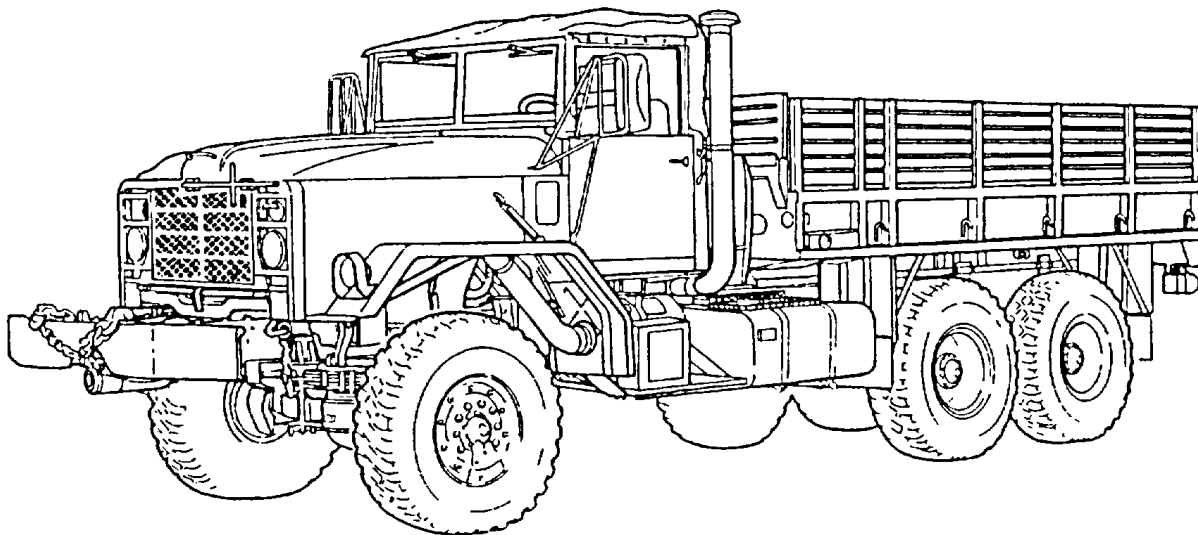


TECHNICAL MANUAL
UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
TRUCK, 5-TON, 6X6, M939, M939A1, M939A2
SERIES TRUCKS (DIESEL)

FEBRUARY 1999



TRUCK, CARGO: 5-TON, 6X6, DROPSIDE,
M923 (2320-01-050-2084) (EIC: BRY); M923A1 (2320-01-206-4087) (EIC: BSS); M923A2 (2320-01-230-0307) (EIC: BS7);
M925 (2320-01-047-8769) (EIC: BRT); M925A1 (2320-01-206-4088) (EIC: BST); M925A2 (2320-01-230-0308) (EIC: BS8);

TRUCK, CARGO: 5-TON, 6X6 XLWB,
M927 (2320-01-047-8771) (EIC: BRV); M927A1 (2320-01-206-4089) (EIC: BSW); M927A2 (2320-01-230-0309) (EIC: BS9);
M928 (2320-01-047-8770) (EIC: BRU); M928A1 (2320-01-206-4090) (EIC: BSX); M928A2 (2320-01-230-0310) (EIC: BTM);

TRUCK, DUMP: 5-TON, 6X6,
M929 (2320-01-047-8756) (EIC: BTH); M929A1 (2320-01-206-4079) (EIC: BSY); M929A2 (2320-01-230-0305) (EIC: BTN);
M930 (2320-01-047-8755) (EIC: BTG); M930A1 (2320-01-206-4080) (EIC: BSZ); M930A2 (2320-01-230-0306) (EIC: BTO);

TRUCK, TRACTOR: 5-TON, 6X6,
M931 (2320-01-047-8753) (EIC: BTE); M931A1 (2320-01-206-4077) (EIC: BS2); M931A2 (2320-01-230-0302) (EIC: BTP);
M932 (2320-01-047-8752) (EIC: BTD); M932A1 (2320-01-205-2684) (EIC: BS55); M932A2 (2320-01-230-0303) (EIC: BTQ);

