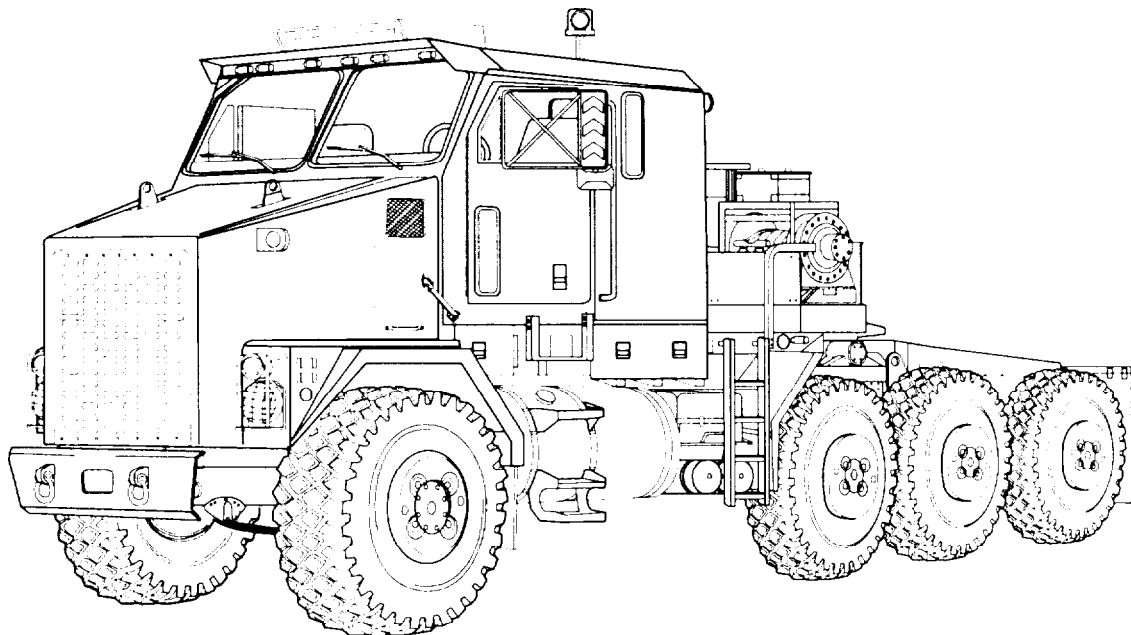


TM 9-2320-360-24P

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TECHNICAL MANUAL

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



**TRUCK, TRACTOR, M1070,8 X 8,
HEAVY EQUIPMENT TRANSPORTER (HET)
NSN 2320-01-318-9902
EIC: B5C**

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

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No. 9-2320-360-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 15 February 1998

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Current as of: 1 December 1997

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: Commander, U.S. Army Tank-automotive and Armaments Command, AITN: AMSTA-IM-HHE, Warren, MI 48397-5000. A reply will be furnished to you.

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	9111 Gas Particulate Filter Unit (GPFU) Assembly (Sheet 3 of 3)	2-776	250
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	9131 Chemical Alarm Kit	2-782	252

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

Section I. INTRODUCTION

1. SCOPE

This manual 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 direct support and general support maintenance of the HET Tractor. 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

This Repair Parts and Special Tools List (RPSTL) 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 NSN sequence.

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.

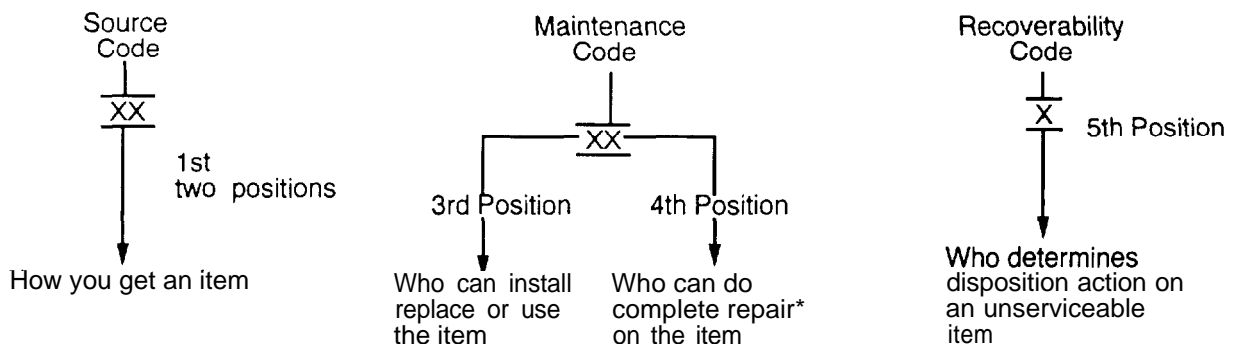
c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSNs) appearing in the listings, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. NSNs and part numbers are cross-referenced to each illustration figure and item number appearance.

