MOUNTING EQUIPMENT
CROSSBAR JUNCTOR, TRUNK AND SENDER UNITS
NO. 1 AND NO. 4 TOLL

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2. GENERAL

2.1 Scope

2.11 This section covers the mounting of crossbar junctor, trunk and sender units.

2.2 Associated Information

2.21 Section 50A covering Mounting Shelves, Units and Other Frame Mounted Equipment - Common Information.

2.22 Job equipment and layout drawings.

3. INSTALLING EQUIPMENT

3.1 The tools required for the operations covered by this section are listed below:

R-1844	Hoist, Chain, 1/4 Ton
R-2599	Truck, Dolly, Crossbar
R-2792	Wrench Set, General Use
344	Screwdriver, Offset, D.E.
R-2443	Screwdriver, Cabinet, 3"

4. INSTALLING PROCEDURES

4.1 Large units, such as those mounted on the district junctor, incoming trunk and subscriber sender frames require the use of two 1/4 ton hoists, R-1844, one to be attached to each end of the unit. This is necessary because the light horizontal angles used in the unit frameworks are too weak to support the weight of the unit with only one point of support.

4.2 Where units are to be mounted with the chain hoists, build a temporary support for the hoists as outlined in Section 50A.

NOTE: Where a top unit is to be mounted, make sure that the hoists are hung as close to the frame as possible. This reduces the effort required to push the unit into final location.

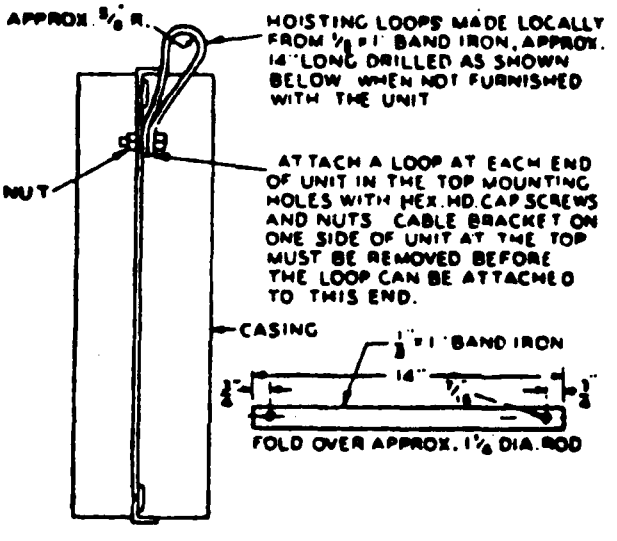

FIG. 1 HOISTING LOOPS FOR CROSSBAR UNITS (PARS. 4.3, 4.31)

4.3 Crossbar units are normally provided with hoisting loops at the top corners similar to those shown in Figure 1.

CAUTION: If hoisting loops are provided they should be checked as follows:

(a) Inspect to be sure there is adequate clearance to insert the hoisting hook without prying the loops open.

(b) Examine the loops for any evidence of cracking. If the loops have been squeezed shut or show any sign of cracking, remove them and have others made locally. Figure 1 shows how the loops are to be made if necessary.

4.31 Where these loops are not provided, it is advisable to make use of those furnished on other units or make up a pair locally as illustrated in Figure 1.

4.4 The normal sequence of operations for mounting units is as follows:

4.41 Attach a chain hoist to each loop.

4.42 Hoist the unit to the correct height for mounting as specified in the job specification

NOTE: Less interference between units, hoisting tackle, etc., will be encountered if the mounting sequence for the units of a frame is from the bottom up.

4.43 Push the lower end of the unit against the frame upright and insert a mounting screw in each lower mounting hole. Turn each screw into the tapped mounting hole sufficiently to hold the bottom of the unit against the uprights with the top of the unit far enough out to allow the nuts on the cap screws holding the hoisting loops to be removed.

4.44 Remove the hoisting loops.

4.45 Push the top of the unit against the frame uprights and assemble and tighten all mounting screws securely.

4.5 Dress the units to line up the vertical battery and ground bars on adjacent units.

Arrowed lines indicate new or changed information.

Engineer of Installation

Reason for Reissue
To add the caution statement after Paragraph 4.3

Replaces Section 50B dated 3-20-52.