

43 TELEPRINTER 5-LEVEL PAPER TAPE PUNCH ASSEMBLY
DISASSEMBLY/REASSEMBLY

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- 1.06 Disassembly of punch unit parts except the tape lid and chad chute will require removal of the punch and reader module from the set housing. Refer to 43 Teleprinter 5-Level Paper Tape Unit Disassembly/Reassembly, Section 574-504-720.
- 1.07 Disassembly of punch block and/or the punch magnet assemblies require removal of the punch unit from the center frame. See 43 Teleprinter 5-Level Paper Tape Unit Disassembly/Reassembly, Section 574-504-720.
- 1.08 After replacing punch parts, refer to the 43 Teleprinter 5-Level Paper Tape Unit Lubrication, Section 574-505-710 and lubricate any parts requiring lubrication.
- 1.09 When ordering replaceable parts or components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410055).

1. GENERAL

2. TOOLS REQUIRED

1.01 This section covers disassembly/reassembly procedures for the 43 Teleprinter 5-Level Paper Tape Punch Assembly.

2.01 The following tools may be required when performing the punch disassembly/reassembly procedures. Most of these items should normally be present in standard maintenance tool kits. See Section 570-005-800 for a complete listing of various hand tools available for maintaining Teletype Corporation equipment.

1.02 Whenever this section is reissued, the reason will be listed in this paragraph.

1.03 Although the punch is considered a field replaceable item, many troubles can be corrected by adjustments or by replacement of repair parts.

1.04 The extent of the disassembly procedure is limited to that which is required for correction of troubles or replacement of parts in field locations. When removing a subassembly or part from the punch, follow the removal procedure and note the sequence of removal to enable proper reassembly. For reassembly, reverse the procedure except where different instructions are given. Do not force or pry parts in the process of removal.

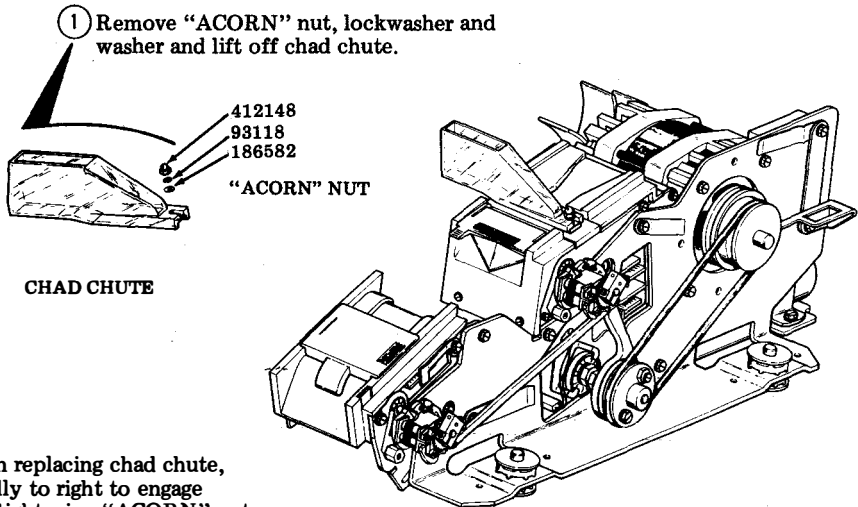
1.05 Reference in the procedures to left or right, up or down and top or bottom, etc, refer to the punch in its normal operating position.

<u>Part No.</u>	<u>Tools</u>
89954	Wrench, Assembly 1/4"
100982	Screwdriver w/Clip, 1/4" 6" blade
104457	Wrench, Hex Key (0.050)
124682	Wrench, Hex Key 1/16"
129534	Wrench, 3/16" x 1/4" Open End
129536	Wrench, 7/16" x 1/2" Open End
142554	Hook, Pull Spring
152835	Wrench, 5/16" x 3/8" Open End
159841	Wrench, Hex Key (0.093)

