

TECHNICAL MANUAL

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

**COMPRESSOR, ROTARY, AIR
250 CFM, 100 PSI; TRAILER MTD, DED**

ARMY MODEL M250RPV

NSN 4310-00-075-7064

DAVEY COMPRESSOR CO MODEL M250RPV

ARMY MODEL 6M250RN

NSN 4310-00-078-2462

DAVEY COMPRESSOR CO. MODEL 6M250RPV

ARMY MODEL 9M250RPV

NSN 4310-00-248-3496

DAVEY COMPRESSOR CO. MODEL 9M250RPV

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HEADQUARTERS, DEPARTMENT OF THE ARMY

MAY 1988

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Current as of 2 February 1988

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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TABLE OF CONTENTS

	PAGE	ILLUS FIG
SECTION I. INTRODUCTION	1	
SECTION II. REPAIR PARTS LIST	1-1	
GROUP 01 ENGINE		
0100-ENGINE ASSEMBLY	1-1	
ENGINE CYLINDER BLOCK	1-1	1
0101-CRANKCASE, BLOCK, CYLINDER HEAD	2-1	
ENGINE CYLINDER BLOCK	2-1	2
CYLINDER HEAD AND RELATED PARTS	3-1	3

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TABLE OF CONTENTS

	PAGE	ILLUS FIG
0102-CRANKSHAFT	4-1	
CRANKSHAFT	4-1	4
0103-FLYWHEEL ASSEMBLY	5-1	
FLYWHEEL AND HOUSING	5-1	5
0104-PISTONS, CONNECTING RODS	6-1	
PISTON AND CONNECTING ROD	6-1	6
0105-VALVES, CAMSHAFTS, AND TIMING SYSTEM	7-1	
ROCKER ARMS AND COVER	7-1	7
ENGINE VALVES AND RELATED PARTS	8-1	8
CAMSHAFT	9-1	9
TIMING GEAR COVER	10-1	10
0106-ENGINE LUBRICATIONS SYSTEM	11-1	
ENGINE OIL FILTER ASSEMBLY	11-1	11
ENGINE OIL COOLER	12-1	12
OIL PAN	13-1	13
OIL PUMP	14-1	14
OIL PUMP DRIVE	15-1	15
OIL FILLER CAP AND DIPSTICK	16-1	16
0108-MANIFOLDS	17-1	
MANIFOLD	17-1	17
0109-ACCESSORY DRIVING MECHANISMS	18-1	
ACCESSORY DRIVE COMPONENTS	18-1	18
DRIVE HOUSING	19-1	19
 GROUP 03		
FUEL SYSTEM		
0301-CARBURETOR, FUEL INJECTOR	20-1	
FUEL INJECTOR AND LINES	20-1	20
0302-FUEL PUMPS	21-1	
FUEL PUMP AND LINES	21-1	21
FUEL PUMP END COVER	22-1	22
FUEL PUMP SOLENOID AND COVER	23-1	23
FUEL PUMP CAM GOVERNOR AND DRIVE SHAFT	24-1	24
FUEL PUMP DRIVE COMPONENTS	25-1	25
0304-AIR CLEANER	26-1	
ENGINE AIR CLEANER (AZM)	26-1	26
ENGINE AIR CLEANER (AZN)	27-1	27
0306-TANKS, LINES, FITTINGS, HEADERS	28-1	
FUEL TANK LINES AND MOUNTING	28-1	28
FUEL TANK CAP AND LINES	29-1	29
0308-ENGINE SPEED GOVERNOR AND CONTROLS	30-1	
ENGINE CONTROL ASSEMBLY	30-1	30
ENGINE CONTROL AND RELATED PARTS	31-1	31
ENGINE CONTROL	32-1	32
ENGINE CONTROL ROD	33-1	33
ENGINE CONTROL COVER	34-1	34
FUEL PUMP GOVERNOR LINKAGE	35-1	35
0309-FUEL FILTERS	36-1	
FUEL TANK FILTER	36-1	36
PRIMARY FUEL FILTER	37-1	37
SECONDARY FUEL FILTER	38-1	38
MOISTURE SEPARATOR	39-1	39
MOISTURE SEPARATOR FITTINGS	40-1	40

