

TECHNICAL MANUAL

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

**CRUSHER, JAW: DIESEL AND ELECTRIC
DRIVEN, WHEEL MOUNTED, PNEUMATIC
TIRES, 75 TON PER HOUR**

NSN 3820-00-783-731 1

EAGLE CRUSHER MODELS

MODEL 5157, SERIAL NUMBERS 2050 THRU 2087

MODEL 5157A SERIAL NUMBERS 2090 THRU 2174

NSN 3820-00-880-0540

MODEL 5157B, SERIAL NUMBERS 2175 THRU 2197

**COMPONENT OF CRUSHING AND
SCREENING PLANT, DIESEL
AND ELECTRIC DRIVEN,
WHEEL MOUNTED,
75 TON PER HOUR**

This manual supersedes TM 5-3820-205-34P-2, 19 August 1985, and
TM 5-3820-205-20P-2, 19 August 1985 and all changes.

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
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**CRUSHER, JAW: DIESEL AND ELECTRIC DRIVEN,
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NSN 3820-00-783-7311**

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WHEEL MOUNTED, 75 TON PER HOUR**

Current as of 31 January 1991

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 the back of this manual, direct to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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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 ASSEMBLY	1-1	1
	ENGINE BASE	2-1	2
	ENGINE SUBFRAME, SUPPORTS AND LIFTING EYES	3-1	3
	CYLINDER HEAD ASSEMBLY	4-1	4

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TABLE OF CONTENTS (Con't)

	Page	Illus Fig
0101 - CRANKCASE, BLOCK, CYLINDER HEAD	5-1	
ENGINE BLOCK	5-1	5
0102 - CRANKSHAFT	6-1	
CRANKSHAFT ASSEMBLY	6-1	6
0103 - FLYWHEEL ASSEMBLY	7-1	
FLYWHEEL, RING GEAR AND HOUSING	7-1	7
0104 - PISTONS, CONNECTING RODS	8-1	
PISTON AND CONNECTING ROD ASSEMBLY	8-1	8
0105 - VALVES, CAMSHAFTS, AND TIMING SYSTEM	9-1	
ROCKER COVERS	9-1	9
ROCKER ARM ASSEMBLY	10-1	10
CAMSHAFT ASSEMBLY AND FOLLOWERS	11-1	11
GEAR COVER	12-1	12
0106 - ENGINE LUBRICATION SYSTEM	13-1	
CRANKCASE BREATHER.....	13-1	13
OIL BY-PASS FILTER	14-1	14
OIL COOLER, OIL FILTER, AND WATER HEADER	15-1	15
LUBRICATING OIL PUMP	16-1	16
OIL PAN, DIPSTICK, SUCTION AND DRAIN TUBES	17-1	17
0108 - MANIFOLDS	18-1	
AIR INTAKE AND EXHAUST MANIFOLDS	18-1	18
0109 - ACCESSORY DRIVING MECHANISM	19-1	
ACCESSORY DRIVE HOUSING AND PULLEY.....	19-1	19
 GROUP 02 CLUTCH		
0200 - CLUTCH ASSEMBLY	20-1	
CLUTCH ASSEMBLY	20-1	20
CLUTCH ASSEMBLY COMPONENT PARTS	21-1	21
MAIN DRIVE PULLEY	22-1	22
CLUTCH RELEASE MECHANISM	23-1	23
0202 - FUEL INJECTOR.....	24-1	
FUEL INJECTOR.....	24-1	24
FUEL LINES, ENGINE	25-1	25
PTG-VS GOVERNOR FUEL PUMP ASSEMBLY	26-1	26
PTG-VS GOVERNOR FUEL PUMP-HOUSING ASSEMBLY.....	27-1	27
 GROUP 03 FUEL SYSTEM		
0301 - CARBURETOR, FUEL INJECTOR	28-1	
PTG-VS GOVERNOR FUEL PUMP-FRONT COVER AND WEIGHT ASSEMBLY	28-1	28
PTG-VS GOVERNOR FUEL PUMP-UPPER SPRING PACK ASSEMBLY	29-1	29
PTG-VS GOVERNOR FUEL PUMP-FUEL TRANSFER PUMP AND DAMPER	30-1	30
0304 - AIR CLEANER	31-1	
AIR CLEANER ASSEMBLY	31-1	31
AIR CLEANER EXTENSION TUBE AND BRACES	32-1	32
0306 - TANKS, LINES, FITTINGS, HEADERS.....	33-1	
FUEL TANK, LINES AND FITTINGS.....	33-1	33
0309 - FUEL FILTERS	34-1	
SHUTDOWN SOLENOID VALVE	34-1	34
FUEL FILTER	35-1	35