3. DISASSEMBLY/REASSEMBLY

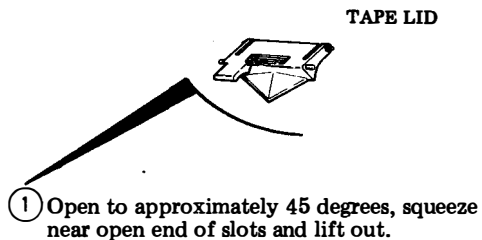
CHAD CHUTE

3.01 To remove the chad chute:



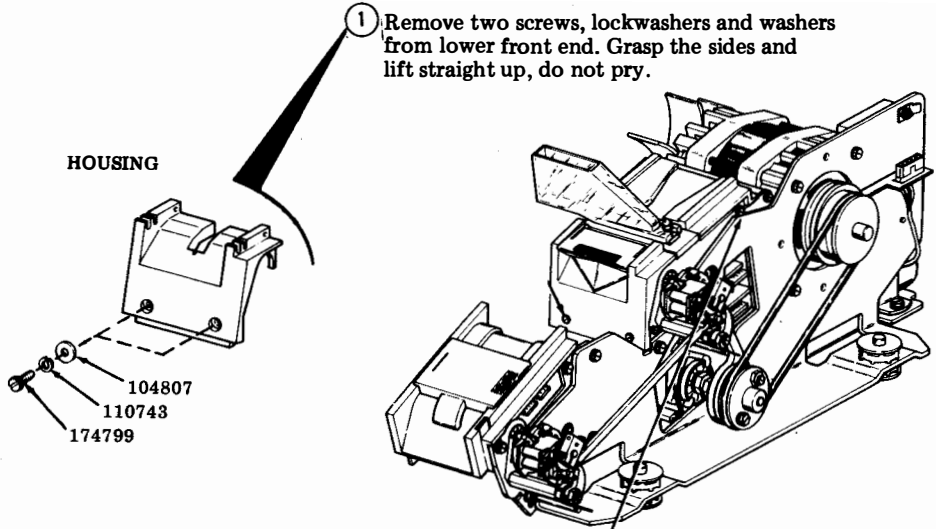
TAPE LID

3.02 To remove tape lid:



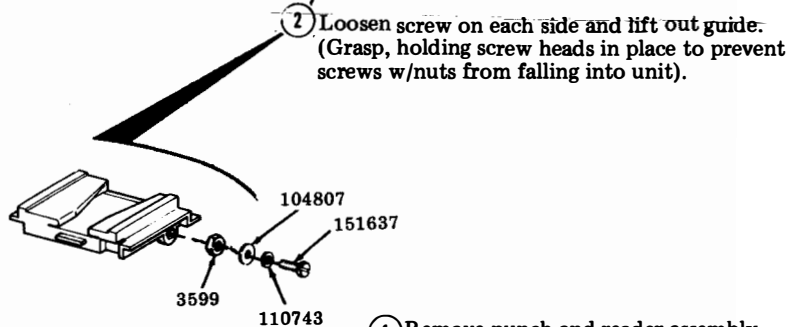
PUNCH HOUSING

3.03 To remove punch housing:



TAPE ENTRY GUIDE

3.04 To remove tape entry guide:



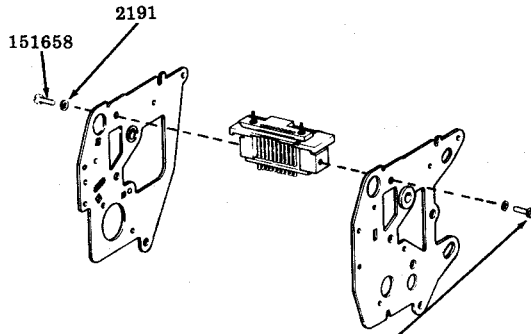
Note: When replacing guide it must be adjusted vertically to align with surface of cover. (See TAPE ENTRY GUIDE adjustment Section 574-505-700.

