

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

SHOP SET, FIELD MAINTENANCE SPARE PARTS

STORAGE, SET NO. 1 (4940-322-6016):

AND

SHOP SET, FIELD MAINTENANCE SPARE PARTS

STORAGE, SET NO. 2 (4940-322-6017):

INSTALLATION IN THREE SEMITRAILER

CARGO VANS, M128A1

Headquarters, Department of the Army, Washington, D.C.

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1. General. *a.* The instructions contained in this bulletin are to be used as a guide for the installation of four shop sets, field maintenance storage, Set No. 1 (4940-322-6016) and two Set No. 2 (4940-322-6017), in three semi-trailer cargo vans, M128A1.

b. These instructions can be followed as prescribed, in most instances. However, installation of equipment in vehicles of different manufacturers may require minor changes.

c. A complete list of items contained in this shop is included in SC 4940-95-CL-A09, and SC 4940-95-CL-A10.

d. Precautions should be observed when drilling holes through the body of the van to insure that waterproof characteristics are retained. All hardware extending through the floor or sides of the van should have the outer parts covered by an undercoating compound similar to that used to coat the underside of vehicles, or other suitable preservatives.

e. Items not mentioned in this bulletin that are components of this shop) may be stowed in cabinets or secured in convenient places in such a manner as to avoid damage in transit.

Caution: When mounting the equipment, do not drill holes through cross members or into the frame of the vehicle. If necessary, move the item to be mounted slightly so the drilled holes will avoid these structures.

2. Installation of Shop Equipment. *a.* Items to be mounted in the vans are listed in table I. The hardware required for installing the equipment is listed in table II. Hardware will be drawn from local stock or requisitioned from the managing activity having supply responsibility.

b. The floor plan of the van bodies with each item in its designated place is shown in figures 1 and 2.

c. The combined shop sets listed in table 1 will be loaded as follows:

(1) One semitrailer van will be loaded in accordance with figure number one. (WE30196)

(2) Two semitrailer vans will be loaded in accordance with figure number 2. (WE30197)

Table I. Items To Be Mounted in Three Semitrailer Shop Vans, M128A1

FSN	Description	Ident letter	Qty	Location
7125-449-6862	CABINET, SPARE PARTS: vehicle repair parts and tools, S, expanded mtl construction, w/3 shelves, 24 in. h x 25 in. w x 16 $\frac{3}{4}$ in. deep o/a.	F	4	See figures No. 1 and 2.
7125-559-6223	CABINET, STORAGE: S, green enmld fin. 3 doors w/o locks, 2 nonadj shelves, knockdown construction 17 $\frac{1}{8}$ in. deep x 34 in. x 35 $\frac{1}{2}$ in. h.	E	4	See figures No. 1 and 2.
7125-693-4352	CABINET, TOOL AND SPARE PARTS: S body w/wdn top, 12 drawers, 1 front opng bin, 35 $\frac{1}{2}$ in. h x 25 in. w x 20 in. deep o/a.	C	20	See figures No. 1 and 2.
7125-693-4353	CABINET, TOOL AND SPARE PARTS: S body w/wdn top, 24 drawers, 1 front opng bin, 35 $\frac{1}{2}$ in. h x 25 in. w x 20 in. deep o/a.	D	4	See figures No. 1 and 2.
7125-378-4261	CABINET, TOOL AND SPARE PARTS: S, w/18 drawers and 7 open bins, 54 $\frac{1}{2}$ in. h x 36 $\frac{1}{2}$ in. w x 24 $\frac{1}{2}$ in. deep.	A	20	See figures No. 1 and 2.
7125-335-0292	CABINET, TOOL AND SPARE PARTS: S, w/42 drawers and 4 sliding trays, 54 $\frac{1}{2}$ in. h x 36 $\frac{1}{2}$ in. w x 24 $\frac{1}{2}$ in. deep.	B	4	See figures No. 1 and 2.

Table II. Hardware Required For Shop Set Installation

FSN	Description	Qty	Use
-----	ANGLE IRON: 2 x 2 x $\frac{1}{4}$ in.	Approx 141 ft.	For securing cabinets to side of van (lengths will be cut as req'd)
5306-012-0229	BOLT, MACHINE: hex-hd, $\frac{3}{16}$ -18 x $\frac{7}{8}$ in.	56	For securing cabinets A, B, and E to angle.
5306-012-2065	BOLT, MACHINE: hex-hd, $\frac{3}{16}$ -18 x 2 $\frac{1}{4}$ in.	224	For securing cabinets A, B, C, D, and E to floor of van, and cabinets F to top of cabinets C.
5306-010-9108	BOLT, SQUARE NECK: rd-hd, S, $\frac{1}{2}$ -13UNC-2A, 3 in. lg, w/sq-nuts.	60	For mounting angle iron to side of vans.
5310-012-4824	NUT, PLAIN, HEXAGON: $\frac{3}{16}$ -18.	56	For use w/5306-012-2065 machine bolt.
5310-639-7046	NUT, PLAIN, HEXAGON: $\frac{3}{16}$ -18.	224	For use w/5306-012-2065 machine bolt.
5310-050-2246	WASHER, FLAT: $1\frac{1}{32}$ in. id.	280	For use w/5306-012-0229 and 5306-012-2065 machine bolts.
5310-209-0061	WASHER, FLAT: $\frac{7}{16}$ in. id. $\frac{1}{8}$ in. thk, 2 in. w, 4 in. lg	208	For use w/5306-012-2065 machine bolt (mounted under floor of van).
5310-753-8683	WASHER, FLAT: $2\frac{1}{32}$ in. id.	24	For use w/machine bolt provided w/cabinets C and D.
5310-012-0214	WASHER LOCK: $\frac{3}{16}$ in. size	280	For use w/5306-012-0229 and 5306-012-2065 machine bolts.
5310-010-3331	WASHER LOCK: $\frac{3}{8}$ in. size	24	For use w/machine bolt provided w/cabinets C and D.