TABLE OF CONTENTS

	PAGE	ILLUS FIG
0311-ENGINE STARTING AIDS	41-1	
QUICK START KIT	41-1	41
0312-ACCELERATOR, THROTTLE OR CHOKE CONTROLS	42-1	
IDLE STOP AND QUICK START CONTROLS.....	42-1	42
FUEL PUMP LINKAGE	43-1	43
GROUP 04 EXHAUST SYSTEM		
0401-MUFFLER AND PIPES	44-1	
EXHAUST PIPE AND RAIN SHIELD.....	44-1	44
GROUP 05 COOLING SYSTEM		
0501-RADIATOR, EVAPORATIVE COOLER, OR HEAT EXCHANGER ...	45-1	
RADIATOR COMPRESSOR COOLER	45-1	45
0503-WATER MANIFOLD, HEADERS THE RMOSTATS AND HOUSING GASKET.....	46-1	
THERMOSTAT HOUSING AND HOSE	46-1	46
0504-WATER PUMP	47-1	
WATER PUMP AND ATTACHING PARTS	47-1	47
0505-FAN ASSEMBLY	48-1	
FAN AND ATTACHED PARTS	48-1	48
GROUP 06 ELECTRICAL SYSTEM (ENGINE AND VEHICULAR, ETC.)		
0601-GENERATOR, ALTERNATOR	49-1	
GENERATOR	49-1	49
0602-GENERATOR, REGULATOR	50-1	
VOLTAGE REGULATOR MOUNTING AND CABLES	50-1	50
0603-STARTING MOTOR	51-1	
STARTER	51-1	51
0607-INSTRUMENT OR ENGINE CONTROL PANEL	52-1	
INSTRUMENT PANEL, REAR	52-1	52
INSTRUMENT PANEL, FRONT.....	53-1	53
INSTRUMENT PANEL, REAR (BYY)	54-1	54
INSTRUMENT PANEL, FRONT(BYY)	55-1	55
0609-LIGHTS	56-1	
BLACKOUT STOP AND TAIL LIGHT.....	56-1	56
CLEARANCE LIGHTS.....	57-1	57
SIGNAL LIGHT.....	58-1	58
0610-SENDING UNITS AND WARNING SWITCHES	59-1	
FUEL TANK SENDING UNIT	59-1	59
ENGINE HIGH TEMPERATURE SWITCH	60-1	60
0612-BATTERIES, STORAGE (WET OR DRY)	61-1	
BATTERY BOX AND RELATED PARTS	61-1	61
RIGHT SIDE BATTERY BOX COMPONENTS.....	62-1	62
GROUP 15 FRAME, TOWING ATTACHMENTS DRAWBARS AND ARTICULATION SYSTEMS		
1501-FRAME ASSEMBLY	63-1	
SKID FRAME (BYY)	63-1	63
SKID FRAME	64-1	64

TABLE OF CONTENTS

	PAGE	ILLUS FIG
GROUP 18	BODY, CAB, HOOD AND HULL	
1801-BODY, CAB, HOOD AND HULL ASSEMBLIES	65-1	
HOUSING	65-1	65
HOUSING	66-1	66
DRIP PAN AND SUPPORTS (AZM, AZN)	67-1	67
DRIP PAN AND SUPPORTS (BYY)	68-1	68
1808-STOWAGE RACKS, BOXES, STRAPS CARRYING CASES		
CABLE REELS HOSE REELS, ETC	69-1	
TOOL BOX, LEFT SIDE	69-1	69
TOOL BOX, RIGHT SIDE	70-1	70
TOOL BOX, RIGHT SIDE (BYY)	71-1	71
TOOL BOX, LEFT SIDE (BYY)	72-1	72
TOOL BOX, REAR.....	73-1	73
TOOL BOX, REAR (BYY)	74-1	74
GROUP 47	GAGES (NON-ELECTRICAL) WEIGHING AND MEASURING DEVICES	
4701-INSTRUMENTS (SPEED AND DISTANCE)	75-1	
INSTRUMENT PANEL REAR.....	75-1	75
INSTRUMENT PANEL FRONT	76-1	76
4702-GAGES, MOUNTINGS, LINES AND FITTINGS	77-1	
INSTRUMENT PANEL REAR (BYY)	77-1	77
4703-HOURMETER	78-1	
INSTRUMENT PANEL FRONT, TACH-HOURMETER	78-1	78
DRIVE CABLE TACH-HOURMETER	79-1	79
GROUP 50	PNEUMATIC EQUIPMENT	
5000-AIR COMPRESSOR ASSEMBLY	80-1	
COMPRESSOR	80-1	80
5006-LUBRICATION SYSTEM	81-1	
OIL SEPARATOR TANK	81-1	81
OIL SEPARATOR COVER AND VALVE (AZM)	82-1	82
OIL SEPARATOR COVER AND VALVE (AZN, BYY).....	83-1	83
COMPRESSOR EXTERNAL OIL LINES AND FITTINGS	84-1	84
COMPRESSOR OIL FILTER	85-1	85
5008-AIR INTAKES	86-1	
COMPRESSOR AIR CLEANER (AZM)	86-1	86
COMPRESSOR AIR CLEANER (AZN, BYY)	87-1	87
5009-UNLOADER SYSTEM COMPONENTS	88-1	
BLOWDOWN VALVE (AZM)	88-1	88
BLOWDOWN VALVE (AZN, BYY)	89-1	89
INTAKE UNLOADER	90-1	90
INTAKE UNLOADER (BYY)	91-1	91
THERMAL BY PASS VALVE	92-1	92
5013-HOSE REEL	93-1	
HOSE REEL (AZM)	93-1	93
HOSE REEL (AZN, BYY).....	94-1	94
5015-AIR DISCHARGE SYSTEM	95-1	
COMPRESSOR AIR LINES (AZM)	95-1	95
COMPRESSOR AIR LINES (AZN)	96-1	96
COMPRESSOR AIR LINES (BYY)	97-1	97