3. EXPLANATION OF COLUMNS

a. Illustration (Column (1)). This column is divided as follows:

- (1) ((a) FIG NO.) Figure Number. Indicates the figure number illustrating an exploded view of a functional group.
- (2) ((b) ITEM NO.). 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 five-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 the corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Section II. REPAIR PARTS LIST

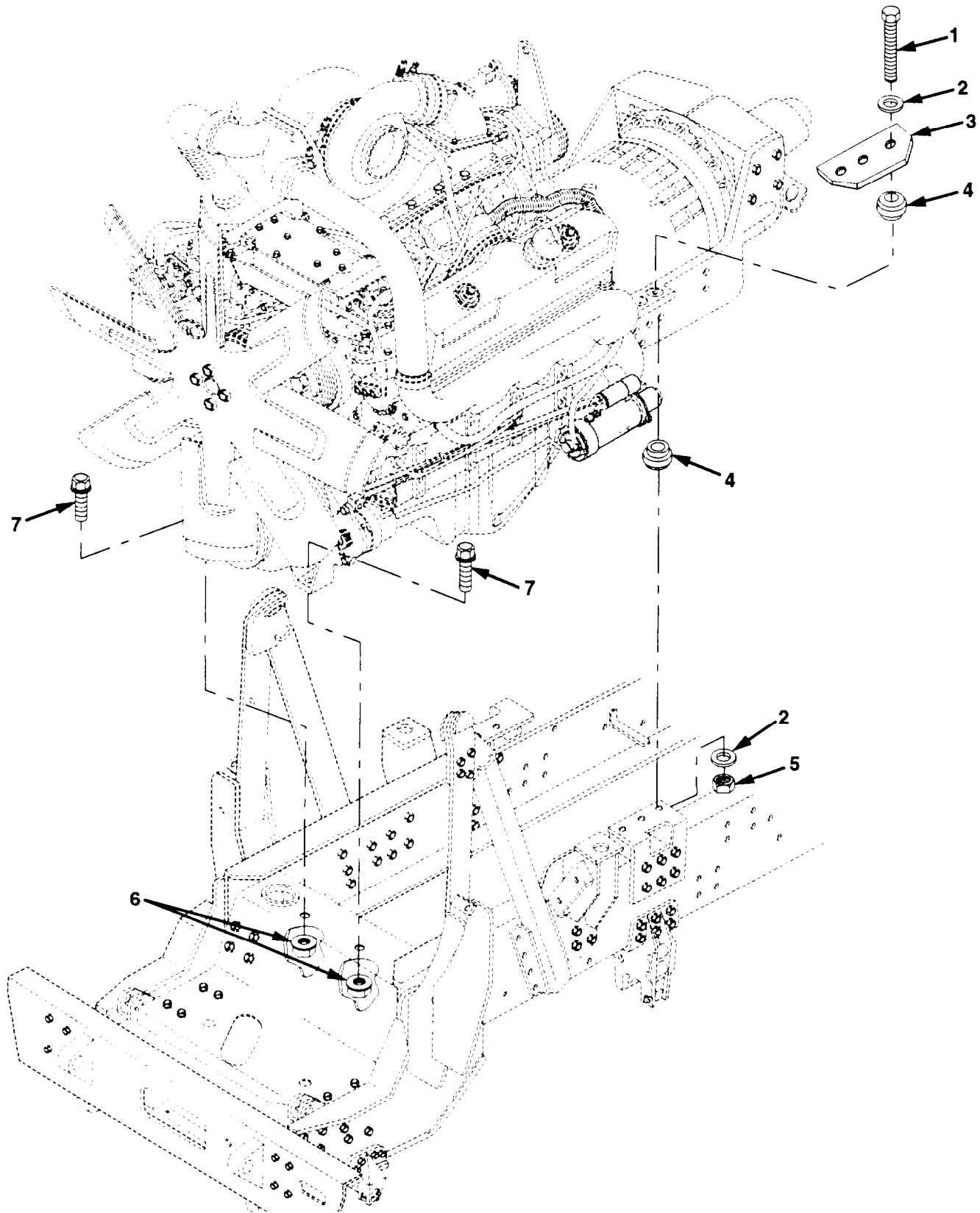


Figure 1. Engine Mounting

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG. NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	CAGE	PART NUMBER	DESCRIPTION USABLE ON CODE	UM	QTY INC IN UNIT
						GROUP 0100 ENGINE MOUNTING		
1	1	PAFZZ	- - -	45152	60690AX	SCREW,CAP 5/8-11 x 4	EA	6
1	2	PAFZZ	5310-00-614-3505	96906	MS15795-820	WASHER,FLAT 5/8	EA	12
1	3	PBFZZ	5365-01-160-2502	45152	21810FX	SPACER,PLATE	EA	2
1	4	PAFZZ	5340-00-572-8604	76005	J-7165-1	MOUNT,RESILIENT	EA	12
1	5	PAFZZ	5310-01-082-6166	OKS39	TLA-5811-S-GRC	NUT,SELF-LOCKING 5/8-11	EA	6
1	6	PAFZZ	5310-01-111-0645	45152	110311A	NUT,SELF-LOCKING 5/8-11	EA	2
1	7	PAFZZ	5306-01-156-5429	45152	115217A	BOLT,MACHINE,FLG 5/8-11 X 2	EA	2

