

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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DATED 28 OCTOBER 1963
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SHOP EQUIPMENT, WELDING

FIELD MAINTENANCE

(NSN 3470-00-357-7268)

INSTALLATION IN ONE M35A2 CARGO TRUCK

AND

ONE M105A2 CARGO TRAILER

TECHNICAL BULLETIN)
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HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, DC,
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*This bulletin supersedes TB 9-3431-202-30/1, dated 28 October 1963.

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1. General

a. Instructions contained in this bulletin are to be used as a guide for installation of welding field maintenance shop equipment (NSN 3470-00-357-7268) in one M35A2 cargo truck, unit 1 (fig. 1), and one M105A2 cargo trailer, unit 2 (fig. 2).

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

c. Complete lists of items contained in this shop are found in SC 3470-95-CL-A08 .

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.

Extinguish all smoking materials and do not permit open flame or sparks in the vicinity of flammable gases or liquids.

WARNING

Drill bits can fracture or break during use. Wear safety glasses at all times when drilling holes.

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 into the walls or floor of the shop . Coat underside of vehicle body with coating compound (UNDERCOATING TT-C-520, NSN 8030-00-221-1834) where mounting hardware projects through floor.

3. Location of Equipment

a. Locations of equipment installed or stowed in units 1 and 2 are shown in figures 1 thru 13.

(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.

Table 1. Mounting Hardware

MS/part no.	Size and description	Qty	Application
AN970-5	5/16-in. Flat Washer	3	Pipe vise
AN970-8	1/2-in. Flat Washer	4	Machinist's vise
MS3367-3-0	12.00-in. Tiedown Strap	28	Power cable assemblies