

35 EDGE PUNCHED CARD FEEDER AND READER TABLE

GENERAL INFORMATION

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1. GENERAL

1.01 This section provides a general description and information on the installation, adjustment, and lubrication of the 35 edge punched card feeder and reader table (202A table). It is reissued to accommodate engineering changes. Since this is a general revision, marginal arrows are not used to indicate changes or additions.

1.02 The table (Figure 1) provides a stand for the 35 edge punched card feeder (EPCF-1) and reader (LEXD801). A typical reader/feeder installation is illustrated in Figure 2. It may be used as a stand-alone system, or may be positioned on either side of an associated 35 KSR or ASR.

1.03 Photographs in this section are of current design tables unless otherwise indicated. Early design tables differ from current design tables mainly in the arrangement of components inside the compartment. Where the difference is important to the explanation, both units are shown.

1.04 References to left, right, front, rear, etc, consider the table to be viewed from the front as in Figure 1. The operator's position is as shown in Figure 2 in most installations.

2. DESCRIPTION

2.01 The table is approximately 16 inches high, 26 inches long, and 10 inches deep, and weighs approximately 30 pounds. Four adjustable feet permit leveling.

2.02 The top of the table has eight embossed positions which accept the feet of an edge punched card reader and feeder. There are also six mounting holes (sealed by snap-in metal plugs) to permit installation of switches for special applications.

Note: A set of parts (TP343723) to provide semirigid mounting of a reader and feeder on the table top is available as an option.

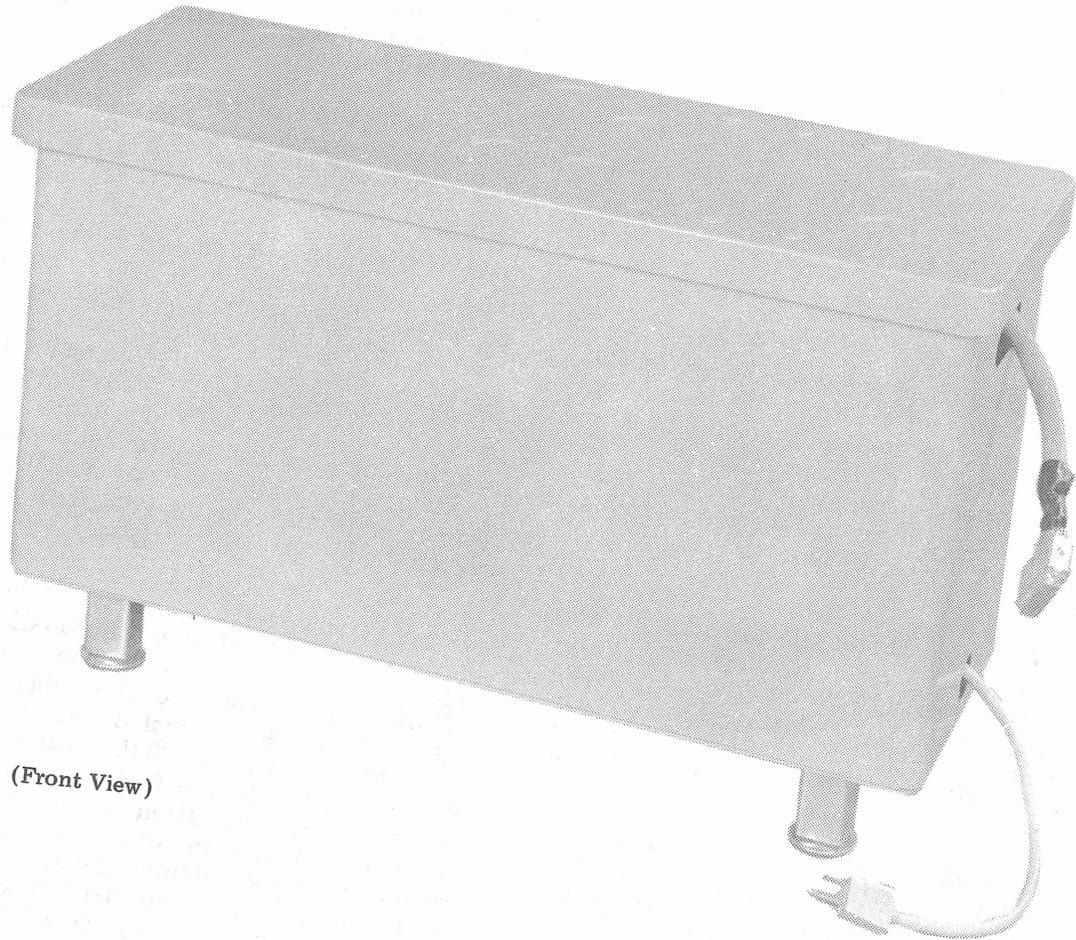
2.03 The electrical elements are mounted on a removable shelf inside the table compartment. The shelf includes an ac terminal strip with a power cord, ac receptacles to provide power for the reader, feeder, and auxiliary equipment, a motor start relay, and a terminal board which serves as a wiring field. Current design units also include an auxiliary terminal board to permit programming of special features. The rear panel can be removed from the table to provide access to the shelf.

