

TECHNICAL MANUAL

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

TRACTOR, FULL-TRACKED, LOW
SPEED, DED, MEDIUM DRAWBAR
PULL; OSCILLATING TRACK,
78 IN. GAGE

NSN 2410-00-177-7283 W/RIPPER

NSN 2410-00-177-7284 W/WINCH

NSN 2410-00-185-9794

W/RIPPER AND ROPS

NSN 2410-00-185-9792

W/WINCH AND ROPS

CATERPILLAR MODEL D7F

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HEADQUARTERS, DEPARTMENT OF THE ARMY
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Technical Manual

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HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington, DC, 21 January 2002

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CURRENT AS OF 06 November 2001

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7465- ROOTERS, RIPPERS, PLOWS, HARROWS AND ROTARY TILLERS _____	203-1	
RIPPER ASSEMBLY _____	203-1	203
GROUP 94 REPAIR KITS		
9401- KITS _____	KIT-1	
KITS _____	KIT-1	KIT
GROUP 95 GENERAL USE STANDARDIZED PARTS		
9501- BULK MATERIAL _____	BULK-1	
BULK _____	BULK-1	BULK
SECTION III. SPECIAL TOOLS LIST (NOT APPLICABLE)		
SECTION IV. CROSS REFERENCE INDEX		
NATIONAL STOCK NUMBER TO FIGURE AND ITEM NUMBER INDEX	I-1	
PART NUMBER TO ITEM NUMBER INDEX	I-53	

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT INCLUDING DEPOT 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 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.

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 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).

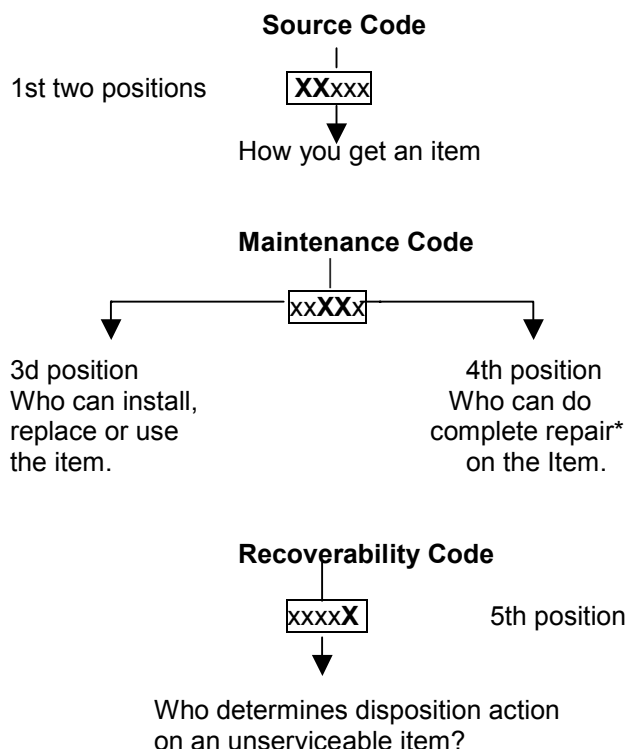
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as Indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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, CAGE and 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 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.