TRUCK, VAN, EXPANSIBLE: 5-TON, 6X6,
M934 (2320-01-047-8750) (EIC: BTB); M934A1 (2320-01-205-2682) (EIC: BS4); M934A2 (2320-01-230-0300) (EIC: BTR);

TRUCK, MEDIUM WRECKER: 5-TON, 6X6,
M936 (2320-01-047-8754) (EIC: BTF); M936A1 (2320-01-206-4078) (EIC: BS6); M936A2 (2320-01-230-0304) (EIC: BTT).

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Washington D.C., 1 February 1999

TECHNICAL ORDER
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**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
TRUCK, 5-TON, 6X6, M939, M939A1, AND M939A2 SERIES TRUCKS (DIESEL)**

TRUCK	MODEL	EIC	NSN WITHOUT WINCH	NSN WITH WINCH
Cargo, Dropside	M923	BRY	2320-01-050-2084	
Cargo, Dropside	M923A1	BSS	2320-01-206-4087	
Cargo, Dropside	M923A2	BS7	2320-01-230-0307	
Cargo, Dropside	M925	BRT		2320-01-047-8769
Cargo, Dropside	M925A1	BST		2320-01-206-4088
Cargo, Dropside	M925A2	BS8		2320-01-230-0308
Cargo	M927	BRV	2320-01-047-8771	
Cargo	M927A1	BSW	2320-01-206-4089	
Cargo	M927A2	BS9	2320-01-230-0309	
Cargo	M928	BRU		2320-01-047-8770
Cargo	M928A1	BSX		2320-01-206-4090
Cargo	M928A2	BTM		2320-01-230-0310
Dump	M929	BTH	2320-01-047-8756	
Dump	M929A1	BSY	2320-01-206-4079	
Dump	M929A2	BTN	2320-01-230-0305	
Dump	M930	BTG		2320-01-047-8755
Dump	M930A1	BSZ		2320-01-206-4080
Dump	M930A2	BTO		2320-01-230-0306
Tractor	M931	BTE	2320-01-047-8753	
Tractor	M931A1	BS2	2320-01-206-4077	
Tractor	M931A2	BTP	2320-01-230-0302	
Tractor	M932	BTD		2320-01-047-8752
Tractor	M932A1	BS5		2320-01-205-2684
Tractor	M932A2	BTQ		2320-01-230-0303
Van, Expansible	M934	BTB	2320-01-047-8750	
Van, Expansible	M934A1	BS4	2320-01-205-2682	
Van, Expansible	M934A2	BTR	2320-01-230-0300	
Medium Wrecker	M936	BTF		2320-01-047-8754
Medium Wrecker	M936A1	BS6		2320-01-206-4078
Medium Wrecker	M936A2	BTT		2320-01-230-0304

REPORTING OF 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual, directly to: Director, Armament and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. A reply will be furnished to you. You may also provide DA Form 2028-2 information via datafax or e-mail:

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

Section I. INTRODUCTION

1. Scope.

This Repair Parts and Special Tools List (RPSTL) lists and authorizes spares and repair parts; special tools; Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of unit, direct support, and general support maintenance of the 5-ton, 6x6, M939, M939A1, and M939A2 series vehicles. 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 RPSTL is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized 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 reparable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