2.04 The reader, feeder, and any auxiliary units used in the installation are interconnected by cables. The reader cable (TP324508) is basic to the table, and comes attached to the terminal board of the shelf. In early design units, a TP324509 cable was available for connection to the feeder in installations not requiring synchronization assurance. A TP327584 cable is available in station arrangements that require synchronization assurance. Signal line cables and cabling for special features or auxiliary equipment must be engineered locally. Cable ports on the left and right sides of the table permit cable routing to the various elements of the system.

2.05 Refer to wiring diagram 8336WD for wiring information.

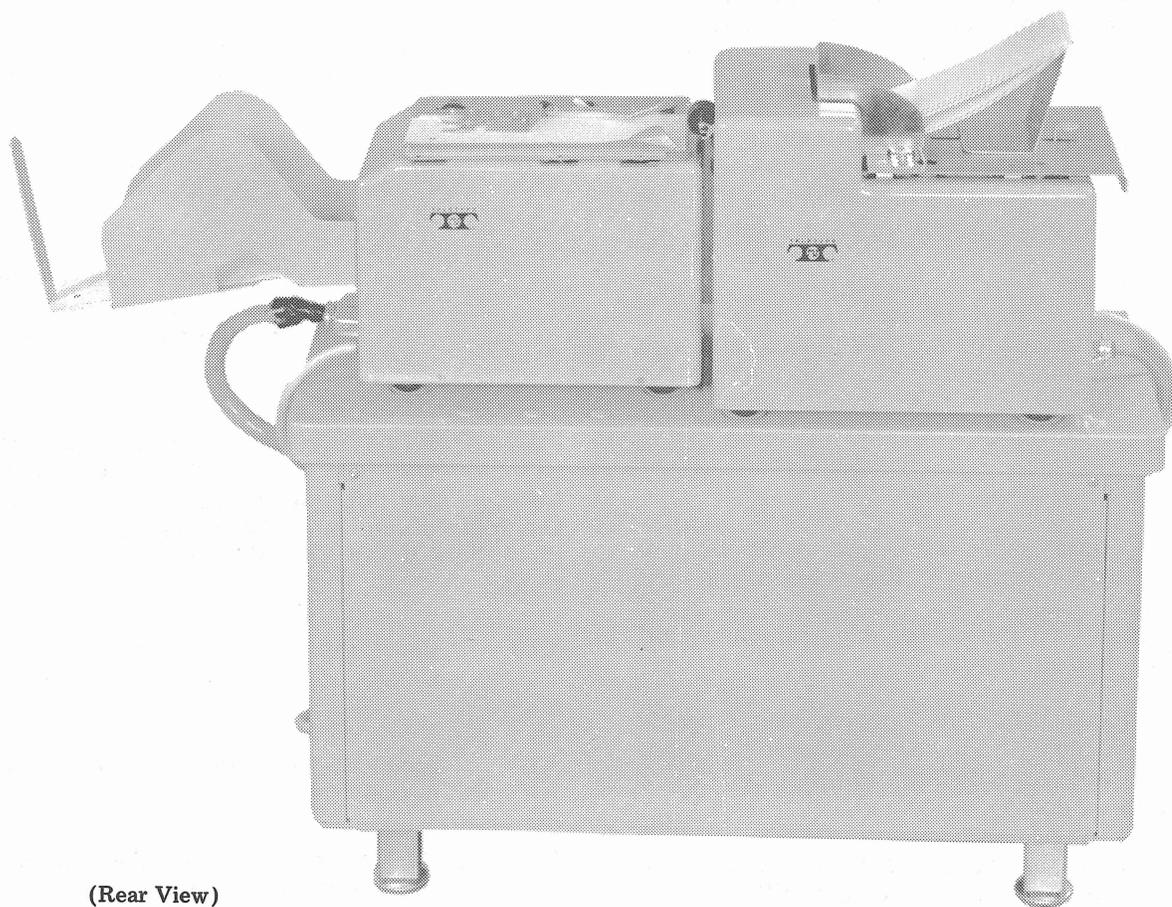
3. INSTALLATION

3.01 The table is shipped completely assembled in a single carton. Cables and straps for completing basic field requirements are provided in a cloth bag packed inside the table.



(Front View)

Figure 1 - 35 Edge Punched Card Feeder and Reader Table



(Rear View)

Figure 2 - Typical Installation of 35 Edge Punched Card Reader (Left) and Feeder (Right) on Table

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3.02 Exercise care when unpacking the unit to avoid damage to the painted finish.