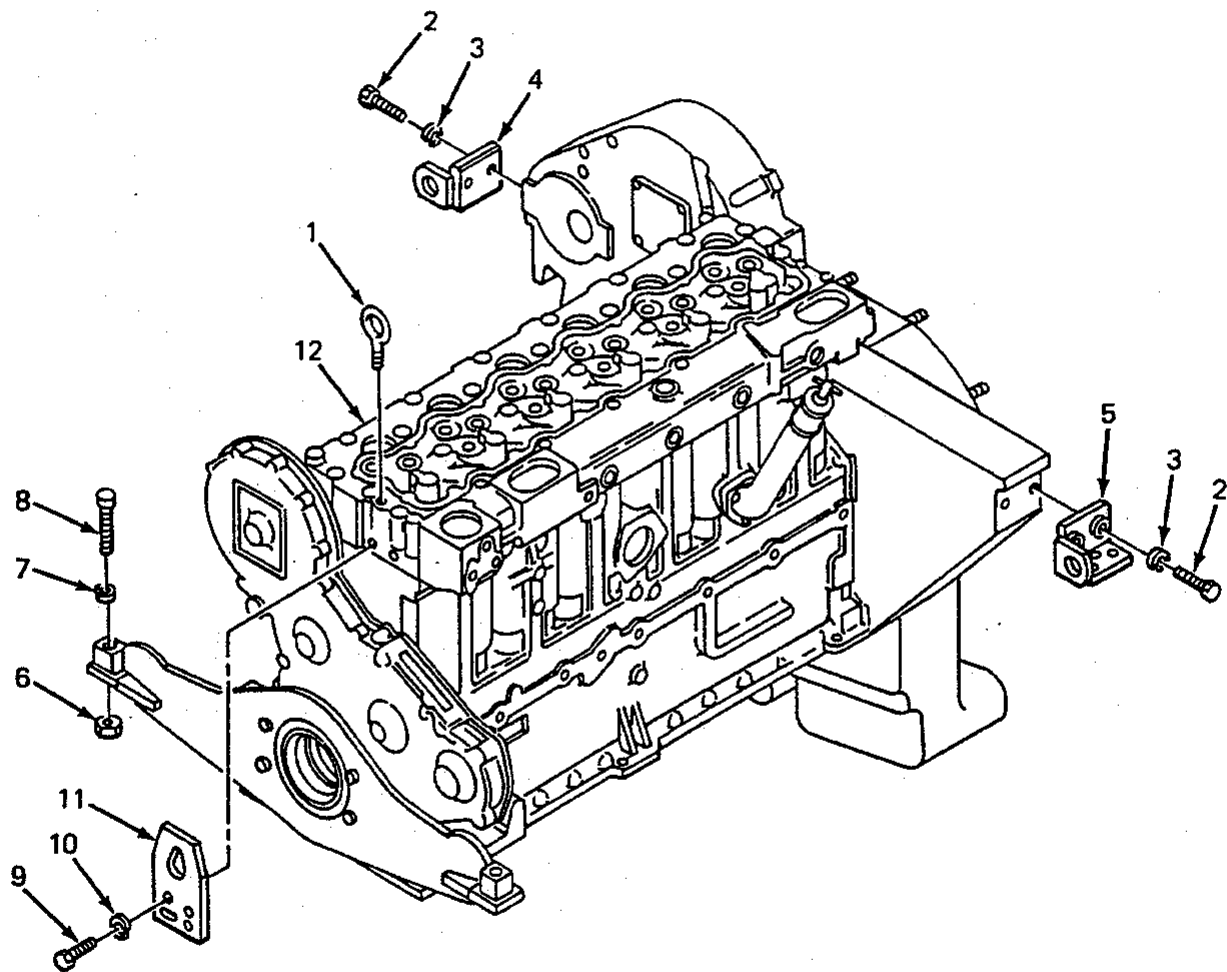


FIGURE 1. ENGINE AND MOUNTING BRACKETS, 5R0829, 5R3715, 5R7757, 5R8357 ENGINES.

SECTION II		TM5-2410-233-24P						
(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								
GROUP 0100 ENGINE ASSEMBLY								
FIG. 1 ENGINE AND MOUNTING BRACKETS, 5R0829, 5R3715, 5R7757, 5R8357 ENGINES								
1	PAFZZ	5306001401975	11083	5L4544		BOLT,EYE.....	1	
						UOC:BSU,BSV,BSW,BSX,BSZ,GAB		
2	PFFZZ	5305007247221	80204	B1821BH063C175N		SCREW,CAP,HEXAGON H 5/8" 11NC	4	
						1.75" LONG.....		
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
3	PFOZZ	5310008206653	96906	MS35338-50		WASHER, LOCK.....	4	
						UOC:BSR,BSS,BSU,BSV,BSW,BSX		
4	PAFZZ	2510013515937	11083	9S6987		BRACKET,ENGINE MOUN.....	1	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
5	PAFZZ	2510013514026	11083	9S8926		BRACKET,ENGINE MOUN.....	1	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
6	PAFZZ	5310009785406	11083	2J3506		NUT,PLAIN,HEXAGON.....	2	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
7	PAFZZ	5310004191363	11083	2S0115		WASHER,FLAT.....	2	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
8	PAFZZ	5306004264171	11083	3B2968		BOLT,MACHINE.....	2	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
9	PAFZZ	5305007215322	96906	MS35307-462		SCREW,CAP,HEXAGON H.....	2	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
10	PAFZZ	5310011073590	11083	8D5054		WASHER,FLAT.....	2	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
11	PAFZZ	5365011575068	11083	8N8721		SPACER,PLATE.....	1	
						UOC:BSQ,BST,BSU,BSV,BSW,BSX,BSY,BSZ, GAB,RJG		
END OF FIGURE								

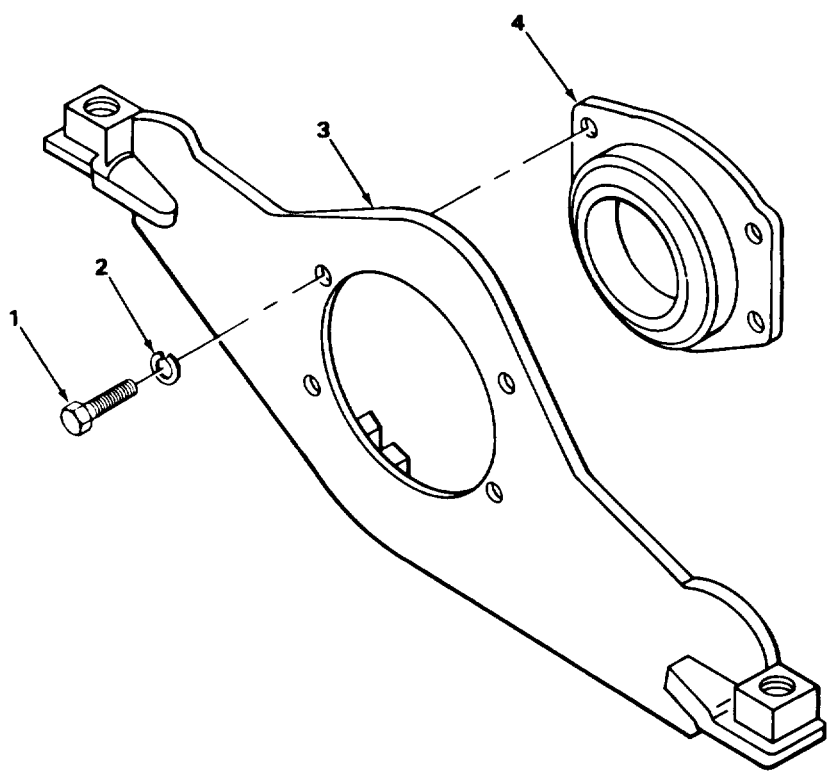


FIGURE 2. ENGINE FRONT SUPPORT.

SECTION II			TM5-2410-233-24P			
(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 FRONT SUPPORT, 5R0829 ENGINE	
1	PAFZZ	5306004238117	11083	S1595	BOLT, MACHINE.....	4
					UOC:BSR, BSS, BSU, BSV, BSW, BSX	
2	PFFZZ	5310005845272	96906	MS35338-48	WASHER, LOCK.....	4
					UOC:BSR, BSS, BSU, BSV, BSW, BSX	
3	XDFZZ	2510013515938	11083	1P6074	BRACKET, ENGINE MOUN.....	1
					UOC:BSR, BSS, BSU, BSV, BSW, BSX	
4	PFFZZ	3120004933910	11083	7S1234	BUSHING, SLEEVE.....	1
					UOC:BSR, BSS, BSU, BSV, BSW, BSX	
END OF FIGURE						