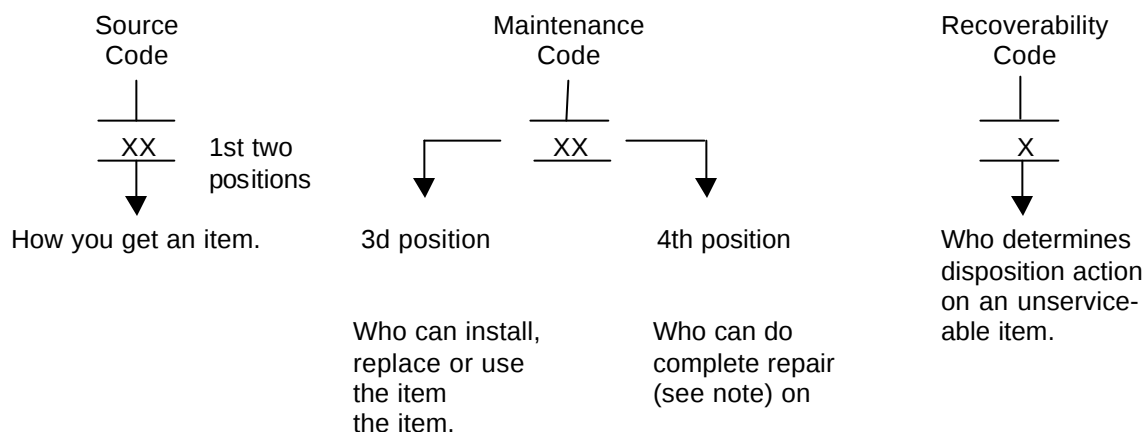
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in ascending National Item Identification Number (NIIN) (last nine numerals) 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.

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.

