

HIGH SPEED TAPE PUNCH

(BRPE TYPE)

DISASSEMBLY AND REASSEMBLY

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Therefore when remounting subassemblies, check all associated adjustments, clearances, and spring tensions as outlined in Section 592-802-700.

1.05 If any part mounted on shims is removed, note the number of shims in the pile-up so that the same amount can be used when remounting the part.

CAUTION: DISCONNECT POWER FROM PUNCH UNIT BEFORE STARTING DISASSEMBLY.

1.06 Retaining rings have a tendency to release suddenly. To avoid loss of these rings, remove as follows: Place screwdriver blade in one of the ring slots while holding ring in place with fingers. Rotate blade of screwdriver slowly to increase ring diameter until ring is released. Remove retaining ring.

1. GENERAL

1.01 This section provides disassembly and reassembly information for the high speed tape punch (BRPE). It is reissued to include the latest engineering information, add an illustration, and update the text. Since this issue is a general revision, marginal arrows that indicate changes have been omitted.

1.07 When removing a subassembly from the punch unit, carefully note the procedure followed and the position and location of parts so as to simplify reassembly. If no specific instructions are given for reassembly, reverse the disassembly procedure used. If the punch unit has been disassembled beyond the subassembly level, follow the adjustment sequence given in Section 592-802-700 for reassembly.

1.02 This section contains the specific disassembly instructions for 1B, 2B, and special 2B tape punch units, and, where necessary, includes detailed reassembly information.

1.08 Refer to Section 570-005-800 for tools needed to aid in the disassembly and reassembly of the punch unit.

1.03 The disassembly procedure divides the punch unit into its major subassemblies in the reverse order to that normally used in the assembly of a new unit. If further disassembly is needed, refer to Section 592-802-800 for a detailed arrangement of parts.

2. DISASSEMBLY AND REASSEMBLY

COVER

1.04 Most maintenance, lubrication, and adjustments can be done by removing the punch unit from its enclosure. However, if disassembly beyond the level of subassembly is performed some adjustments may be disturbed.

2.01 To remove the cover, lift it from the set.

2.02 To replace the cover, hold it over the set and fit the four rubber grommets into the slots.

SECTION 592-802-702

MOTOR UNIT

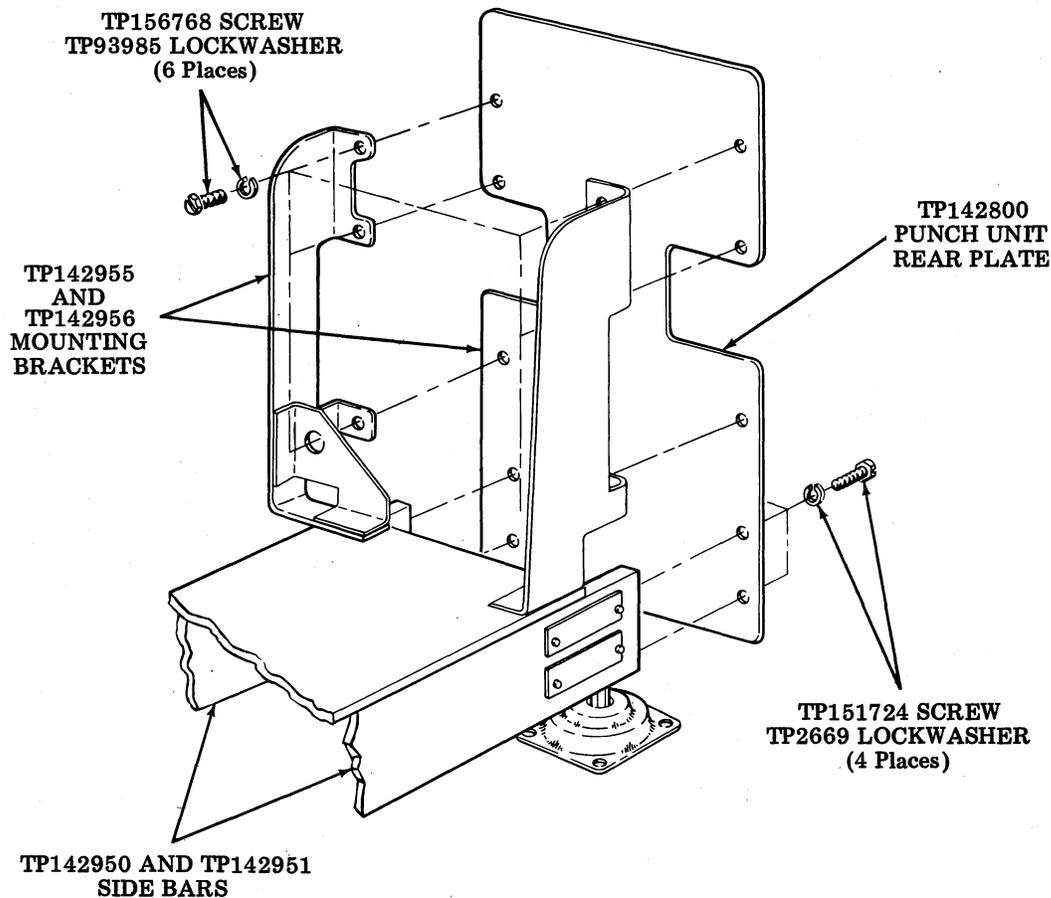
2.03 Disconnect the motor cable leads from the terminal board. Note position of hardware on the four motor mounting screws and then remove them. Lift motor from the base while disengaging the timing belt from the motor pulley.

2.04 To replace the motor unit, place the four mounting spacers over the screw holes in the baseplate and reverse the removal procedure.

PUNCH UNIT

2.05 Remove the chad disposal tube and timing belt. Disconnect the punch connector. Remove the six mounting screws that pass through the right and left rear brackets on the base into the rear plate of the punch unit and the four mounting screws that pass through the rear plate into the right and left side bars on the base (see figure). Pull punch forward to remove.

2.06 To remount punch, reverse procedure used to remove it. Refer to Section 592-802-700 to check adjustments or spring tensions suspected of going out of tolerance.



Rear Plate Mounting

PUNCH BLOCK MOUNTING PLATE ASSEMBLY

2.07 First remove the chad container. Then remove the punch unit cover by removing its four mounting screws. Remove the retaining ring from the stud at the left end of the feed link. Remove the tape cutter by removing its mounting screw. Remove the two screws that pass through the plate on the punch block into the front plate.

2.08 Remove the three mounting screws from the mounting plate. Move the mounting plate slightly to the left to disconnect the punch pins from the drag links. Pull the assembly forward slowly and disconnect the feed-pawl link from the stud on the feed link.

2.09 To replace the assembly, place it into position and connect the feed-pawl link on to the stud of the feed link. Make sure that the drag links properly engage the punch pins. Then reverse the procedure used to remove the assembly.

FEED AND PUNCH MAGNETS

2.10 To remove any group of magnets, remove the two mounting screws and lockwashers from the magnet bar. To remove any individual magnet assembly, remove the two mounting screws with hardware from the mounting plate.