*TM 5-4310-363-24P

TECHNICAL MANUAL

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

COMPRESSOR, RECIPROCATING: AIR: 15 CFM, 175 PSI, TANK MOUNTED, GED (BAUER MODEL KAB-545-15) NSN 4310-01-069-6935

Approved for public release; distribution is unlimited.

* **This manual supersedes TM** 5-431 0-363-24P, 3 July 1980.

HEADQUARTERS, DEPARTMENT OF THE ARMY
28 AUGUST 1989

TECHNICAL MANUAL

No.5-4310-363-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 28 August 1989

Organizational, Direct Support and General Support Maintenance and Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools List) for COMPRESSOR, RECIPROCATING: AIR: 15 CFM, 175 PSI, TANK MOUNTED, GED (BAUER MODEL KAB-545-15) (NSN 4310-01 -069-6935)

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 finished directly to you.

Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

		Page	lllust/ Figure
Section I.	Introduction	1	
Section II.	Repair Parts List		
Group 01	Engine and Related Parts	1-1	1
Group 02	Fuel Tank and Related Parts,	2-1	2
Group 03	Air Tank, Tool Box, Frame and Related Parts	3-1	3
Group 04	Belt, Belt Guard, Pulley and Stub Shaft	4-1	4
Group 05	Compressor Assembly		
	Tube Assemblies	5-1	5
	Intake and Exhaust Valves	6-1	6
	Head Unloaders and Pilot Valve	7-1	7
	Air Cleaner	8-1	8
	Pistons, Connecting Rods and Cylinder Block	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 5-4310-363-24P, 3 July 1980.

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

COMPRESSOR, RECIPROCATING: AIR:
15 CFM, 175 PSI, TANK MOUNTED, GED
(BAUER MODEL KAB-545-15)
NSN 4310-01-069-6935

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, general support and depot maintenance of the Compressor, Reciprocating Air Section. 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 additional 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) .

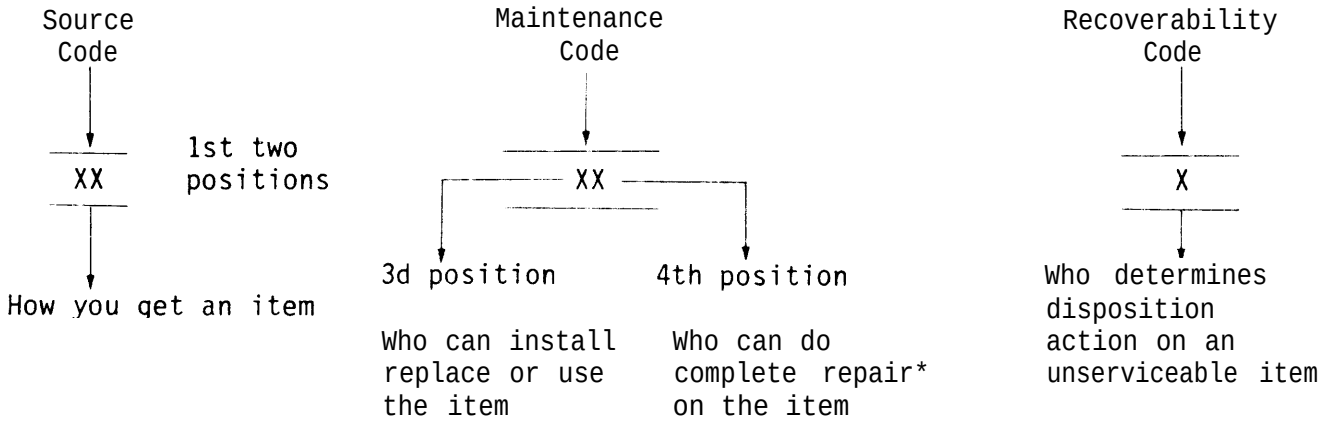
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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 (l)). 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:

Code	Explanation
PA PB PC** PD PE PF 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 3d position of the SMR code. **NOTE : Items coded PC are subject to deterioration.
KD KF KB	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.

	Explanation
MO--(Made at org. AVUM Level MF--(Made at DS/ AVUM Level MH--(Made at GS Level) ML--Made at Specialized Repair Activity (SRA)) MD--(Made at Depot)	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.

	Explanation
AO--(Assembled by org/AVUM Level) AF--(Assembled by DS/AVIM Level) AH--(Assembled by GS Category) AL--(Assembled by SRA) AD--(Assembled by Depot)	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 items are assembled at a higher level, order the item from the higher level of maintenance.

Code	Explanation
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 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 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 750-1.

(2) Maintenance Code. Maintenance codes tells 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.

Code	Application/Explanation
C	--Crew or operator maintenance done within organizational or aviation unit maintenance.
O	--Organizational 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.