1 —
2
thru
5

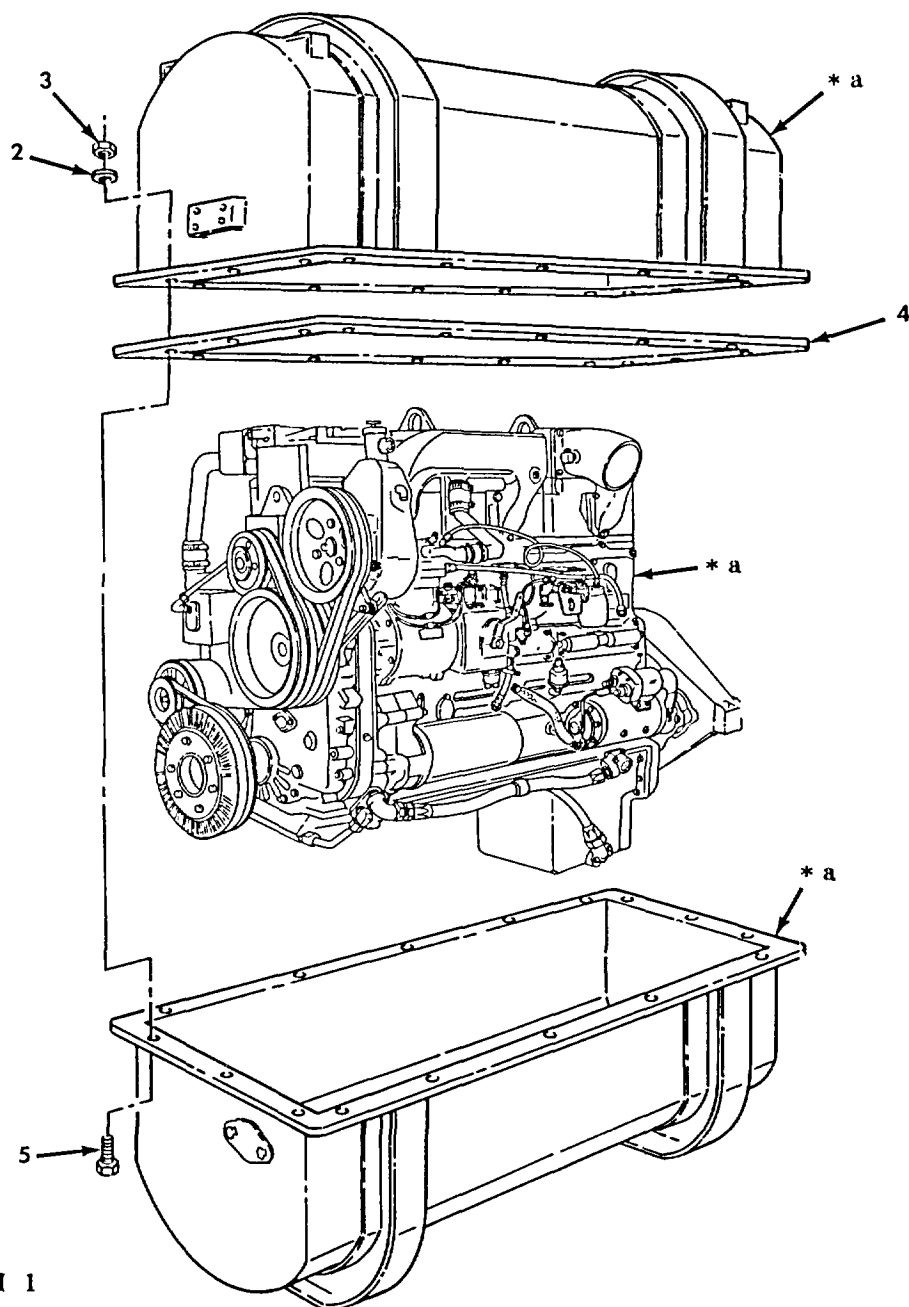


Figure 1. Engine and Container Assembly (M939, M939A1).

SECTION II					TM 9-2320-272-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 01 ENGINE						
0100 ENGINE ASSEMBLY						
FIG. 1 ENGINE AND CONTAINER ASSEMBLY						
(M939,M939A1)						
1	PAFHH	2815011112262	19207	5704507	ENGINE, DIESEL	1
					UOC:DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	
2	PAFZZ	5310008206653	96906	MS35338-50	.WASHER, LOCK	42
					UOC:DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	
3	PAFZZ	5310007638920	96906	MS51967-20	.NUT, PLAIN, HEXAGON	42
					UOC:DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	
4	PAFZZ	5330011377090	19207	11648657	.SEAL, NONMETALLIC RO	1
					UOC:DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	
5	PAFZZ	5305007247222	80204	B1821BH063C200N	.SCREW, CAP, HEXAGON H	42
					UOC:DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	