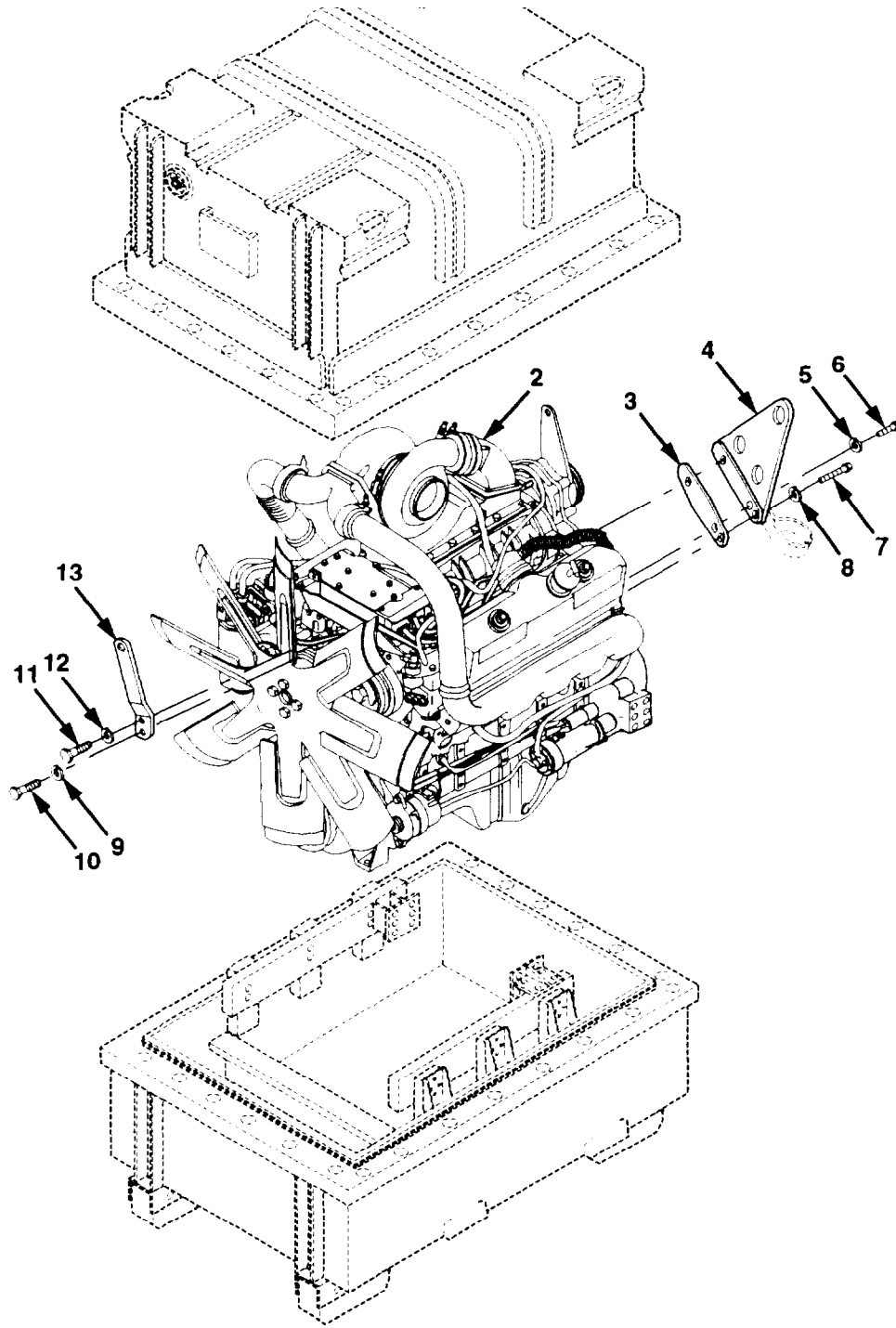


Figure 2. Engine Assembly

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	CAGE	PART NUMBER	DESCRIPTION USABLE ON CODE	UM	QTY INC IN UNIT
						GRDUP 0100 ENGINE ASSEMBLY		
2	1	PAFHH	2815-01-335-7448	19207	57K3047	ENGINE/CONTAINER DDEC II	EA	1
2	1	PAFHH		19207	57K4184	ENGINE/CONTAINER DDEC III	EA	1
2	2	PAFHH	2815-01-354-2911	19207	12436583	. ENGINE ASSY, DRESSED DDEC II	EA	1
2	2	PAFHH		19207	12472145	. ENGINE ASSY, DRESSED DDEC III ONLY	EA	1
2	3	PAFZZ	5330-00-725-2301	72582	5117332	..GASKET	EA	2
2	4	PFFZZ	5340-01-157-1763	72582	5133354	..BRACKET	EA	2
2	5	PAFZZ	5310-00-261-7340	96906	MS35338-8	..WASHER,LOCK 3/8	EA	1
2	6	PAFZZ	5305-01-054-2280	72582	5101377	..SCREW,CAP,HEX 3/8-16 X 1	EA	1
2	7	PAOZZ	5306-01-166-2607	72582	8921935	..BOLT,SELF-LOCKING 7/16-14 X 1 1/8	EA	2
2	8	PAOZZ	5310-00-209-0965	96906	MS35338-47	..WASHER,LOCK 7/16	EA	2
2	9	PAFZZ	5310-00-584-5272	96906	MS35338-48	..WASHER,LOCK 1/2	EA	1
2	10	PAFZZ	5305-00-225-3661	96906	MS35307-424	..SCREW,CAP,HEX 1/2-13 X 4 1/4	EA	1
2	11	PAFZZ	5305-00-224-1176	72582	223435	..SCREW,CAP,HEXAGON 5/8-11 X 1 3/4	EA	1
2	12	PAFZZ	5310-00-820-6653	96906	MS35338-50	..WASHER,LOCK 5/8	EA	1
2	13	PFFZZ	5340-01-336-5418	72582	8928612	..BRACKET,LIFT	EA	1

