

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

SHOP EQUIPMENT, AUTOMOTIVE MAINTENANCE AND REPAIR,

FIELD MAINTENANCE

(NSN 4910-00-754-0706)

INSTALLATION IN ONE M109A3 SHOP VAN TRUCK,

ONE M35A2 CARGO TRUCK,

AND

TWO M105A2 CARGO TRAILERS

HEADQUARTERS, DEPARTMENT OF THE ARMY

TECHNICAL BULLETIN

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*This bulletin supersedes TB ORD 444-9, dated 21 November, 1961, w/changes.

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1. General

a. The instructions contained in this bulletin are to be used as advice and guidance for installation of field maintenance automotive maintenance and repair shop equipment (NSN 4910-00-754-0706) in one M109A3 shop van truck, unit one; one M35A2 cargo truck, unit two; and two M105A2 cargo trailers, units three and four.

b. Slight variations to the installation instructions may be made in accordance with FM 55-30 at the discretion of the officer in charge.

c. Complete lists of items contained in this shop are found in SC 4910-95-CL-A62.

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

e. Items not mentioned in this bulletin, that may be components of this shop, may be stowed in 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 shop, curbside is at right and roadside is at left.

2. Warnings and Cautions

WARNING

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

CAUTION

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

To preserve waterproof characteristics, precautions should be taken not to puncture the outer skin when drilling holes in the walls or floor of the shop. Coat underside of vehicle body with coating compound (UNDER-COATING TT-C-520, NSN 8030-00-221-1834) where mounting hardware projects through floor.

3. Location of Equipment

a. Locations of equipment to be installed or stowed in units 1 thru 4 are referenced in figures 1 thru 18.

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

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

(3) Refer to table 3 for electrical components to be mounted.

b. Refer to table 4 for standard conversion chart.