TABLE OF CONTENTS (Con't)

		Page	Illus Fig
	0312- ACCELERATOR, THROTTLE OR CHOKE CONTROLS	36-1	
	THROTTLE CONTROL CABLE, LEVER AND BRACKETS	36-1	36
GROUP 04	EXHAUST SYSTEM		
	0401 - MUFFLER AND PIPES	37-1	
	EXHAUST SILENCER	37-1	37
GROUP 05	COOLING SYSTEM		
	0501 - RADIATOR, EVAPORATIVE COOLER, OR HEAT EXCHANGER	38-1	
	RADIATOR AND SUPPORTS	38-1	38
	0502 - FAN SHROUDS AND GUARDS	39-1	
	FAN SHROUD AND GUARDS	39-1	39
	0503 - WATER MANIFOLD, HEADERS, THERMOSTATS AND HOUSING		
	GASKET	40-1	
	COOLING SYSTEM PIPES AND HOSES	40-1	40
	THERMOSTAT HOUSING AND WATER MANIFOLDS	41-1	41
	WATER FILTER AND LINES	42-1	42
	0504 - WATER PUMP , , ,	43-1	
	WATER PUMP AND IDLER	43-1	43
	0505 - FAN ASSEMBLY	44-1	
	FAN DRIVE, MOUNT, FAN AND DRIVE BELT	44-1	44
GROUP 06	ELECTRICAL SYSTEM		
	0601 - GENERATOR, ALTERNATOR.....	45-1	
	ALTERNATOR AND BRACKETS	45-1	45
	ALTERNATOR COMPONENT PARTS	46-1	46
	0603 - STARTING MOTOR	47-1	
	STARTER RELAY AND BRACKET	47-1	47
	STARTER ASSEMBLY AND GROUND STRAPS	48-1	48
	STARTER CO MONENT PARTS	49-1	49
	0606 - ENGINE SAFETY CONTROLS	50-1	
	COOLANT TEMPERATURE AND OIL PRESSURE SWITCH	50-1	50
	0607 - INSTRUMENT OR ENGINE CONTROL PANEL	51-1	
	INSTRUMENT PANE' HOUSING, CIRCUIT BOARD AND BRACKETS .	51-1	51
	INSTRUMENT PANEL, GAGES AND HARNESS	52-1	52
	0608 - MISCELLANEOUS ITEMS	53-1	
	GROUND WIRE AND ROD ASSEMBLY	53-1	53
	0609- LIGHTS	54-1	
	CLEARANCE MARKER LIGHT AND RELATED PARTS	54-1	54
	STOPLIGHT AND TAILLIGHT	55-1	55
	0612 - BATTERIES, STORAGE	57-1	
	BATTERY, BOX AND CABLES	57-1	57
	0613 - HULL OR CHASSIS WIRING HARNESS	58-1	
	TRAILER RECEPTACLE AND WIRING HARNESS	58-1	58
	ENGINE WIRING HARNESS.....	59-1	59
GROUP 10	FRONT AXLE		
	1000 - FRONT AXLE ASSEMBLY	60-1	
	DOLLY AXLE ASSEMBLY	60-1	60

TABLE OF CONTENTS (Con't)

