN,HEXAGON ENGINE MTG	4
5	PAFZZ	25567	BL10-15991	WASHER,LOCK ENGINE MTG	8
6	PAFZZ	96906	MS90725-167	SCREW,CAP,HEXAGON ENGINE MTG	4
7	XDFZZ	66289	BK72A	SUPPORT,ENGINE	2
8	XBFZZ	25567	38116-013	STRAP,RETAINING	1
END OF FIGURE					

1
2 THRU 10

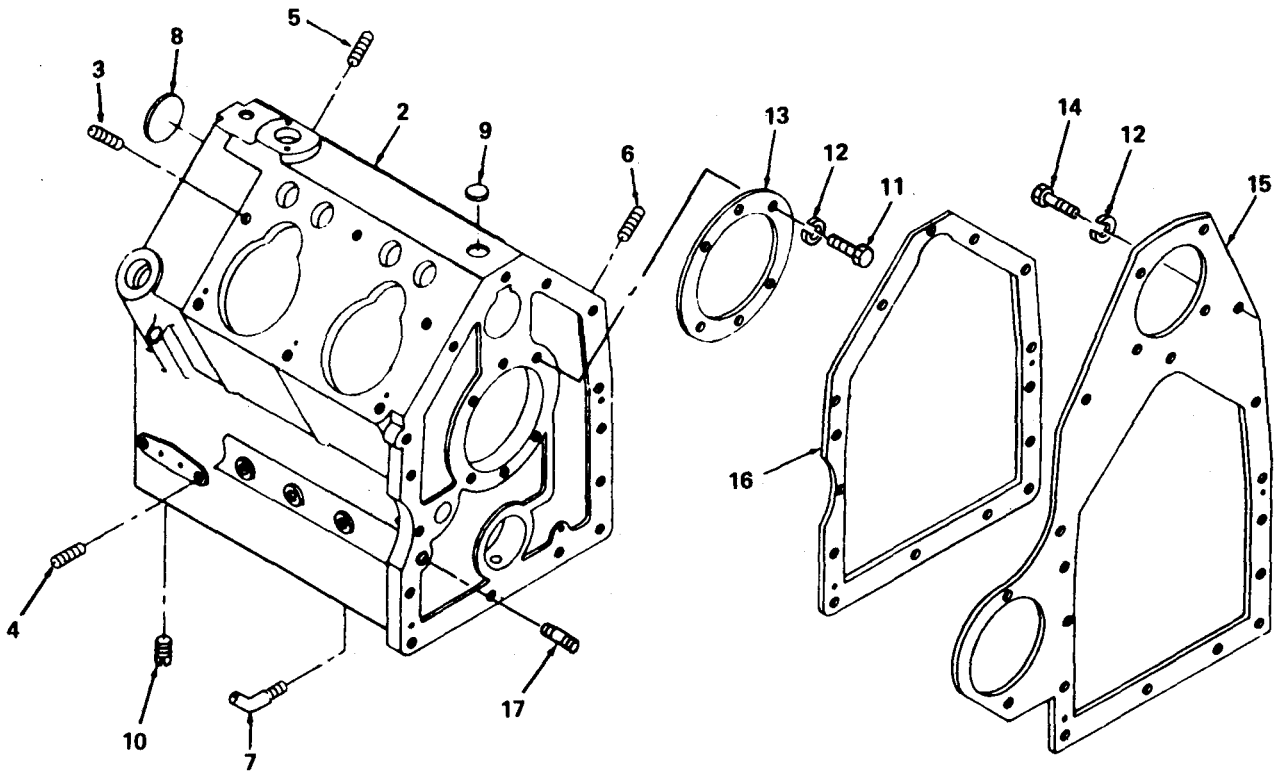


Figure 2. Crankcase Assembly and Related Parts.

SECTION II		TM5-4320-273-24P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 2 CRANKCASE ASSEMBLY AND RELATED PARTS					
1	XAFHH	66289	BA49AS1	CRANKCASE ASSEMBLY	1
2	XAFHH	66289	BA49A	.CRANKCASE	1
3	PAHZZ	66289	PC435	.STUD,PLAIN	12
4	PAHZZ	66289	PC112	.STUD,PLAIN	2
5	PAOZZ	66289	PC396	.STUD,PLAIN	2
6	XDHZZ	66289	PC111	.STUD,PLAIN	2
7	XDHZZ	66289	RF1121	.NOZZLE,OIL	4
8	PBHZZ	96906	MS35648-10	.PLUG,EXPANSION	1
9	PBHZZ	96906	MS35648-4	.PLUG,EXPANSION	2
10	PAHZZ	66289	PF18	.PLUG,PIPE	8
11	PAHZZ	66289	XD17	BOLT,MACHINE	6
12	XDFZZ	96906	MS35338-45	WASHER,LOCK	12
13	XBHZZ	66289	BG223	PLATE,BEARING	1
14	PAFZZ	96906	MS90728-32	BOLT,MACHINE	8
15	PBHZZ	66289	WE243	SPACER CYLINDEER BLOCK TO GEAR COVER	1
16	KFFZZ	66289	QD633	GASKET CRANKCASE TO SPACER PART OF KIT P/N Q18B	1
17	PAOZZ	81348	WW-P-ACABUB	.PLUG,PIPE	1
END OF FIGURE					

