

HIGH SPEED RECEIVER SETS

(BRPE TYPE)

INSTALLATION

	CONTENTS	PAGE
1.	GENERAL	1
2.	INSTALLATION	1
	ASSEMBLED SET - UNPACKING	1
	DISASSEMBLED SET - UNPACKING	1
	ASSEMBLY	2
3.	MOUNTING	3
	ELECTRICAL CONNECTIONS	3
4.	PREPARATION FOR OPERATION	3
	ADJUSTMENTS	3
	LUBRICATION	3
	TAPE ROLL	4
	TAPE THREADING	4
	TAPE STARTING	4

1. GENERAL

1.01 This section contains installation procedures for High Speed Receiver Sets (BRPE type). These sets can be table top or shelf mounted, with or without shock absorbers.

1.02 Certain variations in the following procedures may have to be made for individual coded equipment and specific applications. A set consisting of a base (BRPEB), motor unit (LMU), punch unit (BRPE), and motor mounting and drive parts for 110 operations per second is ordinarily packed assembled in one carton. However, for cases in which the components may be packed separately, 2.04 through 2.08 cover unpacking and assembly. When individual units are obtained, see 2.04 through 2.06 for unpacking instruc-

tions and 3.01 for mounting information. Instructions for installing different motor mounting and drive parts are contained in a specification packed with the set of parts.

2. INSTALLATION

ASSEMBLED SET - UNPACKING

2.01 Cut the seal and open the top flaps of the cardboard carton. Remove the top corrugated detail. Cut the seal and open the top flaps of the inner carton. Remove the corrugated liner. Detach the chad container from the liner and remove the tissue wrapping. Remove the loose connectors from the container and remove the tissue wrapping.

2.02 Grasp the set by the motor housing and carefully lift it out of the carton. Remove the pallet from the set by removing the four mounting clamps. Remove the string and tape holding the tape reel and wire guide in position. Mount the chad container on the front of the set by inserting the plastic post at the rear of the container into the provided hole in the punch unit rear plate and inserting the two studs at the front of the mounting bars into the two holes in front of the container.

2.03 If a cover (BRPEC) is included in the set, cut the seal of its carton and open the top flaps. Lift the cover out of the carton and remove the tissue wrapping. Hold the cover over the set, lower it carefully, and fit the four rubber grommets on the base into the provided slots.

DISASSEMBLED SET - UNPACKING

2.04 Base - Cut the seal and open the top flaps of the cardboard carton. Remove the cardboard detail on top of the equipment. Grasp the base by the mounting plate and carefully lift it from the carton. Remove the string holding the tape reel and wire guide in position. Remove the two male connectors from the muslin bag attached to the base.

2.05 Punch Unit - Cut the seal and open the top flaps of the cardboard carton. Remove any tissue at the top of the carton. Remove the chad container, which is wrapped in tissue, from the small cardboard liner and lay it aside. Remove the detail that fits around the unit. Remove the large liner. Grasp the unit by the cover and the wooden tape roller and carefully lift it from the carton. Remove the string and tissue paper from the cable. When ready to mount the unit, take it off the wooden pallet by removing the two mounting screws.

2.06 Motor Unit - Cut the seal and open the top flaps of the cardboard carton. If the unit is packed in plastic end caps, hold it in place and turn the carton upside down. Lift the carton off the unit and remove the end caps. If the unit is not packed in plastic, remove the cardboard detail from the top of the carton. Grasp the unit by the housing and lift it out of the carton.

ASSEMBLY

2.07 Remove the punch unit from the wooden pallet. Mount it on the base with mounting hardware provided in a muslin bag attached to the punch unit. Six screws (TP156768) and lockwashers (TP93985) should pass from the rear through mounting brackets (TP142955 and TP142956) on the base into the upper part of rear plate TP142800 of the punch unit (Figure 1). Four screws (TP151724) and lockwashers (TP2669) should pass from the front through the lower part of the rear plate into side bars (TP142950 and TP142951) of the base. Connect the male receptacle of the punch unit cable to the female receptacle on the base. Mount the chad container as instructed in 2.02.

2.08 Mount the motor unit and drive parts as instructed in the specification packed with the motor mounting and drive parts. If a cover is included with the set, unpack and mount it as instructed in 2.03.

