

BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

SECTION P34.406
Issue 1, August, 1960
AT&T Co Standard

28 ELECTRICAL SERVICE UNIT

DISASSEMBLY AND REASSEMBLY ROUTINES

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1. GENERAL

1.01 This section contains specific routines for removing a 28 electrical service unit from its associated teletypewriter apparatus, and where necessary, provides detailed reassembly information. The material herein, together with that in the section entitled Teletypewriter Apparatus, Disassembly and Reassembly, General Information and Routines, gives the complete disassembly and reassembly procedures necessary for maintenance of the 28 electrical service unit.

1.02 The 28 electrical service unit may safely be turned upside down for servicing by removing the studs at each end of the electrical service unit. In this position, the four uprights of the unit serve as legs on which the unit may be placed for maintenance.

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2. DISASSEMBLY AND REASSEMBLY

2.01 Removal of 28 Electrical Service Unit from 28 Automatic Send-Receive Set (28 ASR)

- (1) Disconnect all plug and receptacle connections between the 28 electrical service unit and the other components of the 28 automatic send-receive set.
- (2) Remove the 28 perforator-transmitter-base.
- (3) Remove the 82 typing unit in accordance with the section entitled 28 Typing Unit, Disassembly and Reassembly Routines.
- (4) Remove the wires from the terminal blocks.
- (5) Remove the power-control switch assembly and the line-test-key switch assembly.
- (6) Remove the studs at the left and right ends of the electrical service unit.
- (7) Remove the electrical service unit.

2.02 Removal of 28 Electrical Service Unit from 28 Teletypewriter Cabinet Which Houses 28 Teletypewriter of Keyboard Send-Receive Design (28 KSR) or Receive-only Design (28 RO)

- (1) Disconnect all plug and receptacle connections between the 28 electrical service unit and the other components of the 28 teletypewriter.
- (2) Remove the 28 teletypewriter base (KSR or RO) and the 28 typing unit in accordance with the sections giving the disassembly and reassembly routines for these items.
- (3) Remove the wires from the terminal blocks.
- (4) Remove the studs at the left and right ends of the electrical service unit.
- (5) Remove the electrical service unit.

Note: The electrical service unit may be turned upside down by tipping the teletypewriter base and typing unit (if present) forward to the maintenance position and removing the studs at each end of the electrical service unit. The typing unit and teletypewriter base may be removed to provide better access if required.

2.03 Removal of 28 Electrical Service Unit from 28 Typing-reperforator Set

- (1) Open the panel on the table.
- (2) Disconnect all plug and receptacle connections between the 28 electrical service unit and the other components of the 28 typing-reperforator set.

- (3) Disconnect the signal-line leads from the terminal block.
- (4) Remove the keeper from the cable clamp and remove the cable from the clamp. Thread the cable down through the hole in the table.
- (5) Remove the studs from the left and right ends of the electrical service unit.
- (6) Remove the electrical service unit.

Note: For most servicing purposes, the electrical service unit need not be removed from the typing-reperforator set, but may be pulled forward and placed on the open panel for servicing.

3. ASSOCIATED BELL SYSTEM PRACTICES

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

Subject	Section
General Information and Routines for Disassembling and Reassembling Teletypewriter Apparatus	P30.013
General Requirements and Adjusting Procedures for Teletypewriter Apparatus	P30.012
Preparation of Teletypewriter Apparatus for Installation	P33.014
Specific Requirements and Adjusting Procedures for Teletypewriter Apparatus	P10.200
Teletypewriter Tools and Maintenance Supplies	P30.301
28 Teletypewriter (KSR and RO), Disassembly and Reassembly Routines	P34.401
28 Teletypewriter Apparatus, Index of Associated Bell System Practices	P34.001 (When Issued)