END OF FIGURE

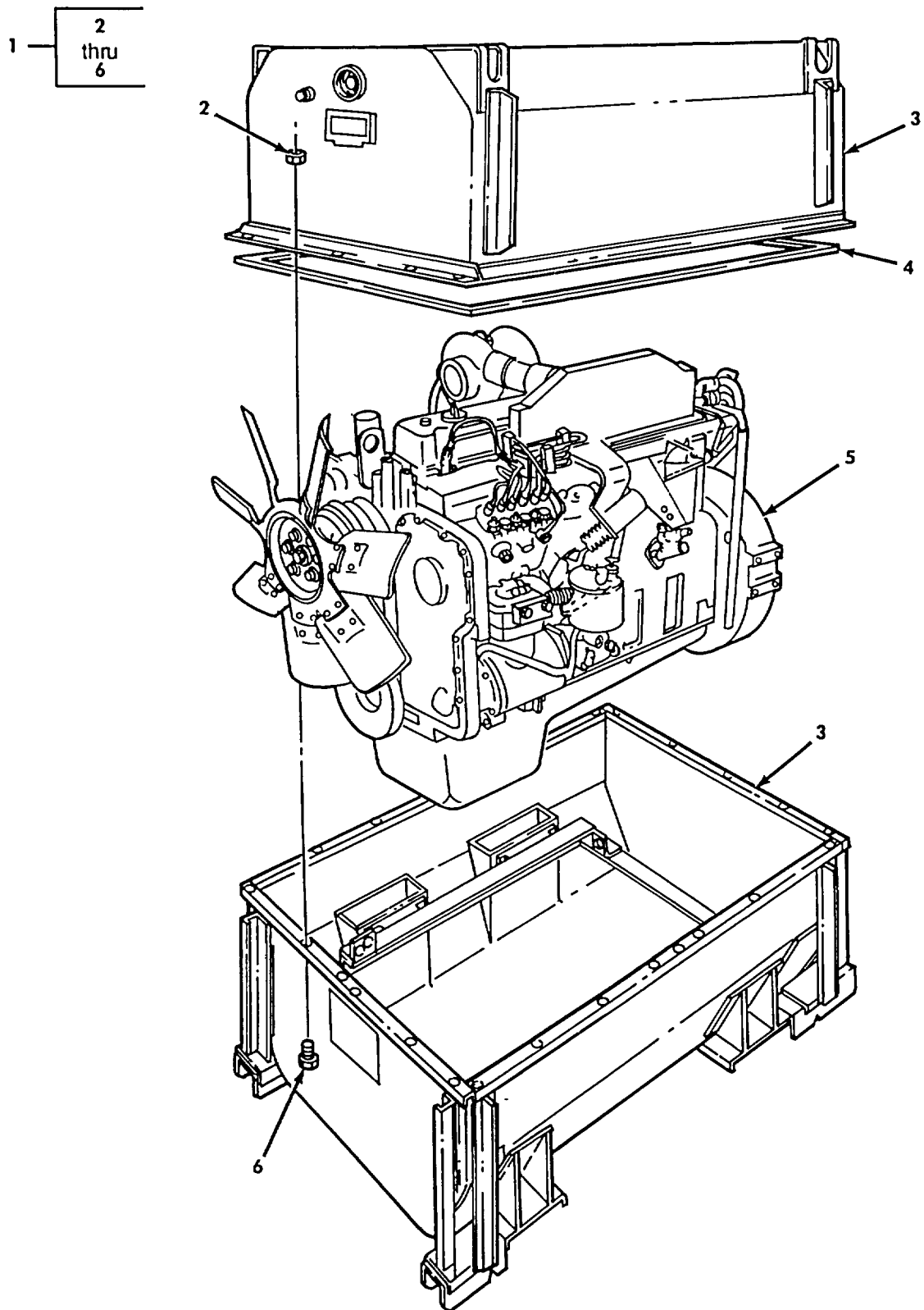


Figure 2. Engine and Container Assembly (M939A2).

SECTION II					TM 9-2320-272-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0100 ENGINE ASSEMBLY						
FIG. 2 ENGINE AND CONTAINER ASSEMBLY (M939A2)						
1	PAFHH	2815013747539	19207	57K3194	ENGINE,DIESEL ASSEMBLY W/CONTAINER.	1
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ, ZAK, ZAL	
2	PAFZZ	5310007680318	96906	MS51967-14	.NUT,PLAIN,HEXAGON	24
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ, ZAK, ZAL	
3	XDFHH	B145013173498	19207	12363644	.SHIPPING AND STORAG	1
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ, ZAK, ZAL	
4	PAFZZ	5330013506119	19207	12363654	.GASKET FOR STORAGE CONTAINER	1
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ,ZAK,ZAL	
5	XAFHH		19207	12363270 XA	.ENGINE,DIESEL ASSEMBLY	1
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ,ZAK,ZAL	
6	PAFZZ	5305000712067	80204	B1821BH050C125N	.SCREW,CAP,HEXAGON H.....	24
					UOC:ZAA,ZAB,ZAC,ZAD,ZAE,ZAF,ZAG,ZAH, ZAJ,ZAK,ZAL	
END OF FIGURE						