	Page	Illus Fig
GROUP 11		
REAR AXLE ASSEMBLY		
1100 - REAR AXLE ASSEMBLY	61-1	
BOGIE ASSEMBLY	61-1	61
TRAILER REAR AXLE ASSEMBLY	62-1	62
1108 - WALKING BEAMS, STUB AXLES AND PARTS	63-1	
WALKING BEAM AND TRUNNION SHAFT	63-1	63
GROUP 12		
BRAKES		
1202 - SERVICE BRAKES	64-1	
SERVICE BRAKES	64-1	64
1206 - BRAKE SLACK ADJUSTER	65-1	
BRAKE SLACK ADJUSTER	65-1	65
1208 - AIRBRAKE SYSTEM	66-1	
AIR FILTER	66-1	66
AIRBRAKE CHAMBER (MODEL 5157)	67-1	67
AIRBRAKE CHAMBER (MODELS 5157A AND 5157B)	68-1	68
EMERGENCY RELAY VALVE (MODEL 5157)	69-1	69
EMERGENCY RELAY VALVE (MODELS 5157A AND 5157B)	70-1	70
AIRBRAKE LINES AND FITTINGS	71-1	71
GROUP 13		
WHEELS AND TRACKS		
1311 - WHEEL ASSEMBLY	72-1	
FRONT HUBS AND BEARINGS (MODELS 5157 AND 5157A)	72-1	72
DRUMS AND HUBS (MODELS 5157 AND 5157A)	73-1	73
DRUMS, HUBS, WHEELS, AND RELATED PARTS (MODEL 5157B)	74-1	74
1313 - TIRES, TUBES, TIRE CHAINS	75-1	
TIRES AND TUBES	75-1	75
GROUP 15		
FRAME, TOWING ATTACHMENTS, DRAWBARS AND ARTICULATION SYSTEMS		
1501 - FRAME ASSEMBLY	76-1	
MAIN FRAME	76-1	76
LOWER PLATFORM AND LADDER	77-1	77
UPPER PLATFORM SUPPORTS (MODEL 5157B)	78-1	78
UPPER PLATFORM	79-1	79
UPPER PLATFORM SUPPORTS AND LADDER	80-1	80
ENGINE SERVICE PLATFORM	81-1	81
1503 - PINTLES AND TOWING ATTACHMENTS	82-1	
PINTLE HOOK AND BRACKET	82-1	82
PINTLE ASSEMBLY (MODELS 5157 AND 5157A)	83-1	83
PINTLE AND RELATED PARTS (MODEL 5157B)	84-1	84
DRAWBAR AND COMPONENTS	85-1	85
1506 - FIFTH WHEEL	86-1	
FIFTH WHEEL AND COMPONENTS	86-1	86
FIFTH WHEEL BASE AND SUPPORTS	87-1	87
1507 - LANDING GEAR, LEVELING JACKS	87-1	
JACK PEDESTAL	88-1	88
DOLLY JACK (MODEL 5157A)	89-1	89
FRAME JACK	90-1	90

TABLE OF CONTENTS (Con't)

