

BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

SECTION P34.414
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AT&T Co Standard

28E AND 28H-TYPE TRANSMITTER-DISTRIBUTOR UNITS DISASSEMBLY AND REASSEMBLY ROUTINES

1. GENERAL

1.01 The disassembly procedures presented in this section will separate the 28E or 28H-type transmitter-distributor unit into its major subassemblies and should be followed in the sequence in which they are given. Teletype Parts Bulletin 1161B shows the complete disassembly of the 28E and 28H-type transmitter-distributor units and includes illustrations of the parts referred to below.

1.02 For general instructions relating to the disassembly of teletypewriter apparatus, refer to the section entitled Teletypewriter Apparatus, Disassembly and Reassembly, General Information and Routines.

1.03 To reassemble, reverse the disassembly procedures. Where additional information is required, a **REASSEMBLY NOTE** is added.

1.04 The various covers and cover plates may be removed for inspection and minor repair of the unit. A complete disassembly, however, will necessitate the removal of the unit from its subbase to disconnect the power and facilitate further disassembly.

2. DISASSEMBLY

2.01 **Front (Snap) Panel:** To remove the front panel, pull outward on the lower right and left rear corner of the panel and slide the panel toward the front.

REASSEMBLY NOTE

(1) To replace the front panel, mate the slide on the frame and push toward the rear.

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- 2.02 **Cover Plate:** Lift the left end upward and slide the plate toward the left to disengage the spring clip.
- 2.03 **Top Plate:** Loosen the front and rear mounting screws and lift the plate upward.

REASSEMBLY NOTE

- (1) To replace the top plate, guide the mounting screws into the respective notches of the front and rear plates. Align the sensing pins and feed wheel with their respective slots. If the plates do not align, refer to the section on requirements and adjustments of the 28E and 28H-type transmitter-distributor units.
- 2.04 **Tape-guide Plate:** Loosen the front and rear mounting screws and slide the plate upward.

REASSEMBLY NOTE

- (1) To replace the tape-guide plate, guide the mounting screws into the respective notches of the front and rear plates while guiding the tape-out pin into its notch and locating the sensing pins against the left edge of the tape-guide plate. For adjusting procedures, refer to section on requirements and adjustments of the 28E and 28H-type transmitter-distributor units.
- 2.05 **Oil Reservoir:** Remove the screws that secure the casting and lift the assembly upward and toward the right.
- 2.06 **Rear-plate Assembly**
- (1) Remove cable-assembly leads from start-stop contact assembly and magnet assembly.
 - (2) Remove right rear and left front nuts and lockwashers from bottom (square) post.
 - (3) Remove the bearing retainer.
 - (4) Remove screws securing plate to the post between the rear plate and the center plate.
 - (5) Remove the two screws which secure the clutch-trip magnet to the rear plate and remove clutch-trip magnet assembly.
 - (6) Remove rear-plate assembly from the remainder of the unit.
- 2.07 **Main-shaft Assembly**
- (1) Remove the clamp and plate from the front-plate assembly.
 - (2) Remove the main-shaft assembly.

2.08 Center-plate Assembly

- (1) Remove the post between the center plate and the rear plate.
- (2) Remove the two nuts which secure the center plate to the two guide posts.
- (3) Remove the latch spring.
- (4) Remove the center-plate assembly.

3. ASSOCIATED BELL SYSTEM PRACTICES

3.01 The following Bell System Practices provide additional information that may be required in connection with this section.

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Teletypewriter Apparatus, General Requirements and Procedures	P30.012
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