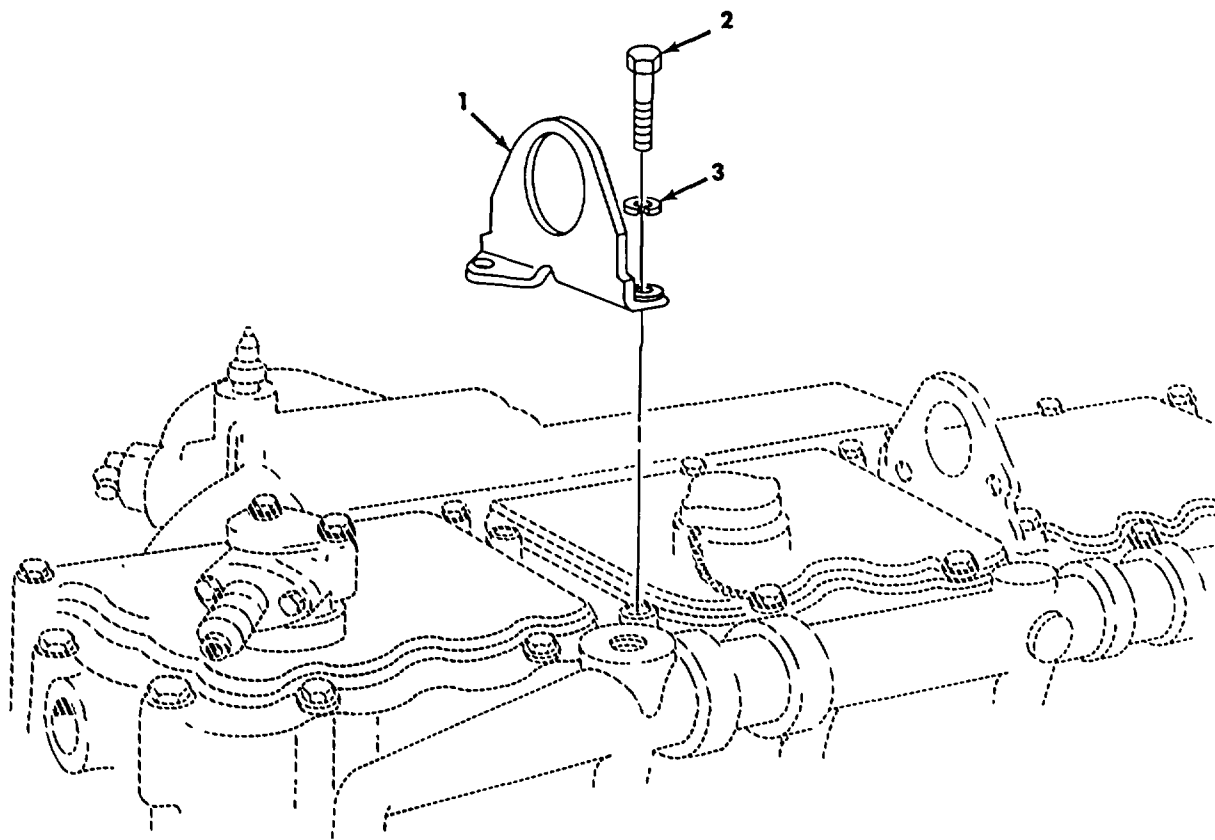


Figure 3. Engine Lifting Brackets (M939, M939A1).

SECTION II					TM 9-2320-272-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0100 ENGINE ASSEMBLY						
FIG. 3 ENGINE LIFTING BRACKETS(M939, M939A1)						
1	PAFZZ	5342004042946	15434	170226	BRACKET, ENGINE LIFT UOC: DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	2
2	PAFZZ	5305007959343	15434	S-176	SCREW,CAP,HEXAGON H UOC: DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	4
3	PAFZZ	5310012001318	15434	S-608	WASHER, LOCK UOC: DAA, DAB, DAC, DAD, DAE, DAF, DAG, DAH, DAJ, DAK, DAL, DAW, DAX, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V24, V25, V39	4
END OF FIGURE						