		Page	Illus Fig
GROUP 18	BODY, CAB, HOOD, AND HULL		
1801-	BODY, CAB, HOOD, AND HULL ASSEMBLIES	91-1	
	ENGINE ENCLOSURE	91-1	91
1808-	STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, CABLE REELS, HOSE REELS, ETC.	92-1	
	TOOLBOX	92-1	92
	CABLE REEL CRANK	93-1	93
	CABLE REEL AND BEARINGS	94-1	94
	CABLE REEL FRAME	95-1	95
GROUP 22	BODY, CHASSIS, AND HULL ACCESSORY ITEMS		
2202-	ACCESSORY ITEMS	96-1	
	REFLECTOR AND CHOCK BLOCK	96-1	96
GROUP 24	HYDRAULIC AND FLUID SYSTEMS		
2401-	PUMP AND MOTOR	97-1	
	HYDRAULIC PUMP	97-1	97
2405-	MAST COLUMN	98-1	
	HYDRAULIC CYLINDER	98-1	98
	HYDRAULIC CYLINDER COMPONENT PARTS	99-1	99
2406-	STRAINERS, FILTERS, LINES AND FITTINGS, ETC.	100-1	
	HYDRAULIC HOSE ..	100-1	100
2408-	LIQUID TANKS OR RESERVOIRS	101-1	
	OIL RESERVOIR	101-1	101
GROUP 40	ELECTRIC MOTORS AND GENERATORS		
4000-	MAJOR ASSEMBLAGE	102-1	
	MOTOR AND RELATED PARTS	102-1	102
4007-	DRIVE COMPONENTS	103-1	
	FEEDER DRIVE COMPONENTS	103-1	103
4009-	CONTROL PANELS, HOUSING, CUBICLES	104-1	
	MAIN CONTROL PANEL	104-1	104
	CONTROLS AND MAGNETIC STARTER	105-1	105
4010-	MASTER OR AUXILIARY CONTROL ASSEMBLY	106-1	
	MAGNETIC STARTER COMPONENT PARTS	106-1	106
4011-	CIRCUIT BREAKERS, CUTOUPS, FUSE AND FUSEHOLDERS	107-1	
	MAIN CIRCUIT BREAKER	107-1	107
	CIRCUIT BREAKER AND INSULATION	108-1	108
4018-	TERMINAL BLOCKS, JUNCTION BOXES	109-1	
	POWER CABLES AND BUS BARS	109-1	109
	OPERATOR AND MAIN DISTRIBUTION ENCLOSURE	110-1	110
	MAIN PANEL WIRING AND TERMINAL BOARD	111-1	111
	CONTROL PANEL TO FEEDER WIRING	112-1	112
GROUP 47	GAGES (NONELECTRICAL), WEIGHING AND MEASURING DEVICES		
4702-	GAGES, MOUNTINGS, LINES AND FITTINGS	113-1	
	FUEL LEVEL INDICATOR	113-1	113

TABLE OF CONTENTS (Con't)

	Page	Illus Fig
GROUP 75	CONVEYING, FEEDING AND CRUSHING, SCREENING AND WASHING EQUIPMENT COMPONENTS	
7501 - BELTING CHAIN.....	114-1	
CONVEYOR TAIL SECTION	114-1	114
HEAD AND CENTER CONVEYOR FRAMES	115-1	115
CONVEYOR BRACE AND SADDLE.....	116-1	116
MAIN DRIVE GUARD AND BELT.....	117-1	117
CONVEYOR HEAD SCRAPER	118-1	118
SCRAPER ASSEMBLY.....	119-1	119
CONVEYOR HOPPER.....	120-1	120
7503 - DRUMS, PULLEYS, SPROCKETS	121-1	
CONVEYOR HEAD PULLEY, SHAFT AND BEARINGS	121-1	121
CONVEYOR DRIVE COMPONENTS AND RELATED PARTS	122-1	122
CONVEYOR TAIL SECTION SHAFT AND RELATED PARTS	123-1	123
7504 - ROLLS.....	124-1	
RETURN ROLL	124-1	124
IMPACT ROLL	125-1	125
TROUGHING ROLLS..	126-1	126
7510- FEEDER FRAMES.....	127-1	
FEEDER SUPPORT	127-1	127
FEEDER FRAME AND COMPONENTS	128-1	128
FEEDER HOPPER AND BRACE	129-1	129
7512 - FEEDING SHAFTS	130-1	
GEAR REDUCER	130-1	130
FEEDER DRIVE GEARS.....	131-1	131
GEAR REDUCER AND RELATED PARTS.....	132-1	132
FEEDER SHAFT AND SPROCKETS	133-1	133
7515 - PAN FEEDER.....	134-1	
FEEDER APRON ASSEMBLY.....	134-1	134
7520 - CRUSHER FRAMES	135-1	
CRUSHER TENSION ROD AND SPRINGS.....	135-1	135
CRUSHER ASSEMBLY.....	136-1	136
7521 - CRUSHING JAWS, BASE AND PITMAN	137-1	
MOVABLE JAW AND PITMAN.....	137-1	137
ADJUSTING GEARBOX AND RATCHET.....	138-1	138
7523 - SHAFTS.....	139-1	
ECCENTRIC SHAFT AND BALANCE WHEELS	139-1	139
DIVERTER BOX AND CHUTE.....	140-1	140
HOPPERS AND LINERS	141-1	141
UNDER HOPPERS AND LINERS (MODEL 5157B).....	142-1	142
VIBRATING SCREEN SIDE PLATE AND SUPPORT.....	143-1	143
7528 - SCREENS AND ATTACHING PARTS	144-1	
VIBRATING SCREEN AND MOUNTING.....	144-1	144
VIBRATING SCREEN LINERS AND BARS.....	145-1	145
7529 - ECCENTRIC OR GYRATOR SHAFT	146-1	
VIBRATING SCREEN DRIVE COMPONENTS	146-1	146
VIBRATING MECHANISM	147-1	147
GROUP 94	REPAIR KITS	
9401 - REPAIR KITS	KIT-1	
REPAIR KITS	KIT-1	