TABLE OF CONTENTS

		PAGE	ILLUS FIG
GROUP 94	KITS		
	9401-REPAIR KITS	KIT-1	
	KIT	KIT-1	KIT
GROUP 95	GENERAL USE STANDARDIZED PARTS		
	9501-BULK MATERIEL	BULK-1	
	BULK MATERIEL	BULK-1	BULK
SECTION III. SPECIAL TOOLS LIST (NOT APPLICABLE)			
SECTION IV. CROSS-REFERENCE INDEXES			
NATIONAL STOCK NUMBER INDEX		I-1	
PART NUMBER INDEX		I-8	
FIGURE AND ITEM NUMBER INDEX		I-69	

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

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 Maintenance, Intermediate Direct Support and Intermediate General Support Maintenance of the Compressor, Rotary. 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.

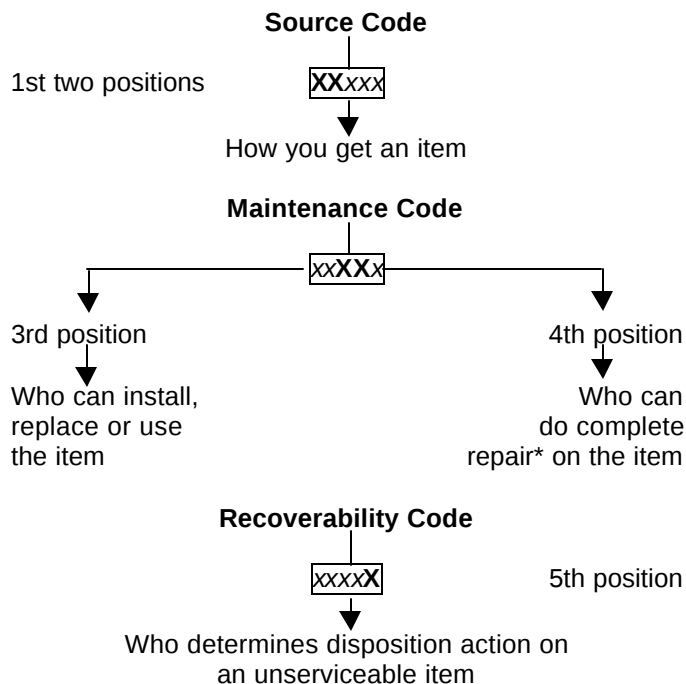
c. *Section IV. Cross-reference Index.* A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are 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. (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.

(1) *Source Code.* The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

<u>Code</u>	<u>Application/Explanation</u>
PA	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code.
PB	
PC**	
PD	
PE	
PF	
PG	**Items coded PC are subject to deterioration.
KD	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	
MO-(Made at UM/ AVUM Level)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
MF-(Made at IDS/ AVUM Level)	
MH-(Made at IGS Level)	
ML-(Made at Spe- cialized Repair Act (SRA))	
MD-(Made at Depot)	
AO-(Assembled by UM/AVUM Level)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
AF-(Assembled by IDS/AVIM Level)	
AH-(Assembled by IGS Category)	
AL-(Assembled by SRA)	
AD-(Assembled by Depot)	
XA-	Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)

XB -	If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC -	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by the manufacturer's part number.
XD -	Item is not stocked. Order an "XD"-coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE: Cannibalization or controlled exchange, when authorized, may be used as source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

(2) *Maintenance Code.* Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR Code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

<u>Code</u>	<u>Application/Explanation</u>
C -	Crew or operator maintenance done within unit maintenance or aviation unit maintenance.
O -	Unit maintenance or aviation unit category can remove, replace, and use the item.
F-	Intermediate direct support or aviation intermediate level can remove, replace, and use the item.
H-	Intermediate general support level can remove, replace, and use the item.
L-	Specialized repair activity can remove, replace, and use the item.
D-	Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions.) **(NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.)** This position will contain one of the following maintenance codes: