

HIGH SPEED TAPE PUNCH BASE AND COVER

(BRPEB AND BRPEC)

DESCRIPTION

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1. GENERAL

1.01 This section describes a tape punch base and a tape punch cover as separate units of a high speed tape punch system. The tape punch base unit (Figure 1) is designed for either table top or shelf mounting, with or without shock mounts. The tape punch unit cover (Figure 2) is a simple slip-on design mounted in place by four screws. Although there are several available tape punch base models as well as tape punch cover models, the information contained herein is typical and can be generally applied to all models. Refer to Section 592-802-100TC for a description of the tape punch unit.

2. BASE

2.01 The tape punch base unit consists of two vertical support brackets and a flat plate with provisions for mounting various components of a high speed tape punch set. The principal component mounts for the base unit include a tape punch unit, a motor unit, and a tape container. The following paragraphs briefly describe additional items generally mounted on the tape punch base unit.

2.02 Power circuits including a four point terminal board, a motor switch, and mating input connectors are provided. Also, there are mounting provisions for

control input connectors, a tape punch base and tape punch unit connector, and power input connectors.

2.03 An electrical component mounting board containing resistors, diodes, and capacitors is installed underneath the flat plate area of the tape punch base unit. These electrical components supply the needed high current and low voltage for the tape punch magnet circuits. A low tape switch is included to actuate an external visual, or audible alarm whenever the tape supply falls below a predetermined level.

2.04 A reel and brake assembly regulates the tape roll tension to provide smooth acceleration and deceleration during starting and stopping of the tape punch unit. Also, vibration mounts (supplied with the tape punch base unit) can be removed at the customers discretion. Rubber grommets (four) mounted on the sides of the tape punch base unit are used to support the motor unit cover shown in Figure 2.

3. COVER

3.01 The tape punch unit is housed in a small removable cover. The cover is designed to provide protection from dust, oil, and paper particles that may otherwise impair proper operation of the tape punch unit. Also, it provides protection from a safety standpoint. A glass window in the cover permits visual access to the tape punch unit.

3.02 For disassembly and reassembly information concerning the tape punch cover unit, refer to Section 592-802-702TC.

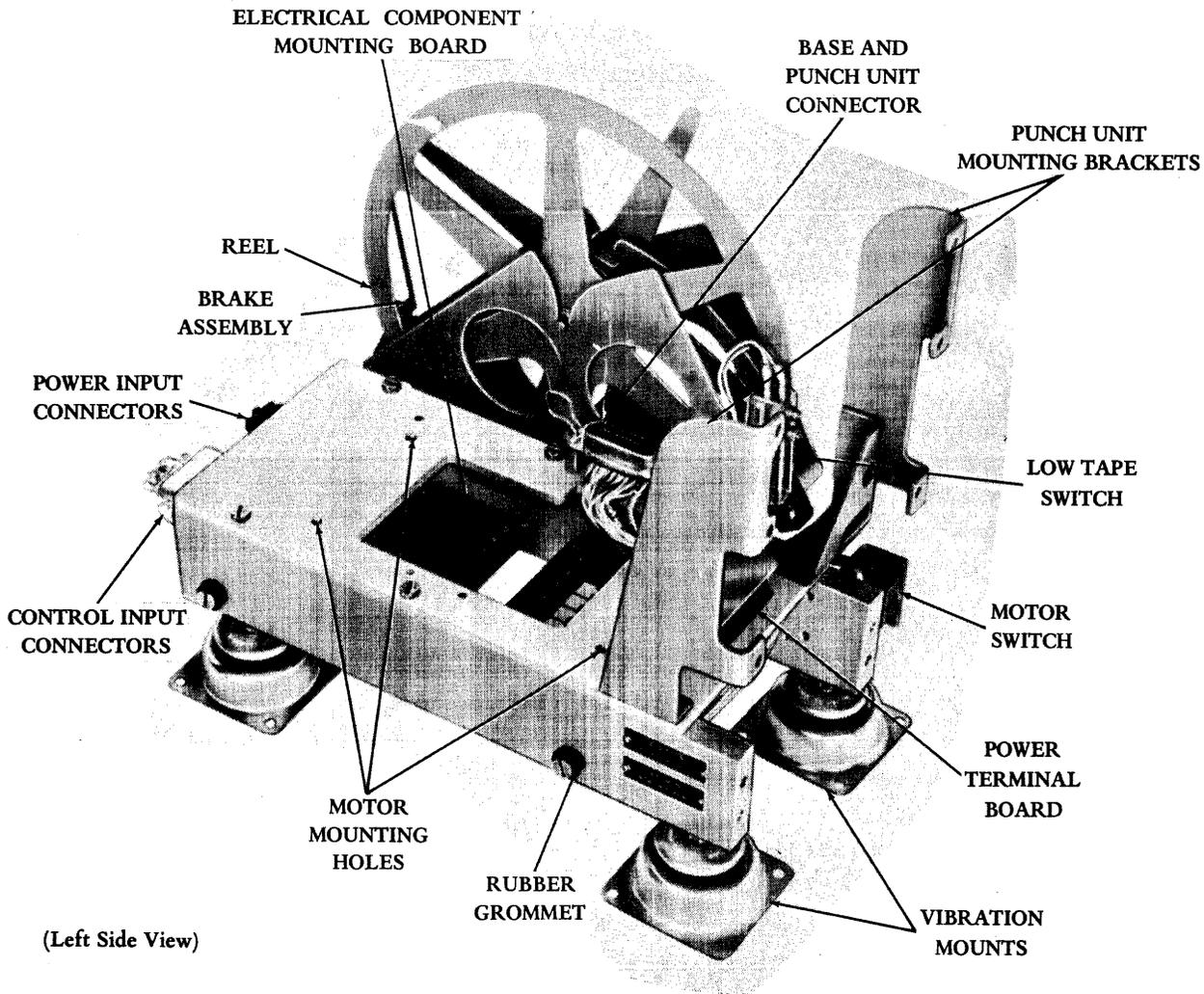


Figure 1 - Tape Punch Base Unit

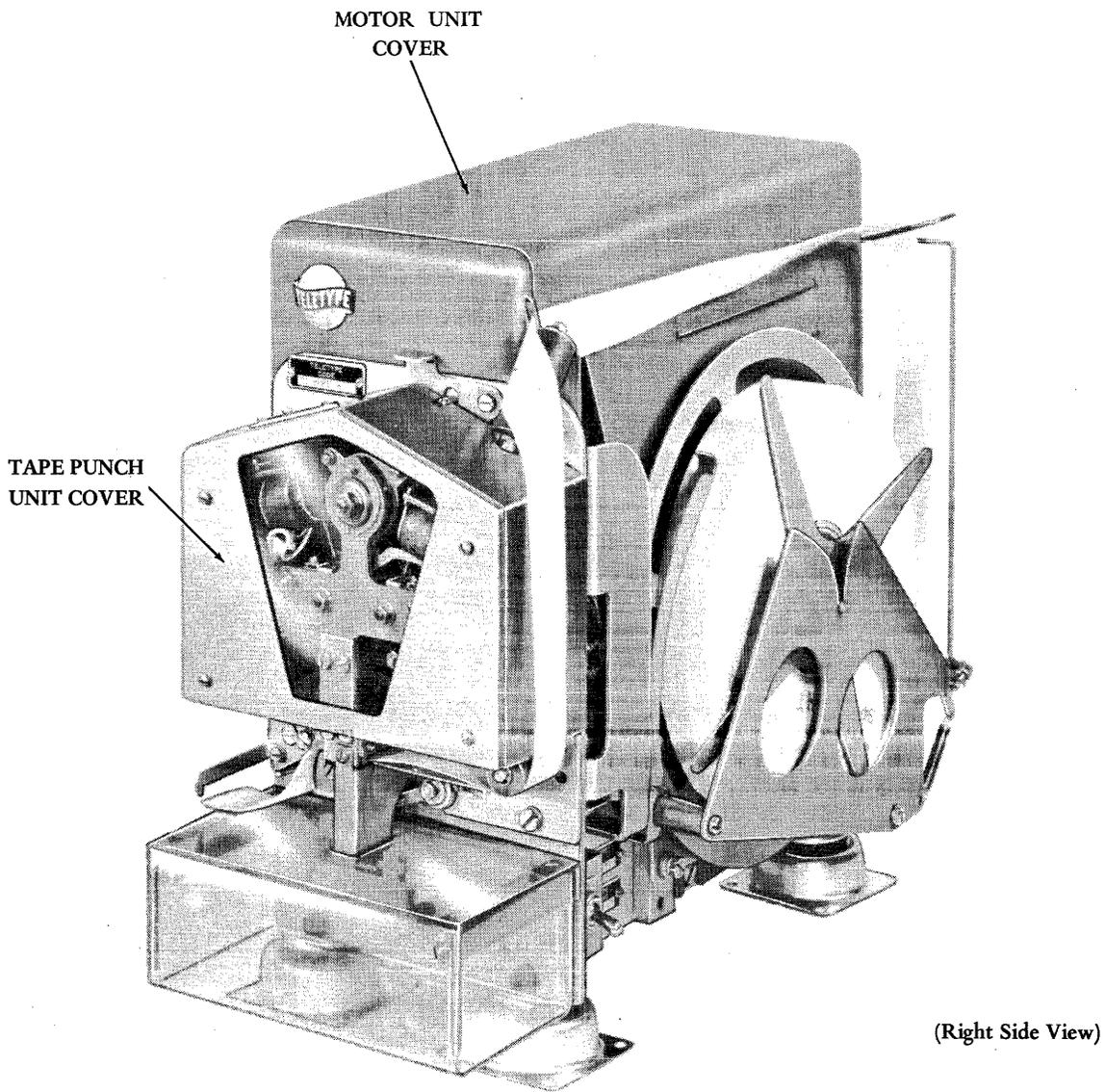


Figure 2 - Tape Punch and Motor Unit Covers