3.03 Remove all packing details, such as tissue paper, tape, etc, from the table.

3.04 Remove the two panel mounting screws and remove the rear access panel to gain access to the cables and electrical components (Figure 5).

3.05 If the optional mounting parts (parts set TP343723) have been ordered, prepare the table top according to the following steps. (If mounting parts are not used, proceed to 3.06.)

- (1) Remove shelf from inside table.
- (2) Drill eight 5/16 inch diameter holes in table cover as illustrated in Figure 6.
- (3) Insert long threaded ends of eight rubber cushion isolators into drilled holes in table top, and attach each one with TP3438 flat washer, TP110126 lockwasher, and TP3354 nut from underside of table top. Do not tighten nuts at this time.

(4) Replace shelf inside table.

3.06 Route cable TP324508 with its connector through the opening in the upper right side of the table a distance of approximately 10 inches for edge punched card reader installation (Figure 3).

3.07 Route the ac power input cable through the lower opening in the right side of the table for a distance of approximately 3 feet (Figures 2 and 7).

3.08 Wire the variable side of the terminal board as required for use with the edge punched card feeder. (Use the wiring field chart on wiring diagram 8336WD and associated parts furnished in the cloth bag packed inside the table.) See Figure 4.

3.09 Route the feeder cable through the opening in the upper left side of the table for a distance of approximately 10 inches (Figure 3).

3.10 Included in the cloth bag packed inside the table are special adhesive labels to identify the modes of any switches that may be mounted on the table.

3.11 Finalize the location of the table before placing the reader and feeder in their embossments on the table top.

Note: If the optional mounting parts are installed on the table top (3.05), mount the reader to the table top according to the following steps.

(1) With the reader and feeder separated from each other, unscrew and remove the mounting feet from both units.

(2) Place the feeder on its rubber cushion isolator pins as in Figure 6.

(3) Place the reader on its isolator pins and on the feeder interlock brackets.

(4) With the reader and feeder in place, tighten the eight TP3354 nuts from the underside of the table top.

3.12 Insert the power cords of the reader and feeder through the cable ports in the right and left sides of the table, respectively, and plug them into the ac receptacles on the shelf. Plug the signal cables into the reader and feeder.

3.13 Place the rear panel on the table and secure it with the two sheet metal screws.

3.14 Level the unit by means of the adjustable feet.

3.15 The assembly is installed when the following conditions are met:

- (a) Table is steady and level.
- (b) All cables are connected to their respective units or outlets.
- (c) Signal line cables (supplied locally) are installed.

4. ADJUSTMENT

4.01 The table feet should be adjusted to provide a level stand, without wobble, at a predetermined height within the adjustment range of the feet (Min 2-1/2 inches--Max 3-1/4

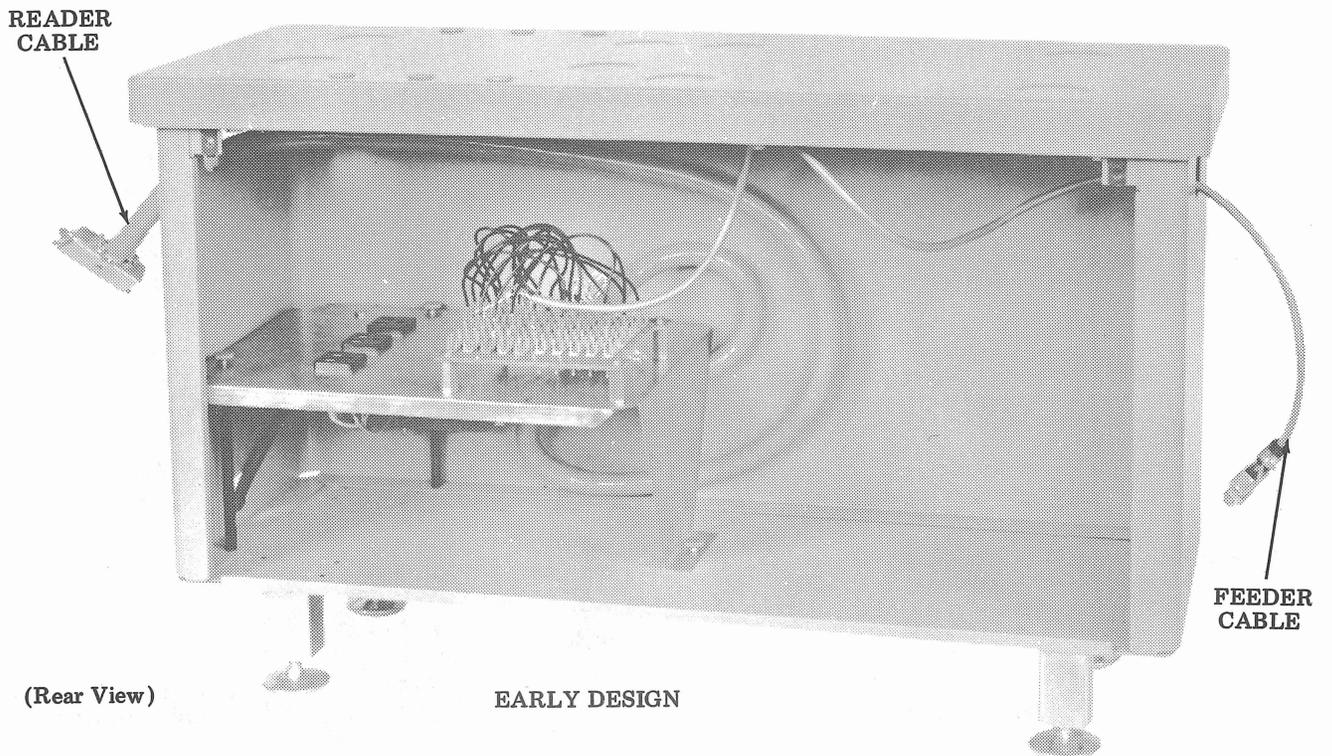
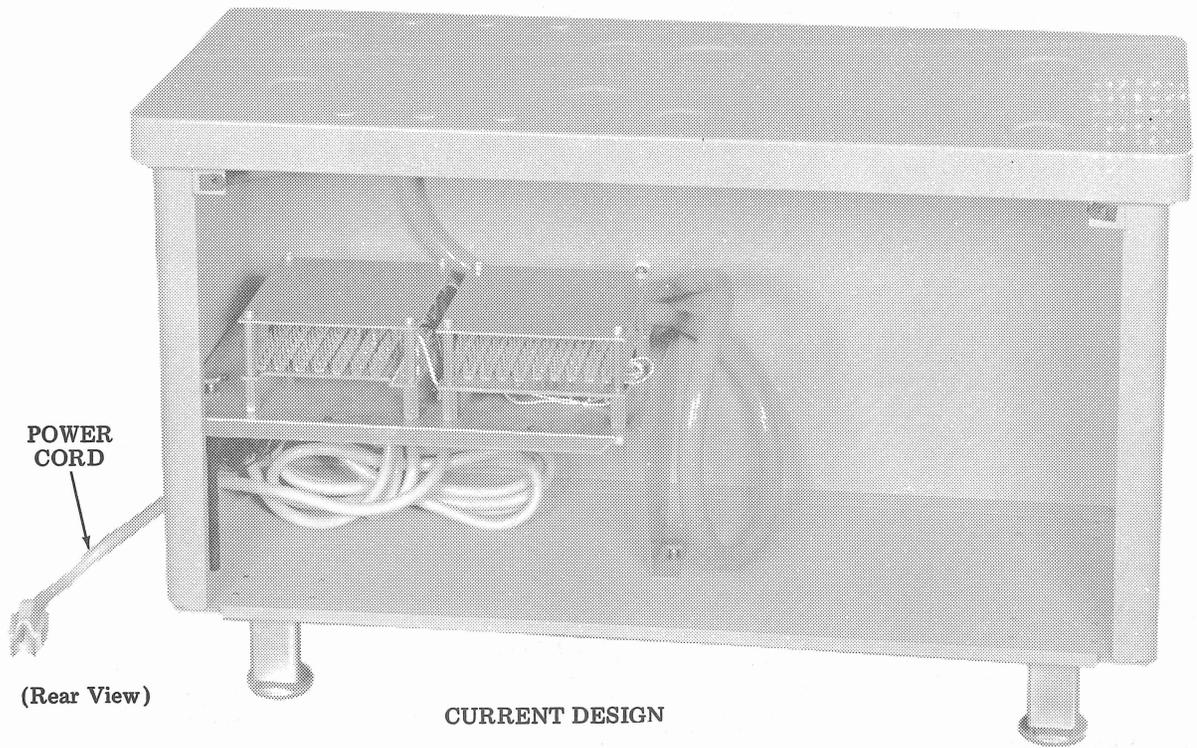


Figure 3 - 35 Edge Punched Card Feeder and Reader Table (Rear Panel Removed)