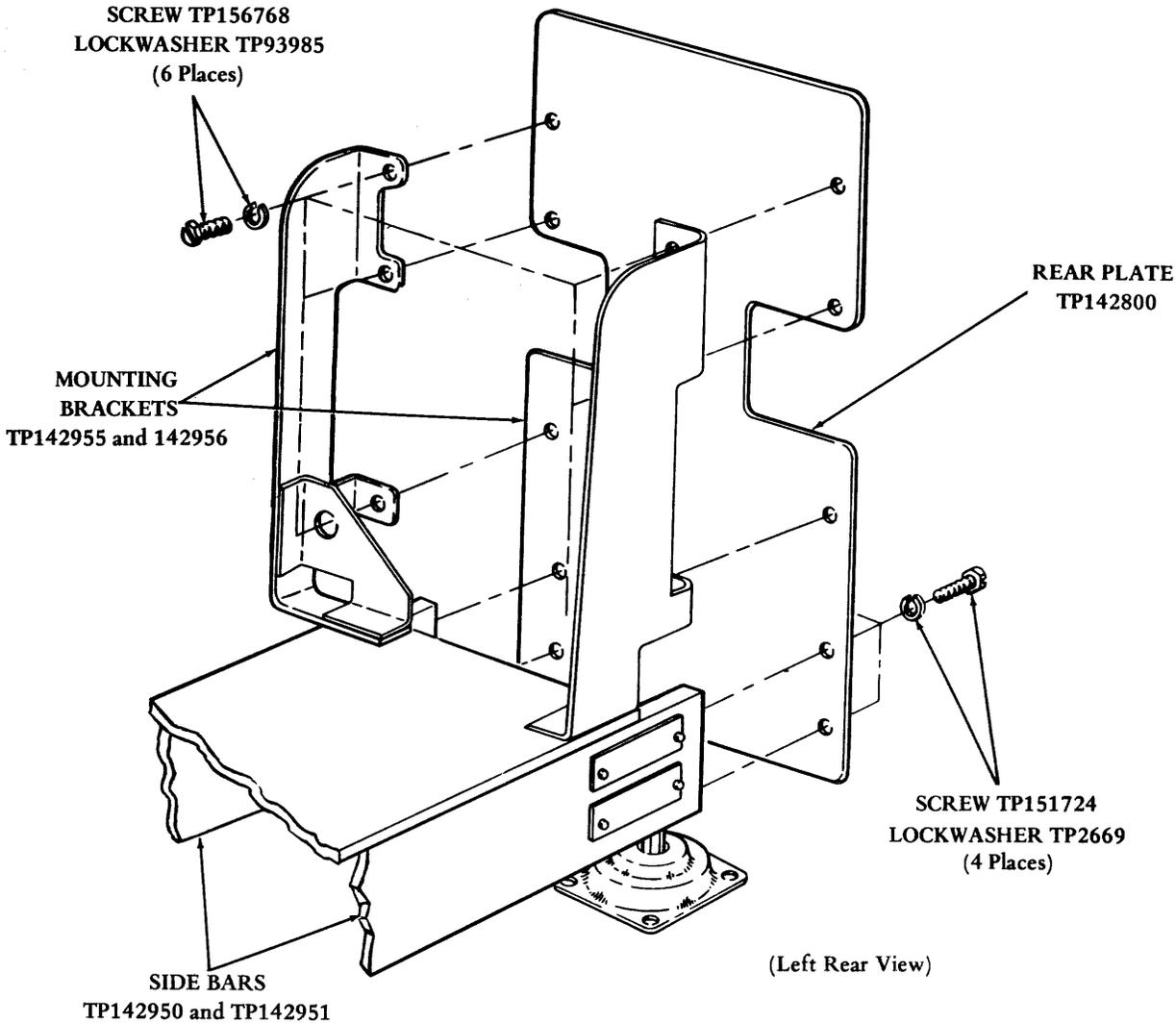


Figure 1 - Punch Unit Rear Plate Mounting

3. MOUNTING

3.01 The High Speed Receiver Set is designed for mounting with or without the provided shock mounts. There are four screw holes in each mount for securing the set to the customers table, shelf, cabinet track or other equipment. For pertinent dimensions, see Figure 2. If the shock mounts are not to be used, they can be taken off by removing their mounting screws. Provisions must then be made by the customer for mounting the set on specific equipment. Mounting dimensions for the punch unit are shown in Figure 3.

ELECTRICAL CONNECTIONS

3.02 Refer to Section 592-831-100TC for pertinent electrical data. Wiring from the power supply and control circuits should be connected to the two loose connectors stated in 2.01 and 2.04. For specific connections, refer to the wiring diagrams shipped with the equipment.

4. PREPARATION FOR OPERATION

ADJUSTMENTS

4.01 Five-level punch units are adjusted at the factory for 11/16-inch tape and should need no further adjustment. Six-, seven-, and eight-level equipment is adjusted for one inch tape. If 7/8-inch tape (6- and 7-level) is to be used, see Section 592-802-700TC, TAPE BIAS SPRING adjustment.

4.02 Orientation of the flywheel for synchronization purposes is preset at the factory. If reorientation is needed, see Section 592-802-700TC, TIMING adjustment.

