

This material is for use of Bell System employees only, and for Bell System purposes only, and its distribution is in no sense to be considered a publication. Neither the material in its entirety nor any portion thereof is to be reproduced in any form without the written permission of the Teletype Corporation.
Printed in U. S. A.

BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

ADDENDUM P34.415
Issue 1

28F, 28G, 28G-1, AND 28LA

TRANSMITTER-DISTRIBUTOR UNITS

DISASSEMBLY AND REASSEMBLY ROUTINES

1. GENERAL

1.001 This addendum supplements Section P34.415, Issue 1.

1.002 This addendum is issued to include the disassembly and reassembly instructions for the 28LA transmitter-distributor unit and to change the title of the section accordingly.

The following change applies to Part 1 of the section:

(a) 1.01—revised

1.01 This section contains the specific disassembly instructions for the 28F, 28G, 28G-1, and 28LA transmitter-distributor units.

2. DISASSEMBLY AND REASSEMBLY

The following changes apply to Part 2 of the section:

(a) 2.04.1—added paragraph

(b) 2.05, 2.06, and 2.10—revised

(c) 2.10.1—added paragraph

(d) 2.11, 2.13(1), and 2.17—revised

2.04.1 To Remove the Transmitter-Distributor Unit from Its Base

(1) Disconnect the cable connectors if the unit is so equipped.

(2) Remove the two left mounting screws and the one right mounting screw.

28F, 28G, 28G-1, AND 28LA

ADDENDUM
P34.415

TRANS-
MITTER
DISTRIB-
UTOR
UNITS

- (3) Lift the unit upwards to disengage the driving gear.
- (4) Remove the transmitter-distributor unit from its base.

2.05 Oil Reservoir

- (1) Remove the transmitter-distributor unit from its base as specified in 2.04.1.
- (2) Remove the four screws that secure the crossbar to the front and rear plates.
- (3) Unhook the springs attached to the underside of the crossbar.
- (4) Lift the oil reservoir upwards and remove from the transmitter-distributor unit.

2.06 Distributor Block Assembly

- (1) **On units with a cable connector on the rear plate,** remove the nuts that secure the connector to the plate, remove the three screws that secure the assembly, and lift out the assembly.
- (2) **On units with cable terminations at the connector** on the bottom of the casting, remove the three screws that secure the assembly, and lift out the assembly far enough to permit servicing.

Reassembly Note: Check, and if necessary remake, the distributor block assembly adjustments as specified in the section containing the requirements and adjustments for the 28F, 28G, 28G-1, and 28LA transmitter-distributor units.

2.10 Feed Wheel (On Units Equipped with One Feed Wheel)

- (1) To remove the feed wheel, back off the nut that secures the cantilever post sufficiently to raise the post and slide the feed wheel off.

2.10.1 Feed Wheels (On Units Equipped with Two Feed Wheels)

- (1) **Lower Feed Wheel:** To remove the lower feed wheel, proceed as specified in 2.10(1).
- (2) **Upper Feed Wheel:** To remove the upper feed wheel, proceed as follows:
 - (a) **Side-plate-mounted Feed Wheel:** Remove the upper, front side plate. Remove the drive screw, slide out the feed-wheel shaft, and remove the feed wheel.
 - (b) **Top-plate-mounted Feed Wheel:** Remove the top plate together with the feed wheel, bearings, and the run-out solenoid. Remove the front feed-wheel bearing and drive screw, and slide out the feed-wheel shaft. Remove the feed wheel, being careful not to

break or damage the electrical connections to the solenoid.

Reassembly Note: After reinstalling the upper feed wheel, check, and if necessary remake, the upper feed-wheel adjustments as specified in the section containing the requirements and adjustments for the 28F, 28G, 28G-1, and 28LA transmitter-distributor units.

2.11 Storing Switch Assembly

- (1) If the unit is equipped with a cable connector, remove the two screws that secure the connector to the bracket beneath the casting.
- (2) Remove the four mounting screws that secure the storing switch assembly to the main casting.
- (3) Withdraw the storing switch assembly as far as possible to permit servicing.

Caution: Observe care in handling so as not to damage the slide projections.

Reassembly Note: When reinstalling the storing switch assembly, replace the left front screw first and position the assembly about this pivot to align the slides. Check, and if necessary remake, the storing switch assembly adjustments as specified in the section containing the requirements and adjustments for the 28F, 28G, 28G-1, and 28LA transmitter-distributor units.

2.13 Sensing Pins

- (1) Remove tape-guide plate, spring bracket, sensing-finger guide, and storing switch assembly.

2.17 Clutch-trip Assembly

- (1) Remove the mounting screws and nuts.
- (2) **On units where the wiring is not long enough**, remove the electrical connector mounting screws, and remove the assembly with the connector, switches, and associated cabling.
- (3) **On units where the wiring is long enough** to permit most servicing, the electrical connections need not be disturbed; however, if necessary, unsolder the leads at the magnet coils.

3. REFERENCE TO BELL SYSTEM PRACTICES

The following change applies to Part 3 of the section:

- (a) 3.01—revised P34.001 subject heading

P34.001—Alphabetical Index of 28-type Equipment, Bell System Practices, and Associated 28 ASR Station Drawings.

28F, 28G, 28G-1, AND 28LA

ADDENDUM TRANS-
P34.415 MITTER
 DISTRIB-
Page 3 UTOR
 UNIT