

**TECHNICAL MANUAL**

**ORGANIZATIONAL, DIRECT SUPPORT, AND  
GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST**

**COMPRESSOR, AIR, RECIPROCATING:  
ELECTRIC MOTOR DRIVEN,  
RECEIVER MOUNTED, 5 CFM AT 175 PSI  
CHAMPION PNEUMATIC MACHINERY  
COMPANY  
MODEL NO. HR2-6M-2  
NSN 4310-00-054-6647**

Approved for public release; distribution is unlimited.

\*This manual supersedes TM 5-4310-358-24P, 14 December 1979

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
24 AUGUST 1989**

TECHNICAL MANUAL

No. 5-4310-358-24P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 24 August 1989**Organizational, Direct Support, and General Support Maintenance  
Repair Parts and Special Tools List**

for

**COMPRESSOR, AIR RECIPROCATING: ELECTRIC MOTOR DRIVEN,  
RECEIVER MOUNTED, 5 CFM AT 175 PSI  
CHAMPION PNEUMATIC MACHINERY COMPANY  
MODEL NO. HR2-6M-2  
NSN 4310-00-054-6647**

Current as of May 10, 1989

**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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**TABLE OF CONTENTS**

|                                                  | Page | Illust/<br>Figure |
|--------------------------------------------------|------|-------------------|
| Section I. Introduction.....                     | 1    |                   |
| Section II. Repair Parts List                    |      |                   |
| Group 01 Belt Guard Assembly .....               | 1-1  | 1                 |
| Group 02 Electric Motor.....                     | 2-1  | 2                 |
| Switch Assembly, Pressure .....                  | 3-1  | 3                 |
| Starter Assembly .....                           | 4-1  | 4                 |
| Group 03 Air Compressor Assembly.....            | 5-1  | 5                 |
| Crankcase.....                                   | 6-1  | 6                 |
| Valve Assembly .....                             | 7-1  | 7                 |
| Group 04 Air Receiver Tank and Parts .....       | 8-1  | 8                 |
| Check Valve .....                                | 9-1  | 9                 |
| Section III. Special Tools List (Not Applicable) |      |                   |
| Section IV. Cross Reference Index .....          | I-1  |                   |
| National Stock Number Index .....                | I-1  |                   |
| Part Number Index.....                           | I-2  |                   |
| Figure and Item Number Index .....               | I-7  |                   |

\* This manual supersedes TM 5-4310-358-24P, 14 December 1979

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**Organizational, Direct Support, and General Support  
Maintenance Repair Parts and Special Tools List**

**COMPRESSOR, AIR, RECIPROCATING: ELECTRIC MOTOR DRIVEN,  
RECEIVER MOUNTED, 5 CFM AT 175 PSI  
CHAMPION PNEUMATIC MACHINERY COMPANY  
MODEL NO. HR2-6M-2 NSN 4310-00-054-6647**

## 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 organizational, direct support, and general support maintenance of the Air Compressor. 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 this section, 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 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).

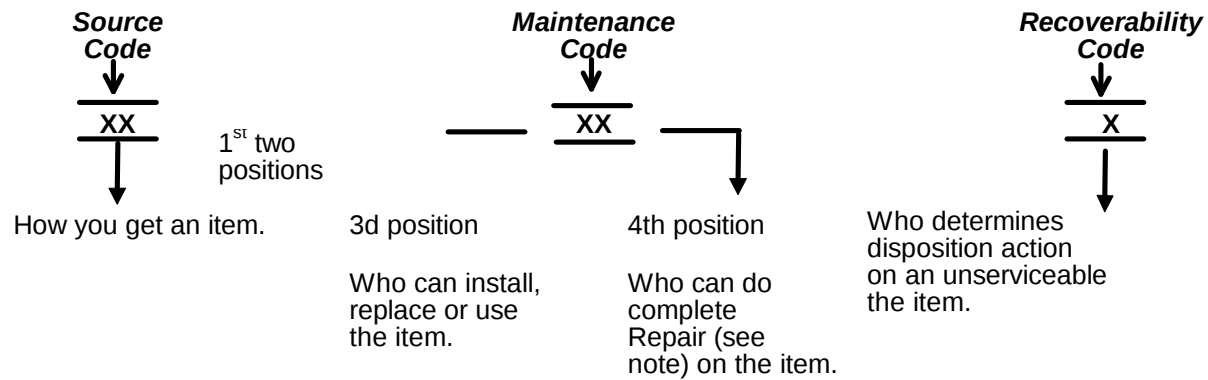
**b. Section III. Special Tools List.** A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

**c. Section IV. Cross-references 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 number in alphanumeric sequence and cross-references NSN, FSCM and part number.

## 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) 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:

| Source Code                                                                                                                                                      | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PA<br>PB<br>PC**<br>PD<br>PE<br>PF<br>PG                                                                                                                         | 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 3rd position of the SMR code.<br><br>**NOTE: Items coded PC are subject to deterioration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| KD<br>KF<br>KB                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MO- (Made at org. AVUM Level)<br>MF- (Made at DS/AVUM Level)<br>MH- (Made at GS Level)<br>ML- (Made at Specialized Repair Activity (SRA))<br>MD- (Made at Depot) | Items with these codes are not to be requested/requisitioned individually. They re part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.<br><br>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 3rd 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. |