

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL

MAINTENANCE MANUAL

SHOP EQUIPMENT, ORGANIZATIONAL REPAIR

TRUCK MOUNTED

(SOUTHWEST TRUCK BODY MODEL SEORL)

FSN 4940-169-3041

(SOUTHWEST TRUCK BODY MODEL SEORLT)

FSN 4940-164-4719

HEADQUARTERS, DEPARTMENT OF THE ARMY

08 DECEMBER 1971

TECHNICAL MANUAL }
 No. 5-4940-225-12 }

HEADQUARTERS,
 DEPARTMENT OF THE ARMY
 WASHINGTON, D. C., 8 December 1971

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. scope

These instructions are published for the use of the personnel to whom the Southwest Model SEORL Shop Set, Serial Number Range S-2-864 thru S-2-866 and Model SEORLT Shop Set, Serial Number Range S-12-001 thru S-12-048 is issued. The Organizational Maintenance Repair Parts and Special Tools List will be contained in TM 5-4940-225-20P.

1-2. Maintenance Forms and Records

a. DA Forms and records used for equipment maintenance will be only those prescribed in TM 38-750.

b. See TM 740-90-1 for administrative storage of the shop truck.

c. See TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use (Mobility Equipment Command) for destruction of the shop truck.

1-3. Reporting of Errors

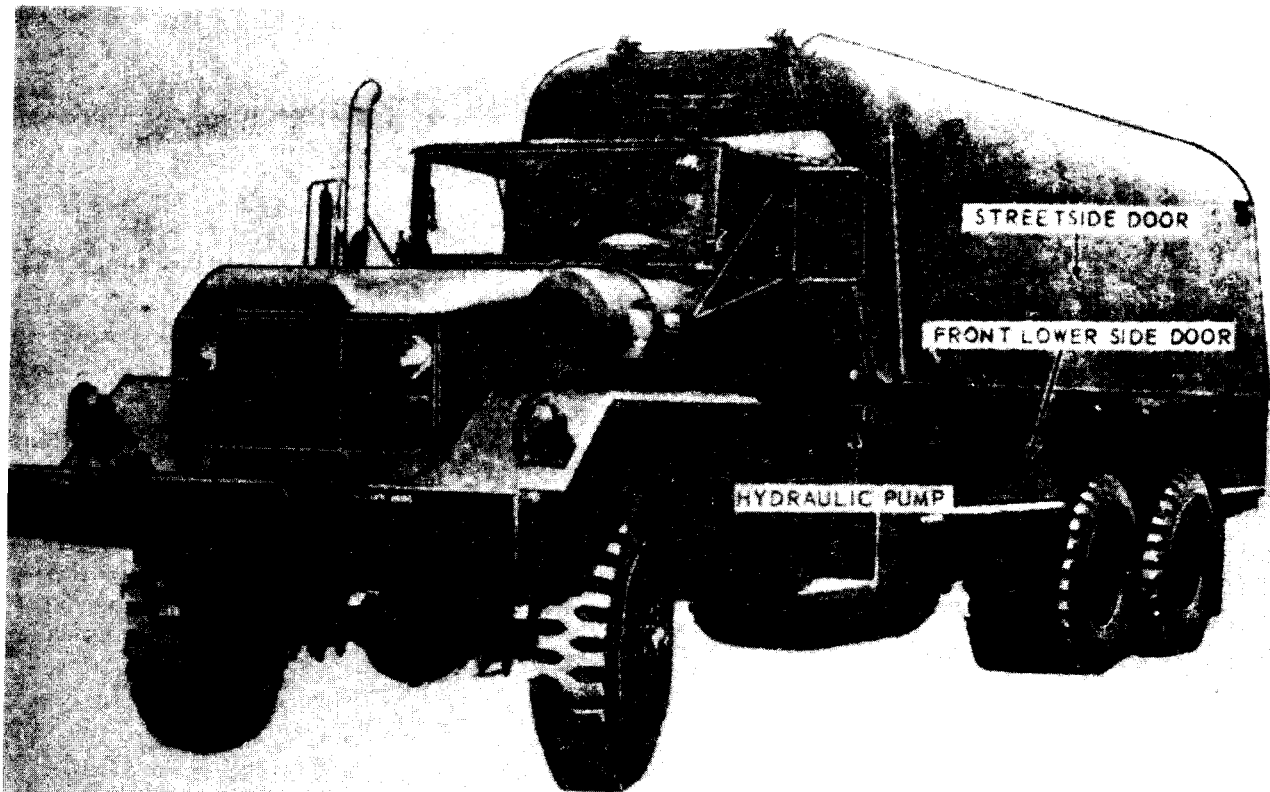
Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 Recommended, Changes to Publications, and forwarded direct to Commanding General, U. S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