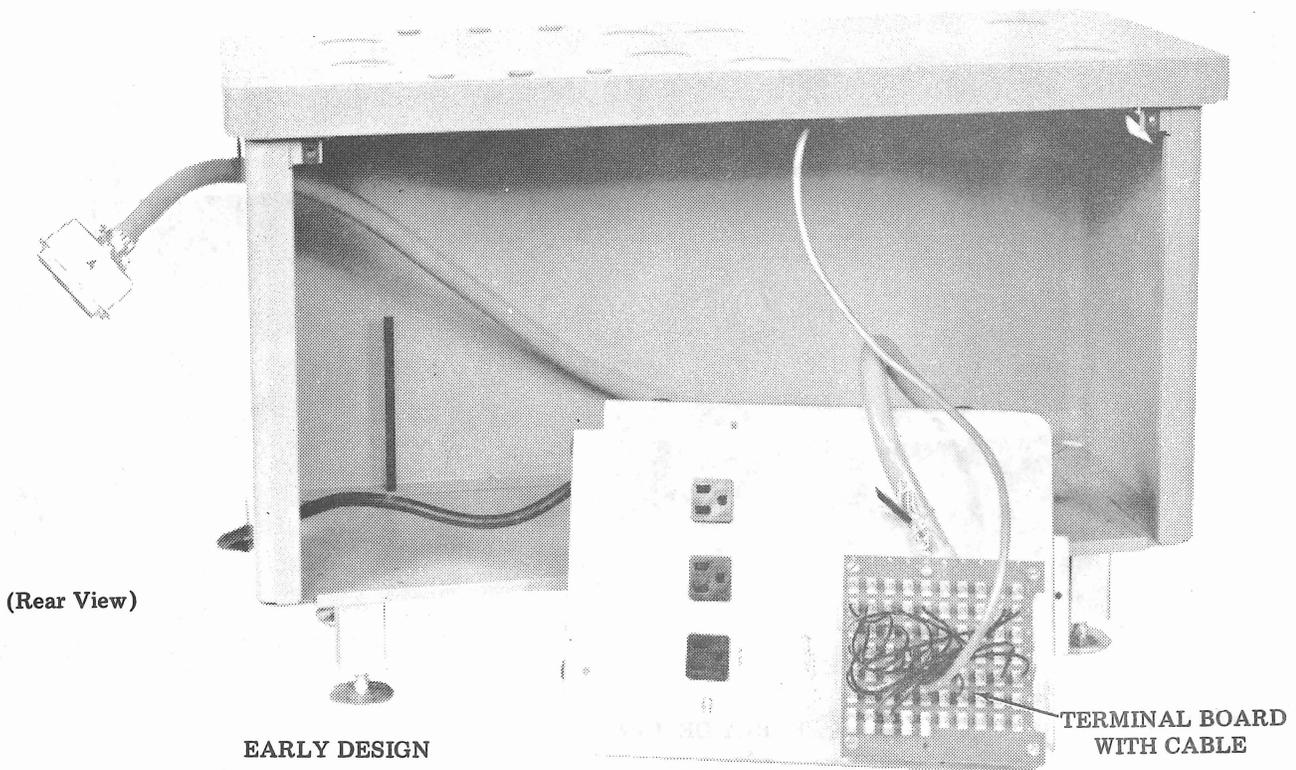
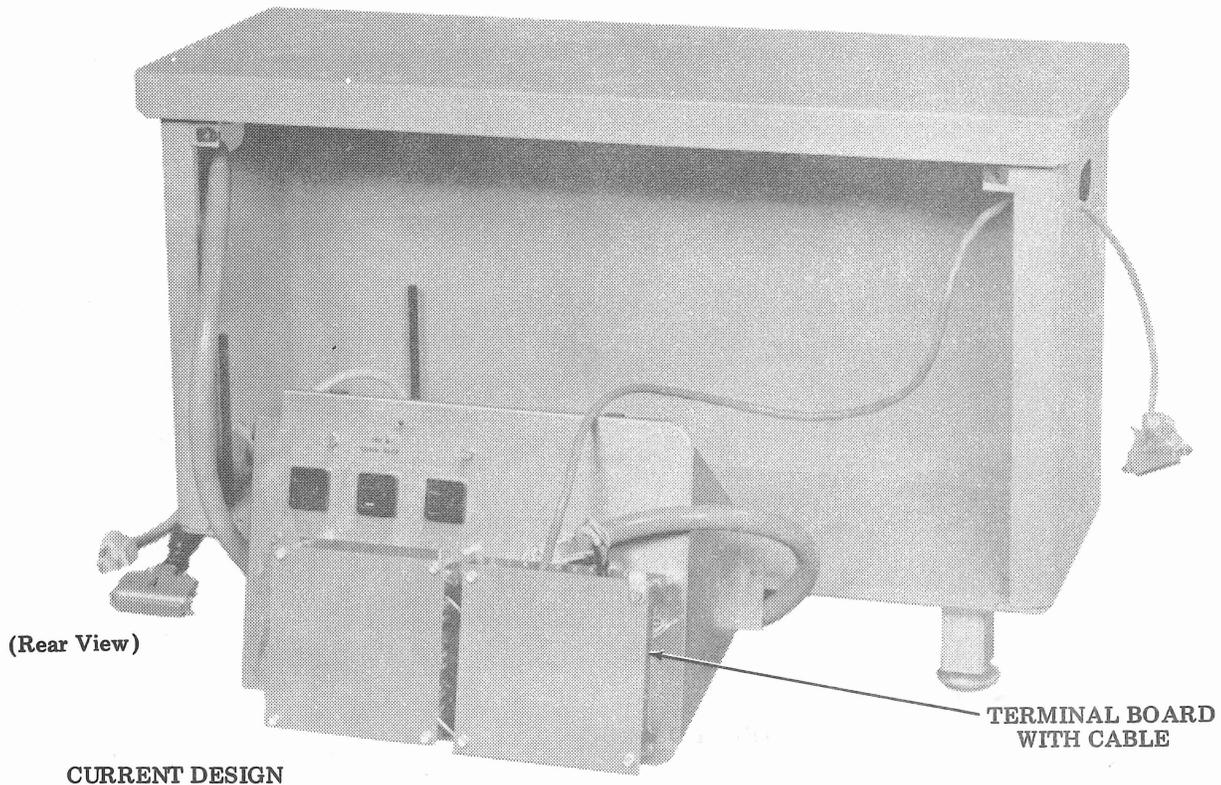


