

TECHNICAL MANUAL

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

**LOCOMOTIVE, DIESEL-ELECTRIC,
56-1/2-INCH GAGE, 60-TON, 500 HP,
0-4-4-0 WHEEL,
MODEL RS-4-TC-1A
NSN 2210-01-158-2978**

Approved for public release; distribution is unlimited

**HEADQUARTERS, DEPARTMENT OF THE ARMY
10 APRIL 1990**

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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 10 April 1990

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Repair Parts and Special Tools List
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Current as of 17 January 1990.

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REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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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 60 Ton Diesel-Electric Locomotive.

2. General.

In addition to Section I, Introduction, this Repair Parts and Special Tools List contains Section II, Repair Parts List. It is 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 name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

3. Explanation of Columns (Section II).

- a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.
- b. FSCM (Column (2)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- c. Part Number (Column (3)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

- d. Description and Usable on Code (UOC) (Column (4)). This column includes the following information:
 - (1) The Federal item name and, when required, a minimum description to identify the item.
 - (2) The physical security classification of the item is indicated by the parenthetical entry. (Insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C) - Confidential, Phy Sec C1 (S) - Secret, Phy Sec C1 (T) - Top Secret).
 - (3) Items that are included in kits and sets are listed below the name of the kit or set.
 - (4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.
 - (5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.

- (5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).
- (7) The usable on code, when applicable.
- (8) The statement "End of Figure" appears just below the last item description in Column 4 for a given figure in Section II.

e. Qty (Column (5)). The Qty (quantity per figure column) indicates the quantity of the item used in the break-out shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in the column in lieu of a quantity indicates that the quantity is variable and may vary from application to application.

4. How to Locate Repair Parts.

When National Stock Number or Part Number is Not Known.

- (1) Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.
- (2) Find the figure covering the assembly group or subassembly group to which the item belongs.
- (3) Identify the items on the figure and note the item number.
- (4) Refer to the Repair Parts List for the figure to find the part number.
- (5) After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

5. Abbreviations.

<u>Abbreviations</u>	<u>Explanation</u>	<u>Abbreviations</u>	<u>Explanation</u>
AC	Alternating Current	IN	Inch
ASSY	Assembly	LS	Left Side
CNTFGL	Centrifugal	L	Long
CB	Circuit Breaker	PWR	Power
COND	Condenser	PRESS	Pressure
CONN	Connection	RCPT	Receptacle
CONN	Connector	RS	Right Side
CSKH	Countersunk Head	SW	Switch
ELEC	Electrical	W	Wide
HTR	Heater	W/	With (Comb Form)
HP	High Pressure		