LUBRICATION

4.03 For lubrication procedures concerning the punch unit, see Section 592-802-701TC.

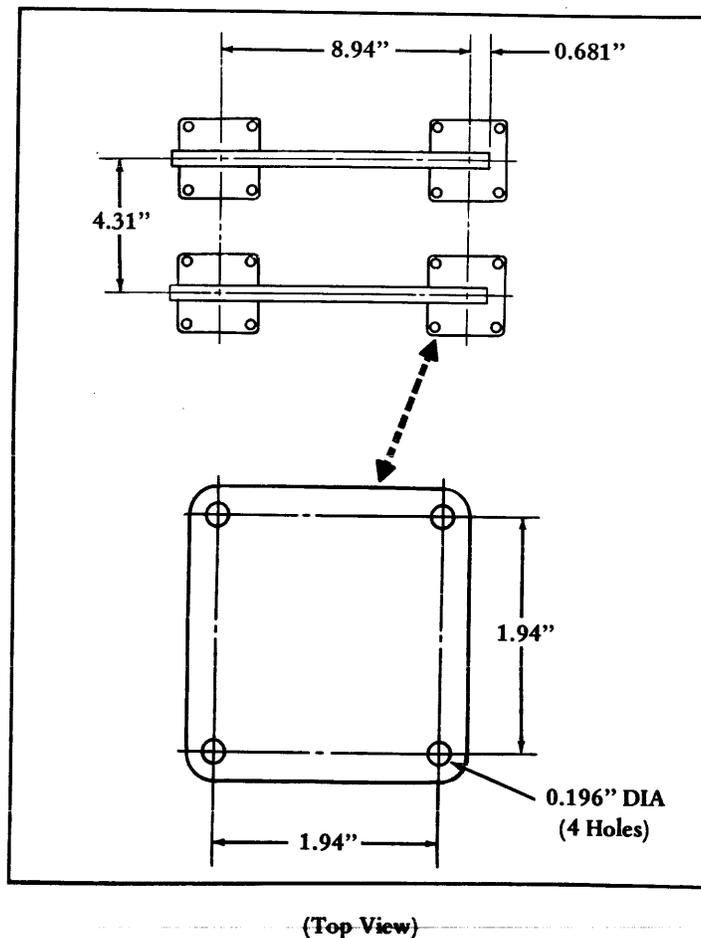


Figure 2 - High Speed Receiver Set Mounting Dimensions

TAPE ROLL

4.04 Remove the tape reel from the tape container. Unscrew the tape retainer and remove it from the reel. Place the tape roll on the reel so that the tape will feed off the bottom rear. Replace the retainer and place the reel back in the container.

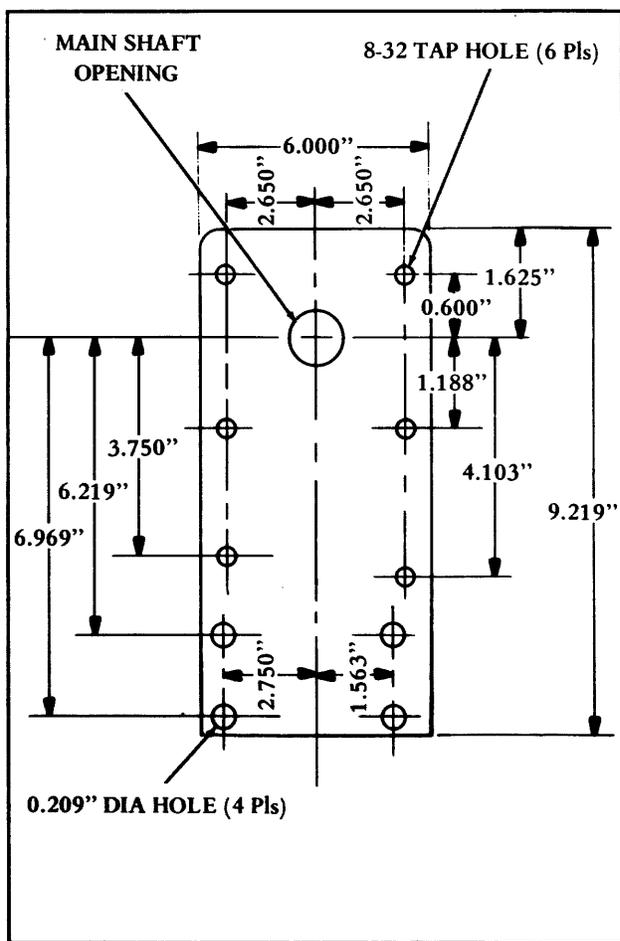
TAPE THREADING

4.05 The tape threading for the receiver sets is as follows: Thread the tape off the bottom rear of the roll, up through the wire guide on the container, forward

through the wire guide on the punch unit to the left of the upper roller, over and down to the right of the upper roller, to the right of and down under the lower roller, and to the left through the tape guide and punch block. Lift the tape lid and lead the tape between the lid and the feed wheel and then out to the left under the tape cutter.

TAPE STARTING

4.06 Turn on the motor switch. Depress the feed-out lever, pull the tape to the left until it begins to feed and release the feed-out lever. If the receiver set has been properly oriented with its control circuits, it should be ready for operation.



(Rear View)

Figure 3 - High Speed Punch Unit Mounting Dimensions