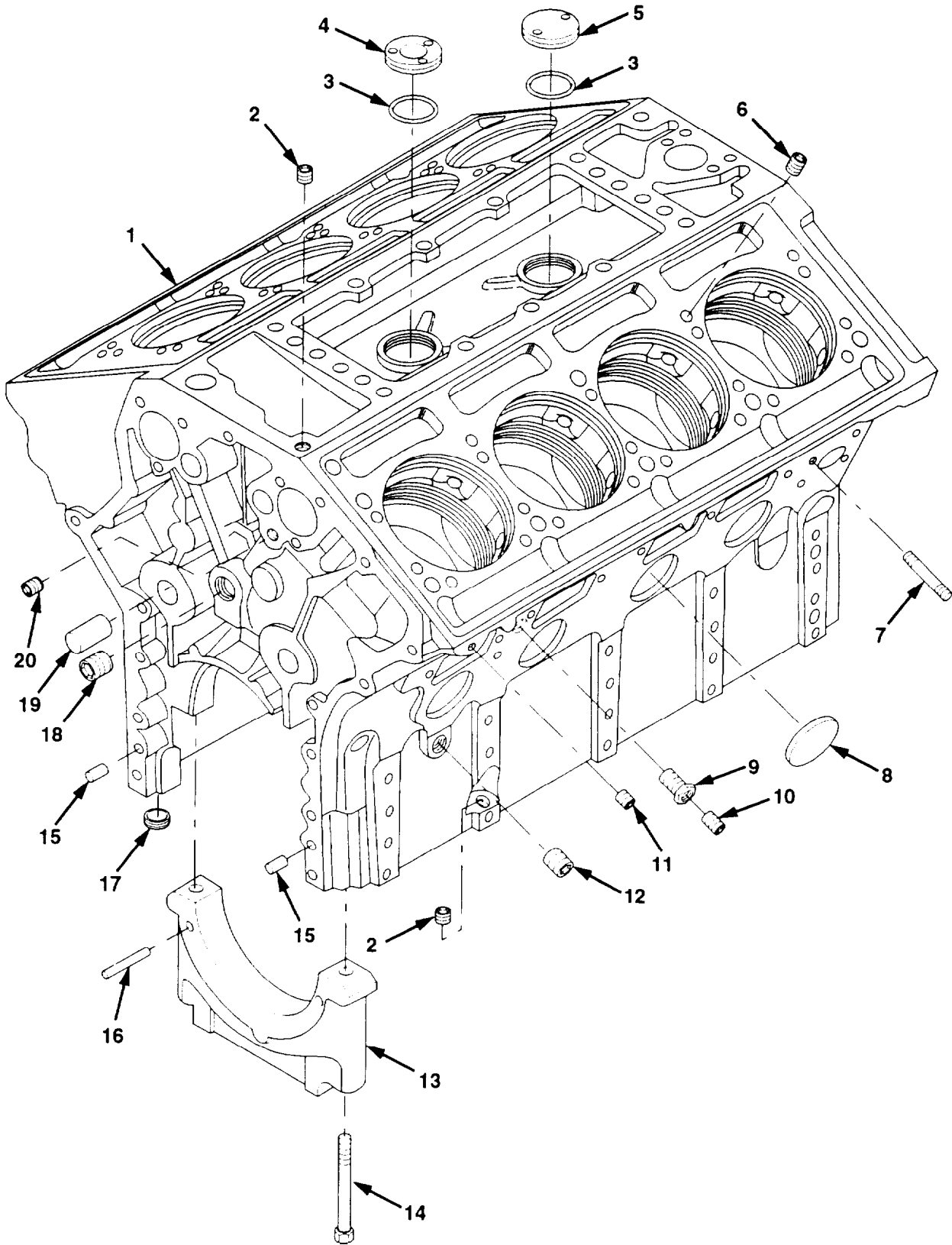


Figure 3. Cylinder Block (Sheet 1 of 3)