5
6 THRU 8

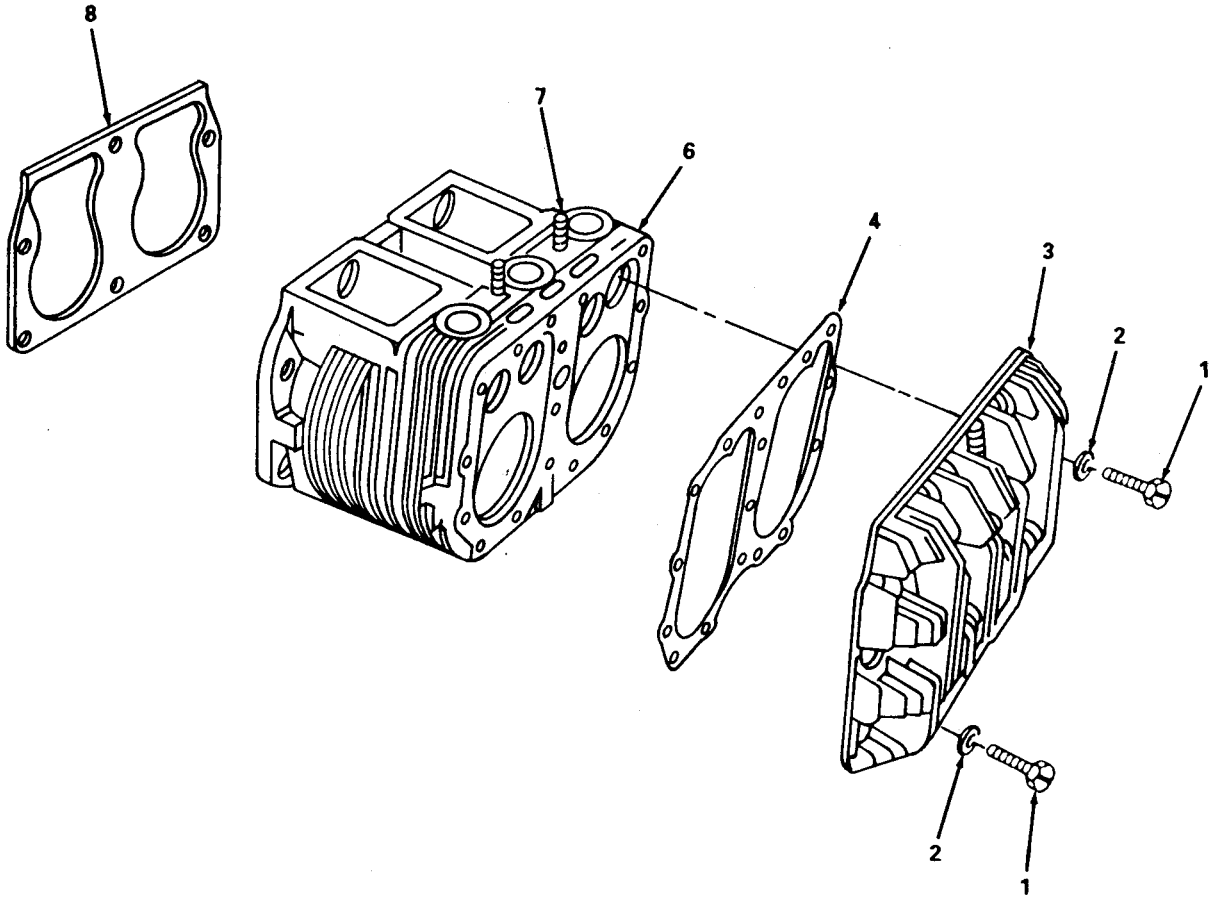


Figure 3. Cylinder Head and Block.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
TM5-4320-273-24P					
GROUP 01 ENGINE					
FIG. 3 CYLINDER HEAD AND BLOCK					
1	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H	34
2	PAOZZ	66289	PH22A	WASHER,FLAT HEAD MTG	34
3	PBOZZ	66289	AB97B2S1	CYLINDER HEAD	2
4	KFOZZ	66289	QD631	GASKET CYLINDER HEAD PART OF KIT P/N Q18B	2
5	XBFZZ	66289	AA90A2S1	ENGINE BLOCK ASSEMB	2
6	XAFZZ	66289	AA90A2	.CYLINDER BLOCK	1
7	PAHZZ	66289	PC251	.STUD,PLAIN MANIFOLD MTG	2
8	KFFZZ	66289	QD632A	.GASKET PART OF KIT P/N Q18B	2
END OF FIGURE					