TABLE OF CONTENTS (Con't)

	Page	Illus Fig
GROUP 95		
GENERAL USE STANDARDIZED PARTS		
9501 - BULK MATERIEL	BULK-1	
BULK MATERIEL	BULK-1	
SECTION III. SPECIAL TOOLS LIST (NOT APPLICABLE)		
SECTION IV. CROSS-REFERENCE INDEXES		
NATIONAL STOCK NUMBER INDEX	I-1	
PART NUMBER INDEX	I-20	
FIGURE AND ITEM NUMBER INDEX	I-76	

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT 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 Maintenance, Direct Support and General Support Maintenance of the Jaw Crusher. 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 1. 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 i. Repair parts for repairable special tools are also listed in the section. Items listed are shown on the associated illustration (s) /figure (s).

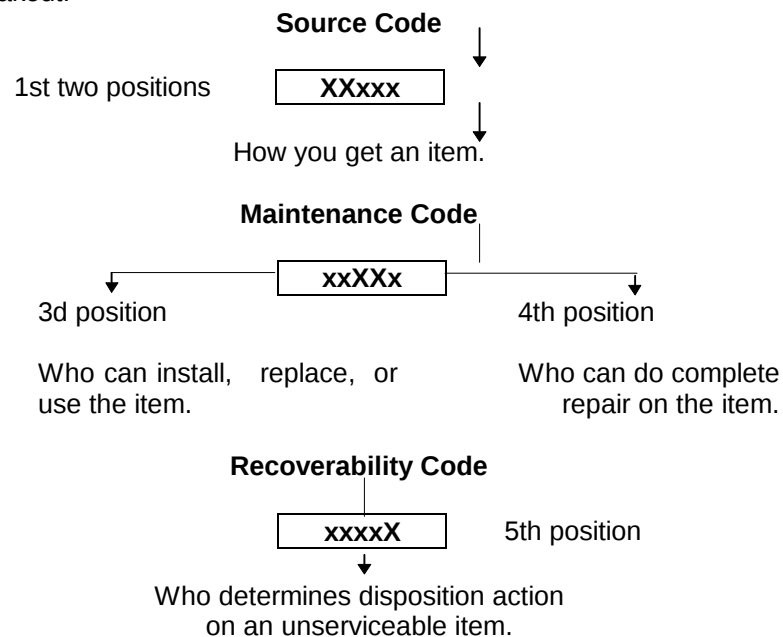
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-reference 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 11 and 111).

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	Items with these codes are not to be 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.
PF	
PG	
KD	
KF	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 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. 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.
KB	
MO-(Made at UM/AVUM Level)	
MF-(Made at DS/AVUM Level)	
MH-(Made at GS Level)	Do not requisition an "XA"-coded item. Order its next higher assembly. (Also refer to the NOTE following.)
ML-(Made at Specialized Repair Activity (SRA))	
MD-(Made at Depot)	
XA -	If an "XB" item is not available from salvage, order it using the CAGE and part number given. Installation drawing, diagram, instruction sheet, field service drawing, that is identified by the manufacturer's part number.
XB -	
XC -	
XD -	
	Item is not stocked. Order an coded item through normal supply channels using the CAGE and part number given, if no NSN is available.

NOTE: Cannibalization or controlled exchange, when authorized, may be used as a 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 -	Direct support or aviation intermediate level can remove, replace, and use the item.
H -	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:

<u>Code</u>	<u>Application/Explanation</u>
O -	Unit maintenance or aviation unit is the lowest level that can do complete repair of the item.