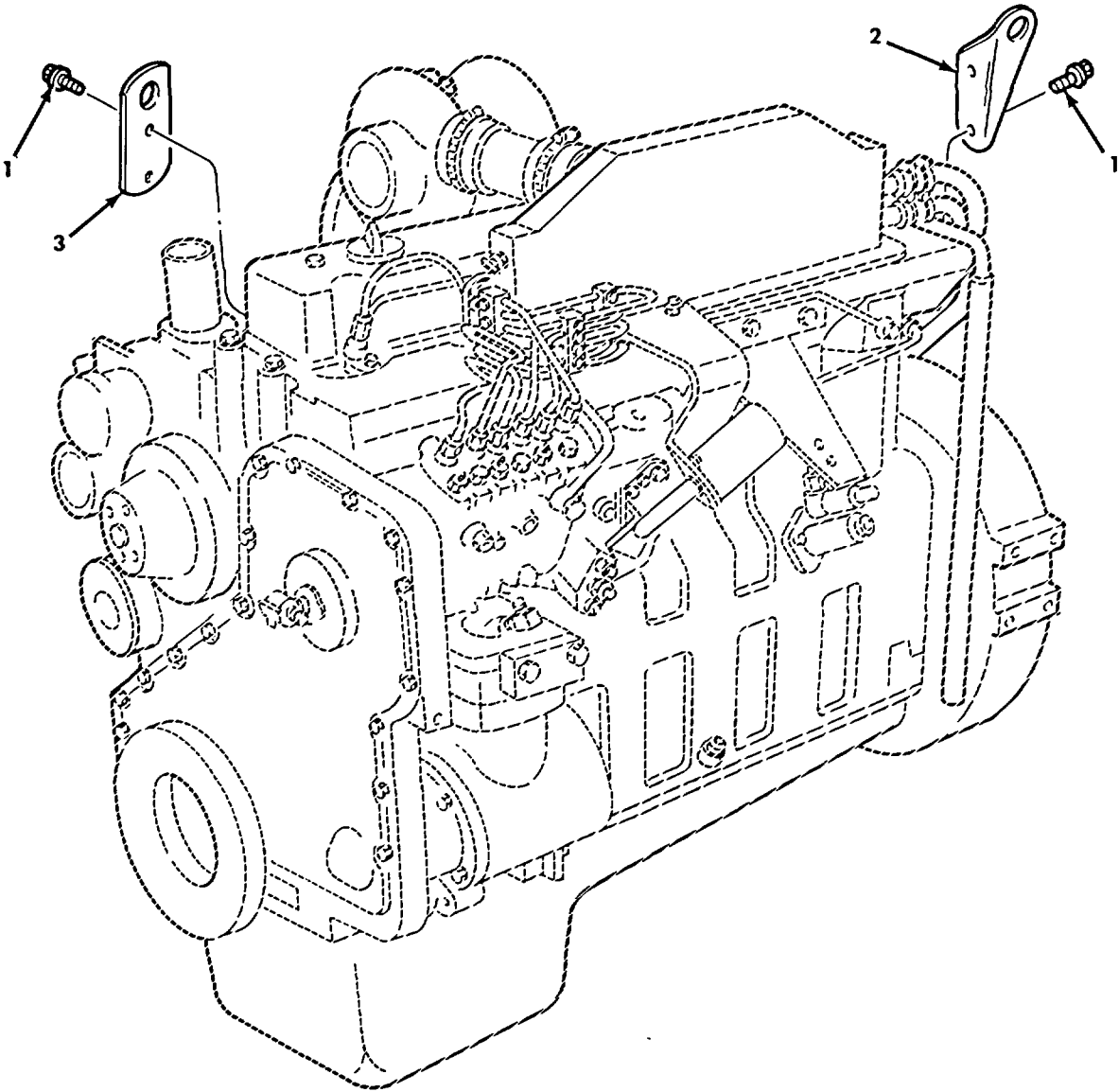


Figure 4. Engine Lifting Brackets (M939A2).

SECTION II					TM 9-2320-272-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0100 ENGINE ASSEMBLY						
FIG. 4 ENGINE LIFTING BRACKETS (M939A2)						
1	PAFZZ	5305012685558	15434	3903200	SCREW,CAP,HEXAGON H	4
					UOC: ZAA, ZAB, ZAC, ZAD, ZAE, ZAF, ZAG, ZAH, ZAJ, ZAK, ZAL	
2	PAFZZ	5342012726724	15434	3906440	BRACKET, ENGINE ACCE	1
					UOC: ZAA, ZAB, ZAC, ZAD, ZAE, ZAF, ZAG, ZAH, ZAJ, ZAK, ZAL	
3	PAFZZ	5342012726725	15434	3907861	BRACKET, ENGINE ACCE	1
					UOC: ZAA, ZAB, ZAC, ZAD, ZAE, ZAF, ZAG, ZAH, ZAJ, ZAK, ZAL	
END OF FIGURE						