Figure 4 - 35 Edge Punched Card Feeder and Reader Table (Shelf Removed)

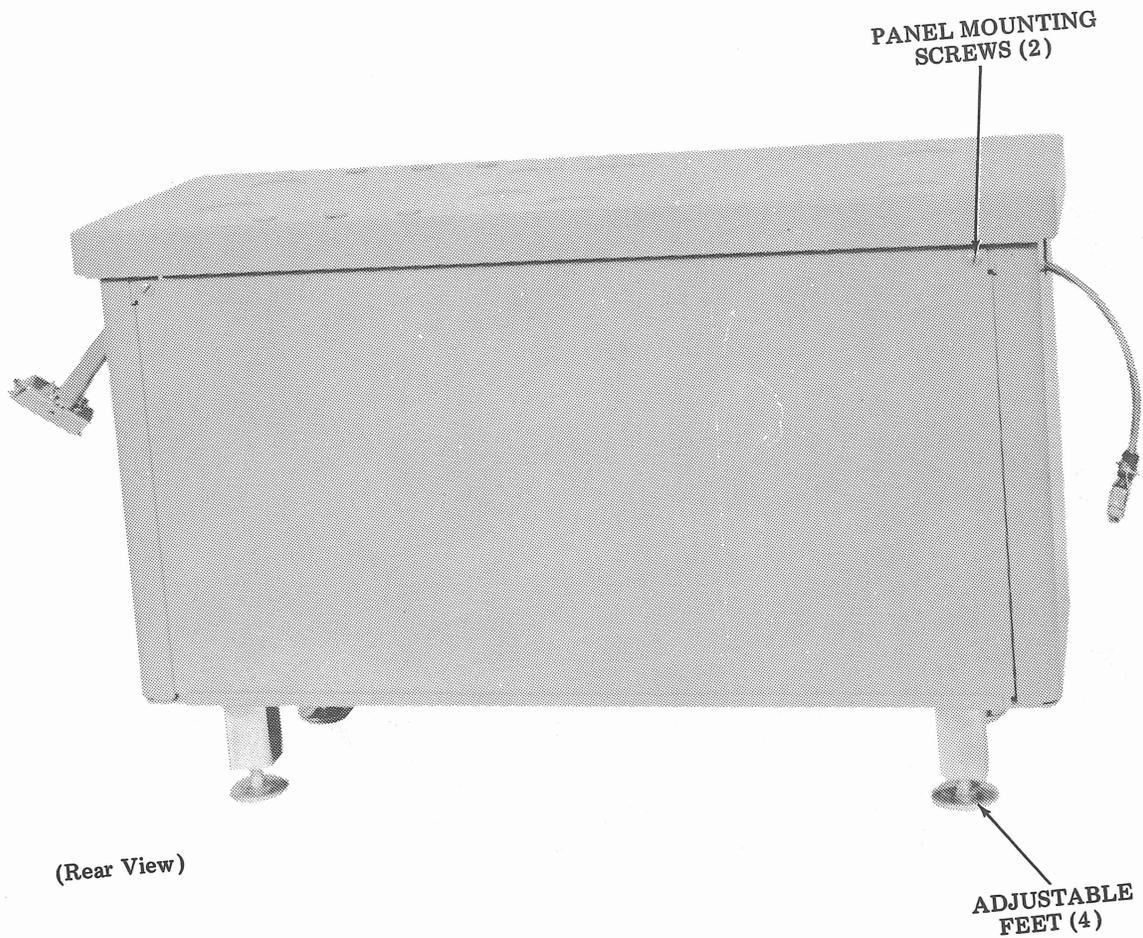


Figure 5 - 35 Edge Punched Card Feeder and Reader Table

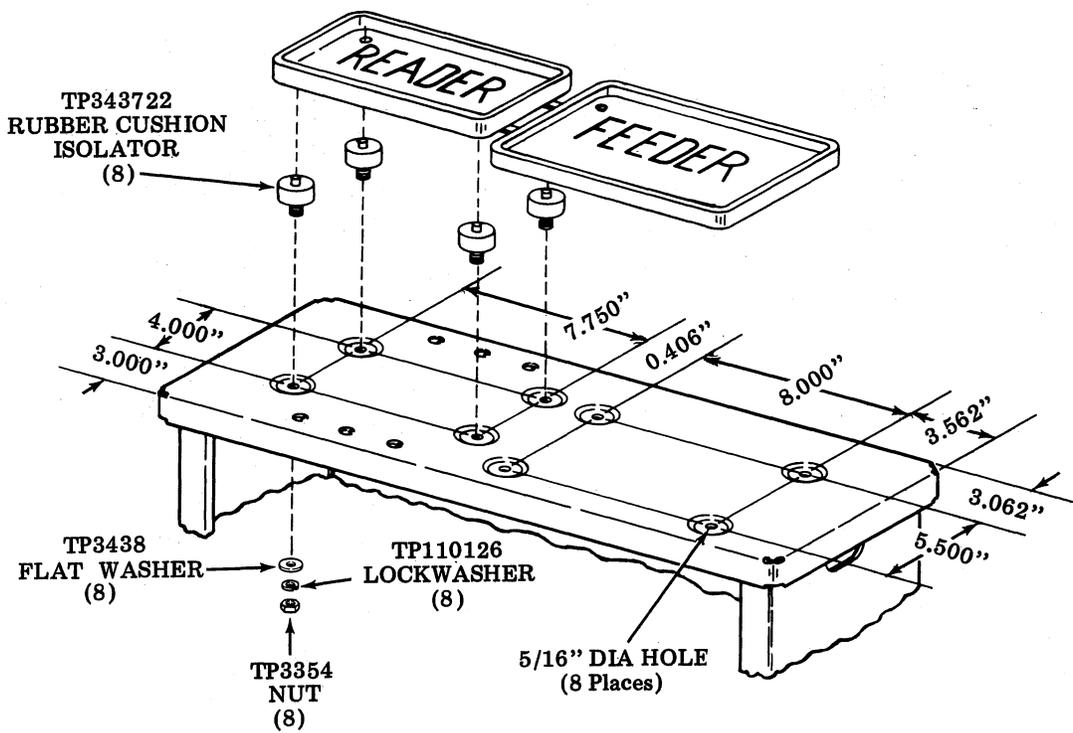
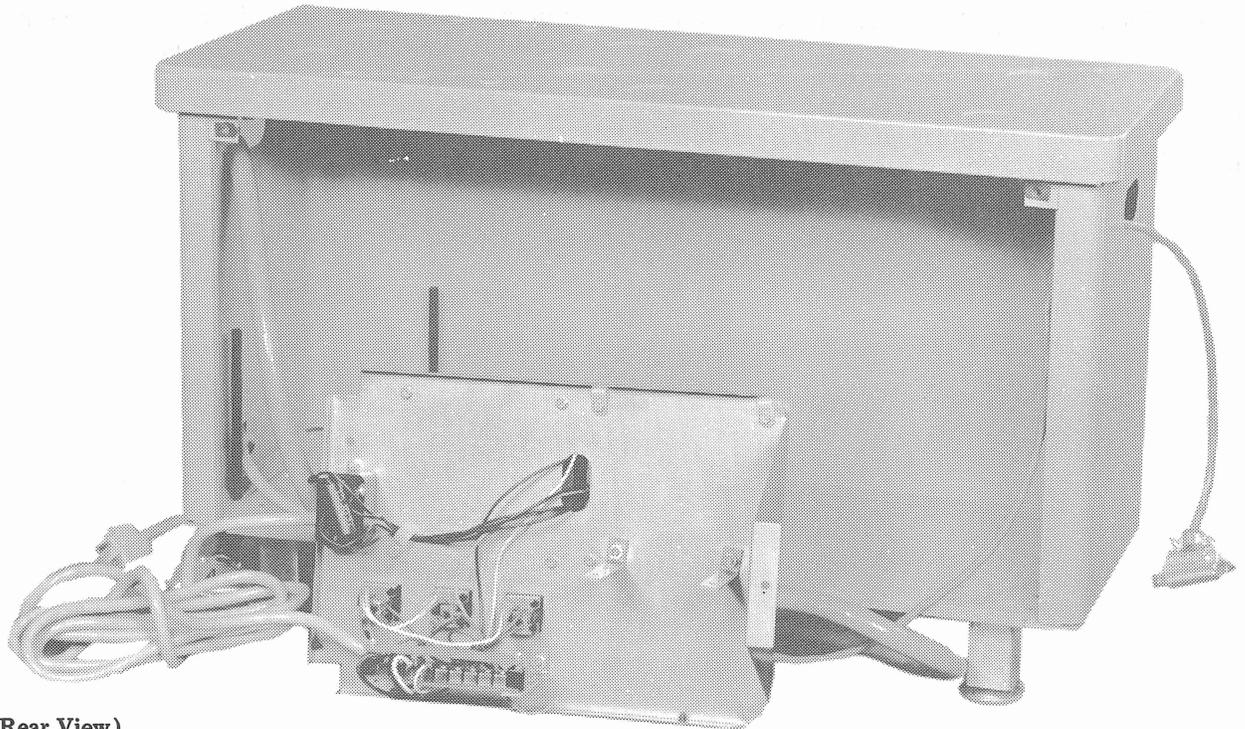
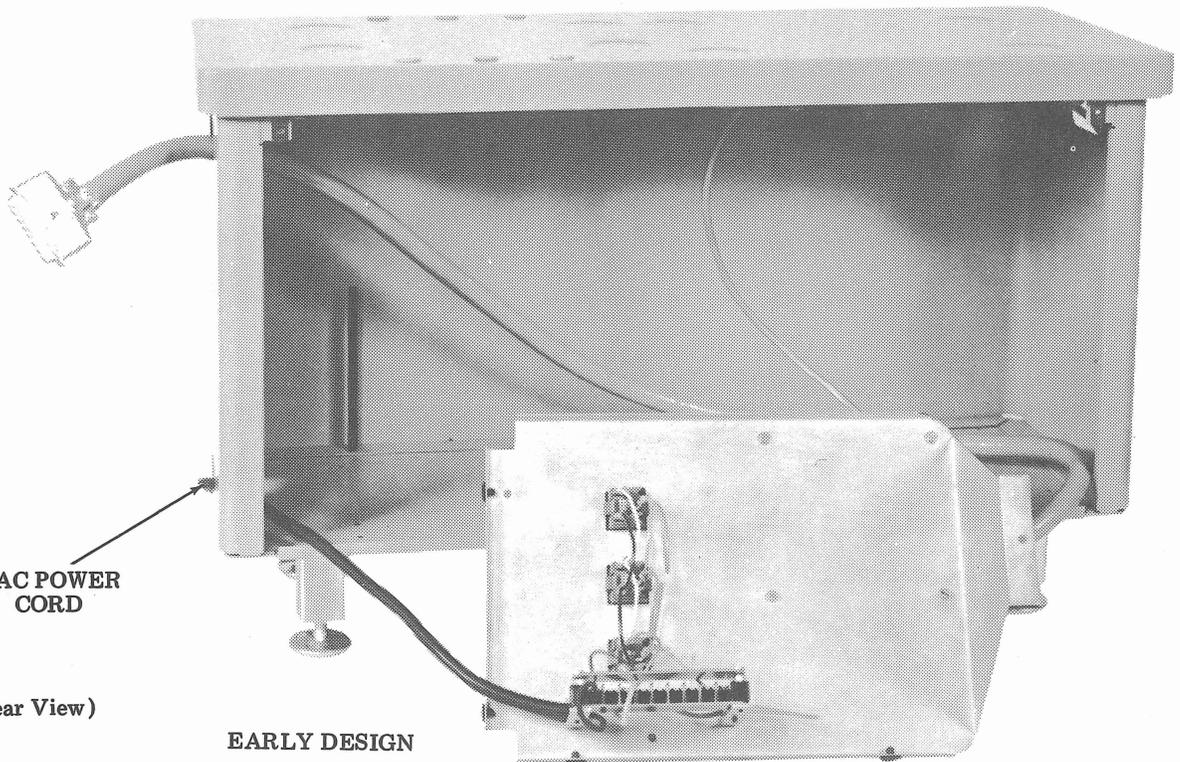


Figure 6 - Installation of Parts Set TP343723 (Optional Feature) to Provide Semirigid Mounting of Reader and Feeder on Table Top



(Rear View)

CURRENT DESIGN



AC POWER
CORD

(Rear View)

EARLY DESIGN

Figure 7 - 35 Edge Punched Card Feeder and Reader Table

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inches). Rotate the glides to meet this requirement.

4.02 If the reader and feeder are mounted on the optional mounting isolators (Figure 6), the alignment of the feeder and reader

should be checked and, if necessary, readjusted according to Section 574-246-200.

5. LUBRICATION

5.01 No lubrication required.