

BELL SYSTEM PRACTICES
Station Installation and Maintenance

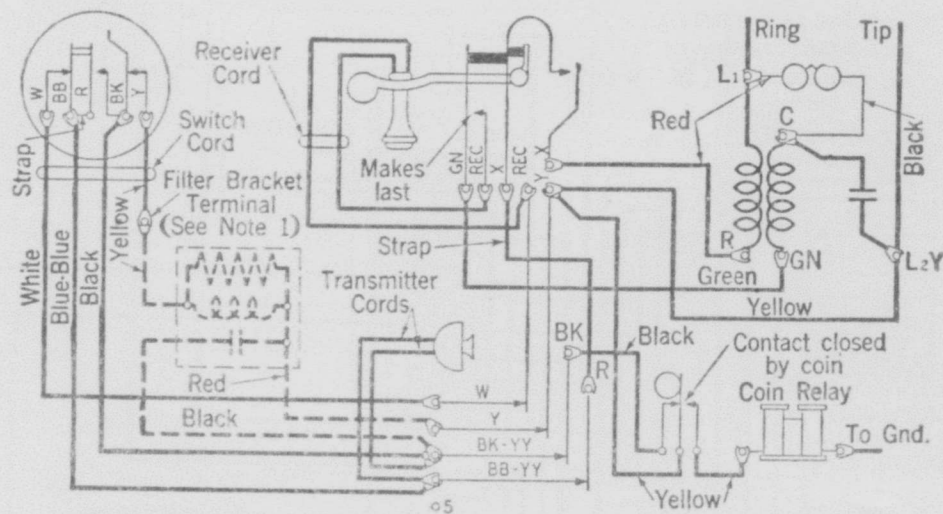
SECTION C64.232
Issue 3, 8-1-45
AT&T Co Standard

PREPAYMENT COIN COLLECTORS
MULTI-SLOT TYPES WITH DIAL
SHORT-CIRCUITING DEVICE
CONNECTIONS

1. GENERAL

1.01 This section covers the connections for the D-96589, D-96719, D-159603 and D-159604 coin collectors. It is reissued to add connections for local battery talking, common-battery signaling service.

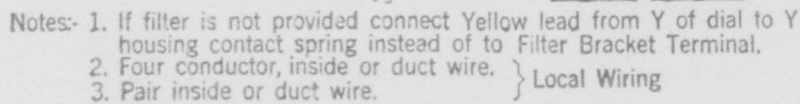
2. COMMON BATTERY STATIONS—CONNECTIONS



- Notes: 1. If filter is not provided connect Yellow lead from Y of dial to Y housing contact spring instead of to Filter Bracket Terminal.
2. For sidetone reduction reverse tip and ring and red and yellow local wiring leads at subscriber set, also red and black ringer leads.

Fig. 1—D-159603 or D-159604 Coin Collector—Sidetone Connections

Fig. 2—D-96589 or D-96719 Coin Collector—Sidetone Connections



The diagram illustrates the electrical circuit for a coin-operated telephone. Key components include:

- To Line:** The incoming power source.
- Transformer:** Consists of primary windings L_1 and L_2 , and secondary windings R and C . It includes a capacitor labeled $2MF$.
- Filter Bracket:** A 61F Filter used to filter the AC signal.
- Coin Relay:** A relay that controls the circuit based on coin insertion. Its contact is closed by a coin.
- Receiver Cord:** Connects the receiver to the main circuit.
- Switch Cord:** Connects the switch to the main circuit.
- Trans. Cords:** Transformer cords connected to the filter bracket.

The wiring is color-coded as follows:

- Red:** Common ground or return path.
- Black:** Ground or common return.
- Green:** Ground or common return.
- Yellow:** Signal or control line.
- Blue:** Signal or control line.
- White:** Signal or control line.
- Dbl. Blue:** Double blue wire, likely for a specific function.
- BK:** Black wire.
- BB:** Blue-black wire.
- Y:** Yellow wire.
- GN:** Green wire.
- REC:** Receiver cord.
- X:** Extension or other component.
- G:** Ground.

A note states: "Contact closed by coin" pointing to the Coin Relay. Another note says "Makes last" near the top right. A final note at the bottom right says "50" near the Trans. Cords.

In No. 50 Type upper housings these terminals are designated W, Y, YY, BB and BK-YY respectively.

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3. LOCAL BATTERY TALKING, COMMON BATTERY SIGNALING STATIONS—CONNECTIONS

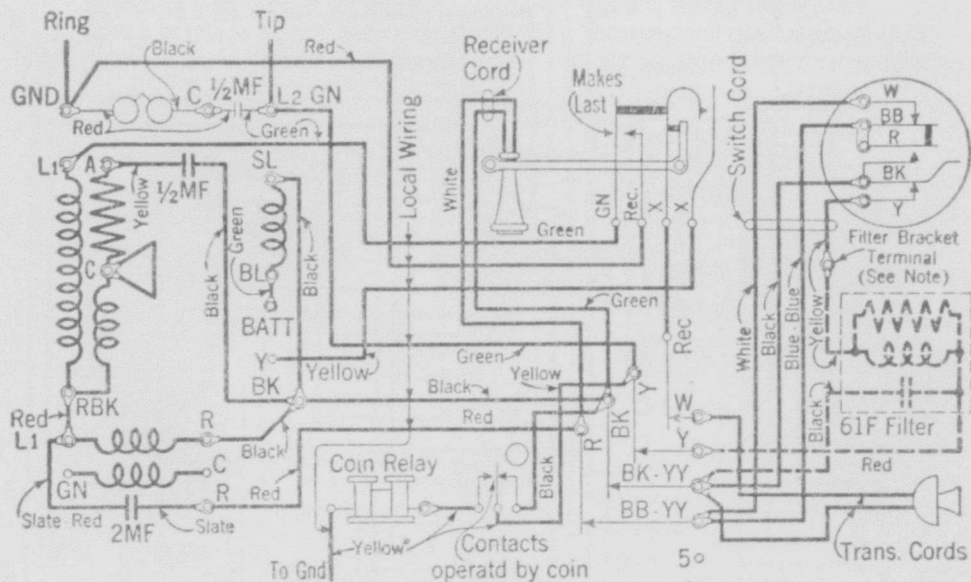


Fig. 5—D-159603 or D-159604 Coin Collector—Anti-Sidetone Connections