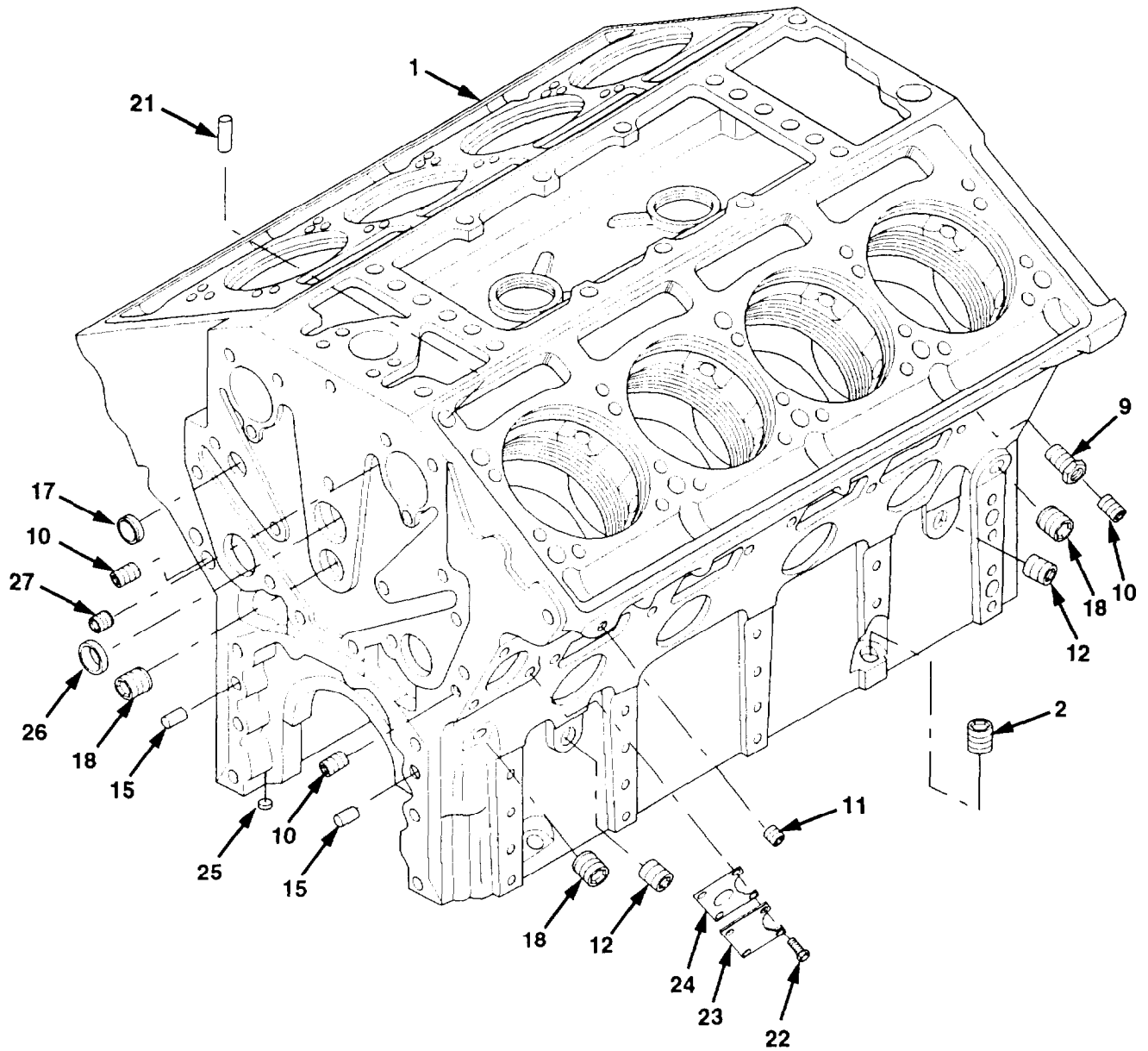


Figure 3. Cylinder Block (Sheet 2 of 3)

