

MODIFICATION OF COIN COLLECTORS TO ADD D-180120 KIT OF PARTS

1. GENERAL

1.01 This section provides identification and installation information for field modification of the backplate assembly of certain coin collectors to prevent fraudulent operation of the coin relay.

1.02 This section is reissued to:

- Change kit number from D-180010 to D-180120.
- Make reference to D-180121 kit.

1.03 The D-180010 modification kit has been rated Manufacture Discontinued (MD) and is not available for ordering.

1.04 This modification can be performed on the following coin collectors:

| | | |
|---------|---------|------|
| 191 GNT | 196 GNT | 233G |
| 191 HNT | 196 HNT | 233H |
| 195 GNT | 197 GNT | 234G |
| 195 HNT | 197 HNT | |



Only the backplate assembly is to be modified in the field. The upper housings will be modified in the distributing houses with D-180121 kit. The modified upper housings will be identified by a red star after the code number. ←

2. IDENTIFICATION

2.01 The D-180120 kit to be installed in the field consists of P-29E307 ringer assembly, P-29E309 bracket assembly, and P-29E304 terminal board (Fig. 1). ←

3. INSTALLATION

3.01 Modification of backplate assembly (Fig. 2):

- (1) Disconnect (BK), (W), and (R) handset leads and (Y) strap from T and TR terminals at terminal plate at top of backplate.
- (2) Replace terminal plate assembly at top of backplate with P-29E307 ringer assembly supplied with kit. Use mounting screws from replaced terminal plate assembly.
- (3) Remove and discard BKX transfer spring at right of coin relay. Retain mounting screw.
- (4) Remove and retain equalizing spring, cord clamp, and associated fastener.
- (5) Add P-29E309 bracket assembly to backplate. Fasten bottom of bracket with screw from BKX transfer spring at tapped hole used for BKX transfer spring mounting.
- (6) At top of bracket, assemble in order, equalizing spring, cord clamp, and P-29E304 terminal board (A-B terminals) and fasten with screw previously used.
- (7) Run (BK) and (R) leads of ringer through Tinnerman cord guide to P-29E304 terminal board. Connect (BK) ringer lead to A and (R) lead to B.
- (8) Connect (BK) and (W) handset leads and (W) connector lead (via cord guide) to TR terminal.
- (9) Connect (R) handset lead, (Y) strap, and (R) connector lead (via cord guide) to T terminal.
- (10) Connect (Y) connector lead to SL terminal of switch hook assembly.

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- (11) Disconnect (BK) strap between switch hook assembly terminals BB and BBX. Connect this strap from terminal A on terminal board to terminal Y on switch hook assembly.
- (12) Connect (G) connector lead to switch hook assembly terminal BBX.
- (13) Connect (V) connector lead to terminal B on terminal board.
- (14) Connect connector leads (V-BR) or (BL) and (O) to terminal R on switch hook assembly.

- (15) Connect (V-S) or (BK) connector lead to terminal 2 of coin relay.
- (16) To place set in operation connect tip wire to terminal R on switch hook assembly, ring wire to terminal Y on switch hook assembly, and ground wire to terminal G on coin relay. Insert plug connector of upper housing into connector on backplate and assemble housing to collector.
- (17) Make operating test of collector to check continuity, coin handling, and ringing operation.