1 Remove punch and reader assembly from set housing. See Section 574-509-720.

PUNCH BLOCK

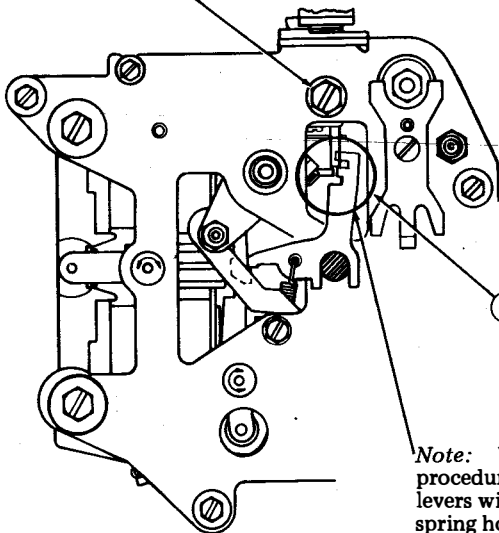
3.05 To remove punch block:

- ① Remove punch and reader assembly from set housing (see Section 574-504-720).
- ② Remove tape lid and housing, chad chute and tape entry guide (see 3.01, 3.02, 3.03 and 3.04 of this section).



- ③ Remove two screws and lockwashers.

PUNCH BLOCK
MOUNTING SCREW



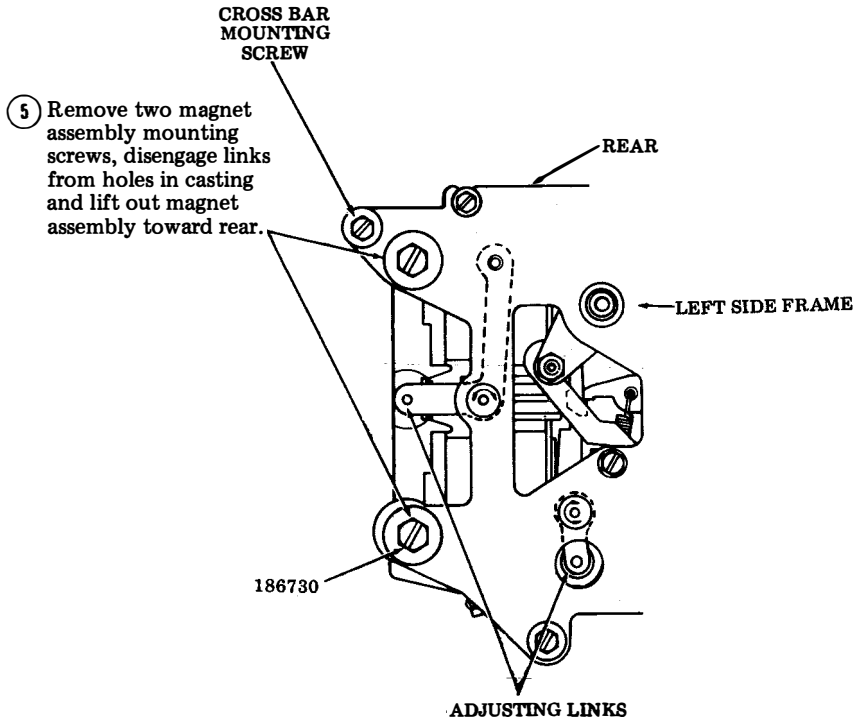
- ④ Grasp top of punch block, move lower end slightly toward rear to disengage lower end of punch pins from selector levers, and lift out.

Note: When replacing punch block, reverse the procedure, being careful to properly engage selector levers with lower end of punch pins (use tip of spring hook to move parts into engagement) before replacing housing.

PUNCH MAGNET

3.06 To remove the punch magnet assembly:

- ① Remove punch and reader assembly from the set housing. See Section 574-504-720.
- ② Remove punch from center frame and place on bench. See Section 574-504-720.
- ③ Remove tape entry guide (see 3.04, ②).
- ④ Remove the 412145 top rear cross bar.



Note: When replacing magnet assembly, use rubber bands, or other means, to hold armatures in engaged position, separated by nylon finger guides.

After installing the magnet assembly, the punch MAGNET BANK POSITION adjustment must be made. See Section 574-505-700.