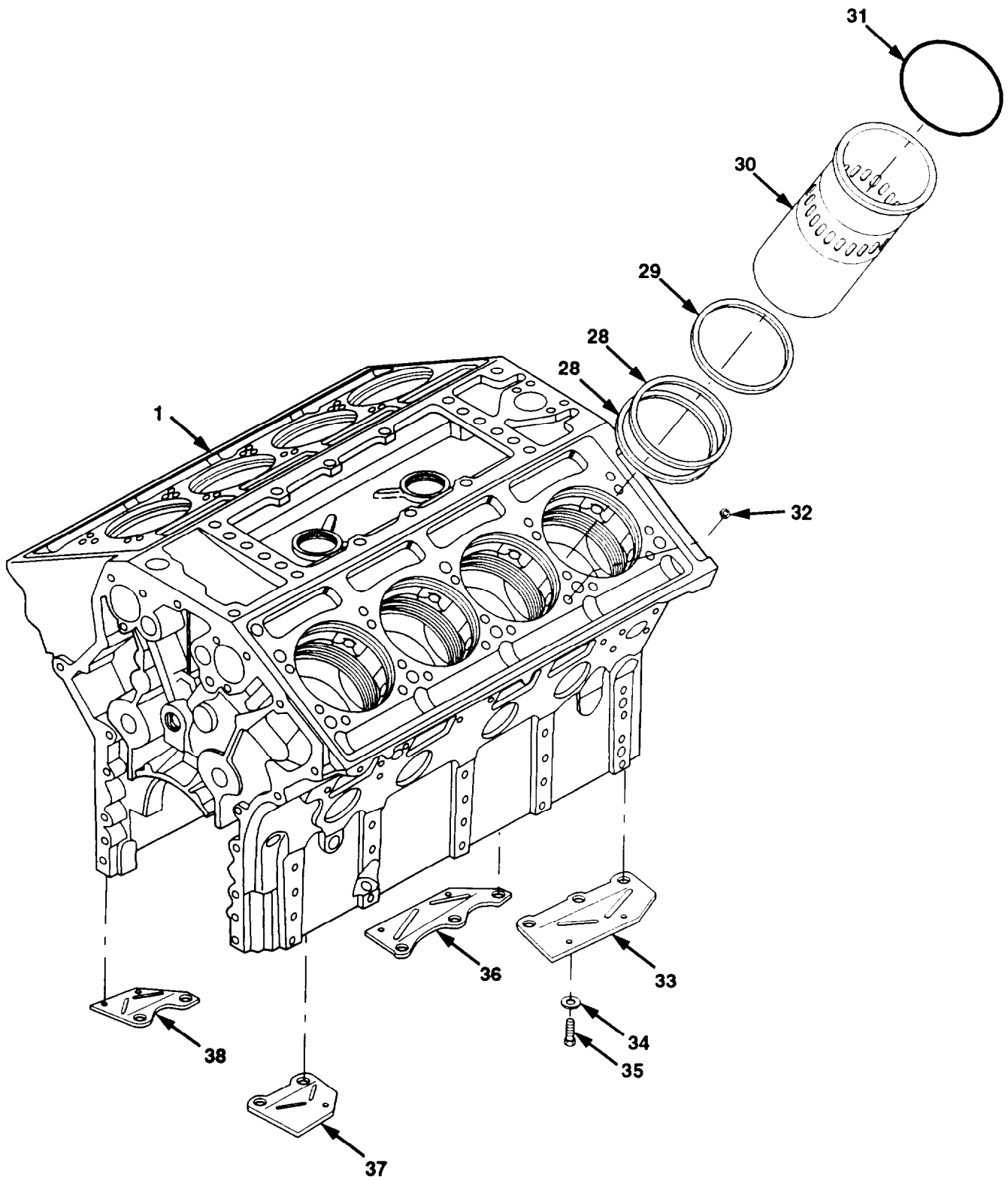


Figure 3. Cylinder Block (Sheet 3 of 3)