3.02 A schematic of the coin collectors after modification listed in 1.04 is shown in Fig. 3.

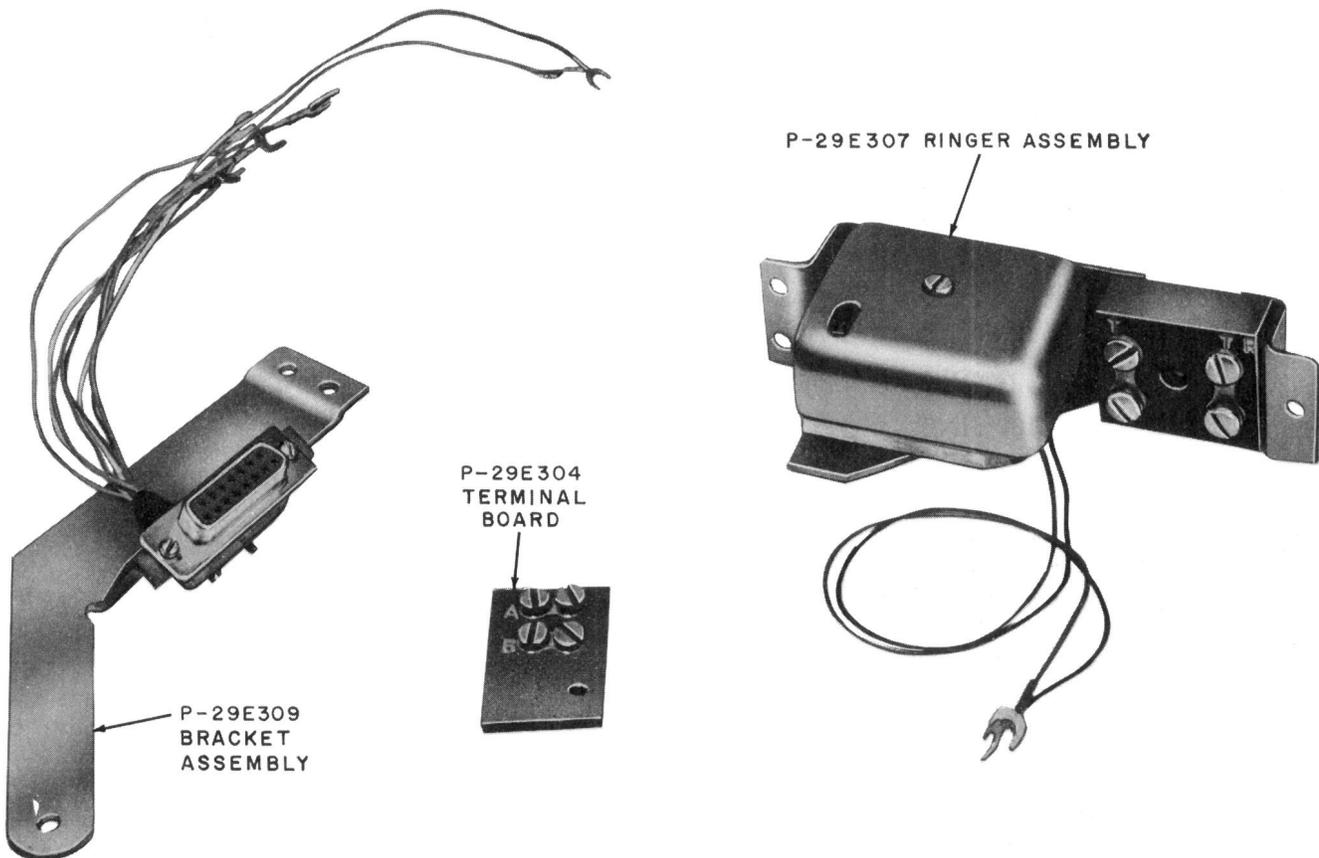


Fig. 1 — D-180120 Kit For Modification of Blackplate Assembly