Section II. DESCRIPTION AND DATA

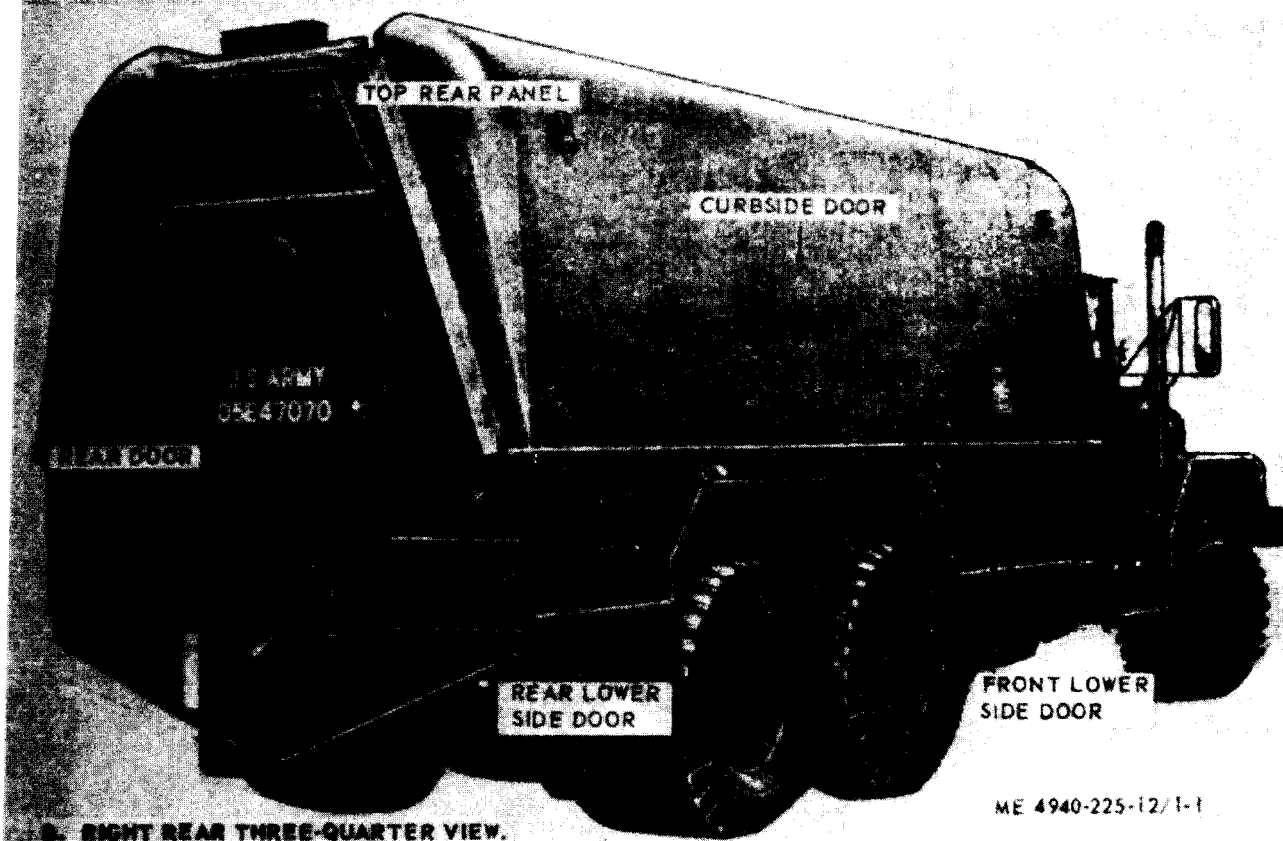
1-4. Description

The Southwest Model SEORL and Model SEORLT Shop Sets (fig. 1-1) are truck mounted and contain tools and equipment that are used for maintenance and repair of equipment. The shop set is equipped with door's to provide easy access to the equipment in the set (fig. 1-2). A weather protected work area is provided when the tent is installed (fig. 1-3). A dynamotor-welder is installed in the shop set, and can be driven by the truck's engine through

the power take-off (P. T. O.) or by a 240-volt AC external power source. When driven by the engine, it provides direct current for welding and alternating current for the shop set tools and equipment. When driven by an external power source, the alternating current generator acts as a synchronous motor and drives the dynamotor-welder to provide direct current for welding. The external power is also utilized to operate the electrical tools and equipment.



A. LEFT FRONT THREE-QUARTER VIEW.



ME 4940-225-12/1-1

B. RIGHT REAR THREE-QUARTER VIEW.

Figure 1-1. Shop set, doors closed.