

28 ELECTRICAL SERVICE UNIT
DISASSEMBLY AND REASSEMBLY

1. GENERAL

1.01 This section contains specific routines for removing a 28 electrical service unit from its associated teletypewriter apparatus. Where necessary, it provides detailed reassembly information. For additional information refer to the general disassembly and reassembly sections.

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.

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 28 typing unit in accordance with the section covering disassembly and reassembly of the 28 typing unit.
- (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 used with 28 Keyboard Send-Receive (28 KSR) or Receive-only (28 RO) Teletypewriter:

- (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.