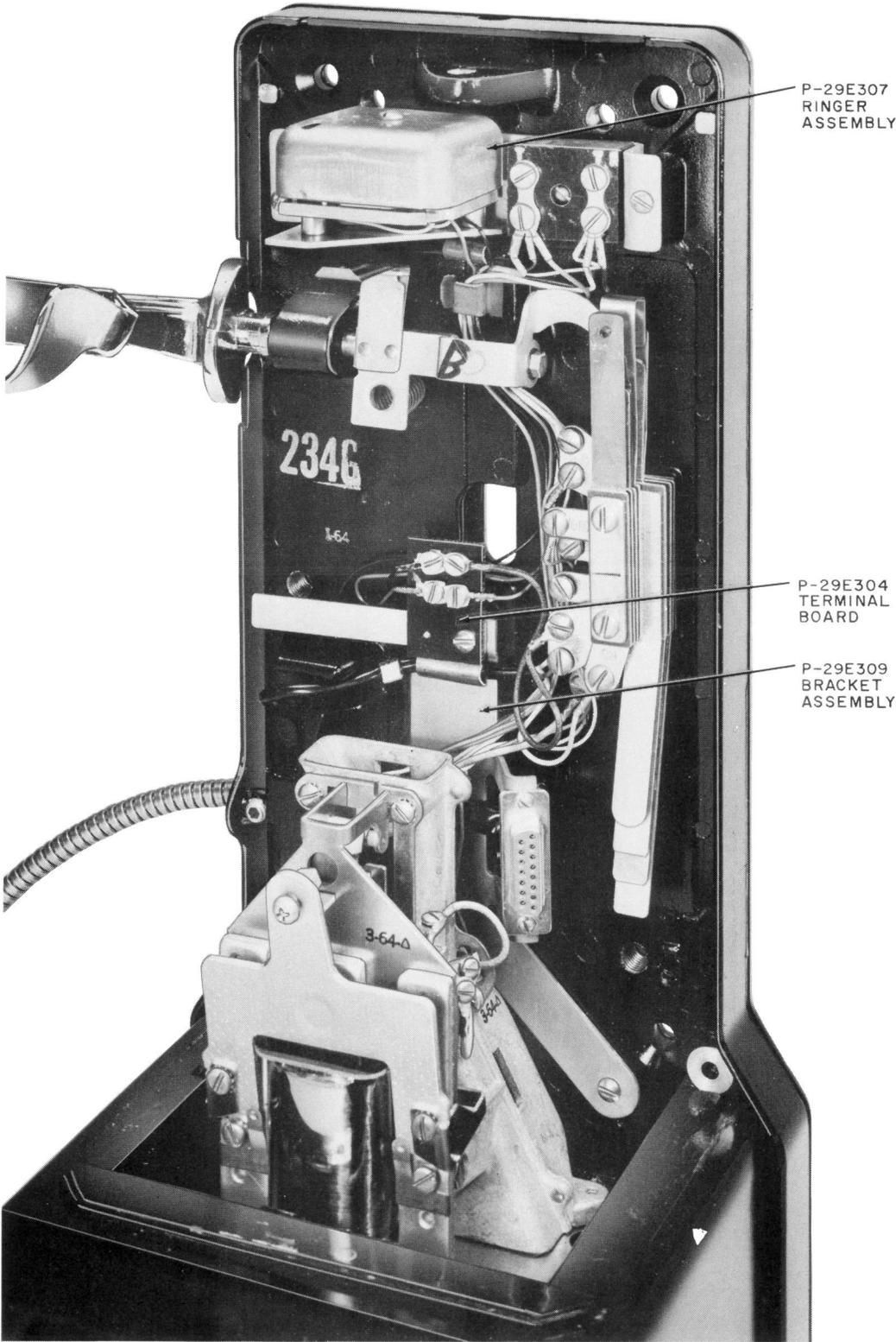


Fig. 2 — Backplate Assembly With D-180120 Kit

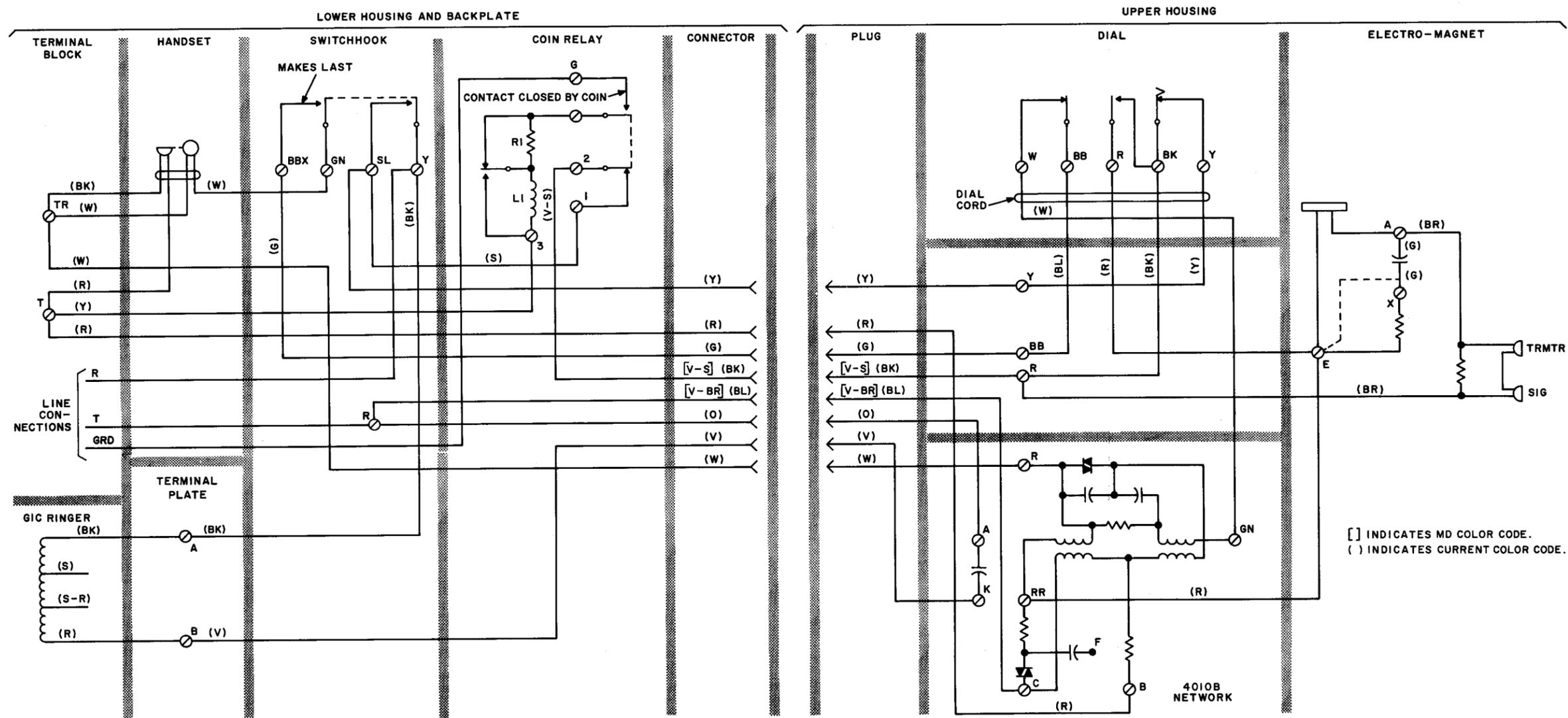


Fig. 3 - Connections - Coin Collector With D-180120 Kit Installed

Note: No p. 4
in original