

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

FIELD AND DEPOT MAINTENANCE MANUAL
SHOP EQUIPMENT, CONTACT MAINTENANCE, TRUCK
MOUNTED, SET NUMBER 3 (SOUTHWEST MODEL SECM)
SERIAL NO. S-3-628 THROUGH S-3-730 AND
(DAVEY MODEL CMU-5) SERIAL NO. 33343
THROUGH 33343-234
FSN 4940-294-9518

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FIELD AND DEPOT MAINTENANCE EQUIPMENT

SHOP EQUIPMENT, CONTACT MAINTENANCE, TRUCK MOUNTED, SET NUMBER 3

(SOUTHWEST MODEL SECM) SERIAL NO. S-3-628 THROUGH S-3-720 AND

(DAVEY MODEL CMU-5) SERIAL NO. 33343 THROUGH 33343-234

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* This manual supersedes TM 5-4940-200-35, 19 December 1961.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. These instructions are published for the use of the field and depot maintenance personnel maintaining the Southwest Truck Body Company, Model SECM, and Davey Compressor Company, Model CMU-5, Truck Mounted Shop Equipment Set Number 3. They provide information on the maintenance of the equipment which is beyond the scope of the tools, equipment, personnel, or supplies normally available to using organizations.

b. Appendix I contains a list of publications applicable to this manual. The maintenance allocation chart is located in the operator and organizational maintenance manual TM 54940-200-12. Field and depot maintenance repair parts are listed in TM 5-4940-200-35P.

c. Numbers in parentheses on illustrations indicate quantity. Numbers preceding nomenclature callouts on illustrations indicate the preferred maintenance sequence.

d. The direct reporting by the individual user of errors, omissions, and recommendations for improving this manual is authorized and encouraged. DA Form

2628 Recommended Changes to DA Technical Manual Parts Lists or Supply Manual 7, 8, or 9) will be used for reporting these improvements. This form will be completed in triplicate using pencil, pen, or typewriter. The original and one copy will be forwarded direct to the Commanding Officer, U. S. Army Mobility Support Center, ATTN: SMOMS-MM, P. O. Box 119, Columbus, Ohio 43216. One information copy will be provided to the individual's immediate supervisor (e.g., officer, noncommissioned officer, supervisor, etc.).

e. Report all equipment improvement recommendations as prescribed by TM 38-750.

2. Record and Report Forms

For record and report forms applicable to field and depot maintenance, refer to TM 38750.

Note

Applicable forms, excluding Standard Form 46, (United States Government Motor Vehicle Operator's Identification Card), which is carried by the operator, will be kept in a canvas bag mounted on the equipment.

Section II. DESCRIPTION AND DATA

3. Description

A general description of the shop set, the location and description of the identification plates, and information on the difference in models are contained in TM 5-4940-200-12. A more detailed description of the components is contained in TM 5-4940-200-12. The repair and maintenance instructions are described in appropriate sections of this manual.

4. Tabulated Data

a. Motor-Generator Classification and Rating.

Rating	7.5 kw (kilowatt)
Voltage	208 v (volts)
Amperes	38 amp (amperes)
Phase	3
Frequency.....	50/60 cycles
Cooling	Fan
Lubrication.....	Sealed bearings