

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**SHOP EQUIPMENT, FUEL AND ELECTRICAL SHOP,
ORGANIZATIONAL MAINTENANCE
(NSN 4940-00-209-6228)
INSTALLATION IN ONE 280 MAINTENANCE SHELTER
(NSN 4940-00-919-8409)**

AND

**ONE ISO-2-1 MAINTENANCE SHELTER
(NSN 5411-01-124-1377)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

SEPTEMBER 1984

TECHNICAL BULLETIN)
)
No. 9-4940-314-30*)

HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 6 September 1984

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You can help improve this bulletin. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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*This bulletin supersedes TB 9-4940-314-30, dated 5 February 1968.

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Section I. INTRODUCTION

1. General

a. The instructions contained in this bulletin are in three sections. Section I contains the introduction, warnings, and cautions, and general instructions. Section II is a guide for installation of organizational fuel and electrical shop shop equipment (NSN 4940-00-209-6228) in one 280 shelter unit 1 (NSN 4940-00-919-8409) (fig. 1). Section III is a guide for installation of organizational fuel and electrical shop shop equipment (NSN 4940-00-209- 6228) in one ISO-2-1 shelter, unit 2 (NSN 5411-01-124-1377) (fig.13).

b. Slight variations to the installation instructions may be made at the discretion of the officer in charge.

c. Complete lists of items contained in these shops are found in SC 4940-95-CL-A53.

d. Personnel performing this installation should have practical knowledge of electricity.

e. Items not mentioned in this bulletin, that may be components of this bulletin, that may be components of this shop, may be stowed in storage cabinets and drawers or secured in such a manner as to avoid damage in transit.

f. All dimensions, fastener sizes, and hardware sizes are in inches.

g. When entering either shelter through the one-man door, curbside is at right and roadside is at left.

h.

2. Warnings and Cautions

WARNING

All electricity powered tools and equipment must be grounded prior to use.

CAUTION

Special care should be exercised during installation to avoid damage to electrical connectors, wiring, or electrical equipment.

To preserve its waterproof characteristics, precautions should be taken not to puncture the outer skin when drilling holes into floors and walls of shelter.

The ISO-2-1 shelter must be level prior to expanding the side. The expanded portion of the ISO-2-1 shelter must be level to allow wall, rood, and floor locks to engage. No equipment shall be moved onto the expanded floor until ISO-2-1 shelter is level.

3. Location of Equipment

a. Location of equipment to be installed or stowed in the 280 shelter is referenced in figures 2 thru 12.

(1) refer to table 1 for hardware required for installation.

(2) refer to table 3 for components to be mounted.

(3) Refer to table 5 for components to be fabricated.

a. Location of equipment installed or stowed in ISO-2-1 shelter is referenced in figures 14 thru 20.

(1) Refer to table 2 for hardware required for installation.

(2) Refer to table 4 for components to be mounted.