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	CAGE	PART NUMBER	DESCRIPTION USABLE ON CODE	UM	QTY INC IN UNIT
						GROUP 0101 CYLINDER BLOCK		
3	1	PBHHH	2815-01-113-9311	72582	8923317	ENGINE BLOCK,DIESEL	EA	1
3	2	PAHZZ	4730-00-089-2515	21450	444618	PLUG,PIPE	EA	7
3	3	PAHZZ	5330-00-769-4882	72582	5138659	GASKET PART OF KIT P/N 23512685	EA	2
3	4	PAHZZ	2815-01-157-3547	72582	5101033	ADAPTER,INLET,CYL	EA	1
3	5	PAHZZ	5340-00-231-1990	72582	5138646	PLUG,PROTECTIVE	EA	1
3	6	PAHZZ	4730-01-247-7108	72582	8925531	PLUG	EA	14
3	7	PAFZZ	5307-01-248-9867	72582	8927270	STUD,BLOCK ASSEMBLY 3/8-16-24 X 1 5/8	EA	2
3	8	PAHZZ	5340-00-255-4423	72582	5139989	PLUG.EXPANSION	EA	8
3	9	PAHZZ	3120-01-082-2541	72582	5146913	BUSHING	EA	2
3	10	PAHZZ	4730-01-189-6392	72582	8924517	PLUG	EA	4
3	11	PAHZZ	4730-00-371-5337	72582	8924380	PLUG,PIPE W/ SEAL, 1/8-27	EA	2
3	12	PAHZZ	4730-00-604-7953	72582	143969	PLUG,PIPE	EA	3
3	13	PAHZZ	3120-01-082-2150	72582	5146497	CAP,BRG,UNFINISHED	EA	5
3	13	PAHZZ	3130-01-164-5532	72582	5149220	CAP,ERG,FINISHED	EA	5
3	14	PAHZZ	5306-01-208-7958	72582	8924272	BOLT,MACHINE 12 PT. 11/16-11 X 6 29/32	EA	10
3	15	PAHZZ	5315-00-524-7660	72582	5151576	PIN,STRAIGHT,HDLS	EA	4
3	15	PAHZZ	5315-00-014-1346	72582	141346	PIN,STRAIGHT,HDLS	EA	4
3	17	PAHZZ	5340-01-144-1937	72582	5139988	PLUG 1 INCH	EA	4
3	18	PAHZZ	4730-01-188-3492	72582	8923313	PLUG,PIPE	EA	4
3	19	PAHZZ	5315-00-241-7484	72582	5154319	PIN,STRAIGHT,HDLS	EA	1
3	20	PAHZZ	4730-01-210-4252	72582	8923916	PLUG,PIPE 1/2 INCH	EA	2
3	21	PAHZZ	5315-01-137-3373	72582	5103045	PIN	EA	3
3	22	PAHZZ	5306-01-193-9291	72582	8927580	BOLT 3/8-16 X 1 1/64	EA	4
3	23	PAHZZ	5340-00-833-0822	72582	5117733	COVER,ACCESS	EA	1
3	24	PAHZZ	5330-00-745-7776	72582	5117734	GASKET PART OF KIT P/N 23512685	EA	1
3	25	PAHZZ	5340-00-598-5135	72582	9428477	PLUG,EXPANSION 15/16 INCH	EA	1
3	26	PAHZZ	5340-00-231-0941	72582	5132410	PLUG,EXPANSION	EA	3
3	27	PAHZZ	4730-01-197-2018	72582	8924141	PLUG,PIPE	EA	2
3	28	PAHZZ	5330-01-054-2267	72582	8927189	SEAL,CYLINDER LINER PART OF KIT P/N 23519142	EA	16
3	29	PAHZZ	2815-01-058-0254	72582	5148501	INSERT,CYLINDER PART OF KIT P/N 23519142	EA	8
3	30	PAHZZ	2815-01-358-0154	72582	23508383	LINER,CYLINDER	EA	8

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	CAGE	PART NUMBER	DESCRIPTION USABLE ON CODE	UM	QTY INC IN UNIT
						GROUP 0101 CYLINDER BLOCK		
3	31	PAHZZ	5330-01-054-2398	72582	5100404	GASKET PART OF KITS P/N 23512685 AND 5199674	EA	8
3	32	PAFZZ	5365-01-062-0943	72582	5148502	RING,SEAL PART OF KIT P/N 5199574	EA	34
3	33	PAHZZ	2815-01-205-9413	72582	8923160	STABILIZER,CSHAFT	EA	1
3	34	PAHZZ	5310-01-209-7979	72582	5125608	WASHER,FLAT 15/32 X 3/4	EA	7
3	35	PAHZZ	5305-00-071-1787	80204	B1821BH044C113N	SCREW,CAP,HEX 7/16-14 X 1 1/8	EA	7
3	36	PAHZZ	2815-01-052-3554	72582	8923159	STABILIZER,CAP,BRG	EA	1
3	37	PAHZZ	2815-01-051-6673	72582	8923162	STABILIZER,DIESEL	EA	1
3	38	PAHZZ	2915-01-052-5633	72582	8923163	STABILIZER,CAP,BRG	EA	1