

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C64.256
Issue 1, October, 1953
AT&T Co Provisional

COIN COLLECTORS

MULTISLOT TYPES

INSTALLATION TESTS

1. GENERAL

1.01 This section covers procedures to be followed after installation of a coin collector. Steps for the testing procedures shall be followed in numerical sequence.

1.02 This section replaces, in part, Sections C64.223, C64.224, C64.225, C64.226, and C64.227.

1.03 For detailed information on "Maintenance", refer to Section C42.144, paragraph numbers of which are shown in parentheses in this section.

2. GENERAL TESTS

2.01 **Trap and Vane Release** (5.02, 5.03): 147A gauge and tongue depressor (657A tool). Both sides of relay. If mechanism does not restore:

- (a) Shim backboard.
- (b) Equalize fastenings in back plate.
- (c) Replace coin collector as required.

2.02 **Bias Margin** (5.04, 5.05): 146A gauge. Both sides of relay. Trip trigger, operate electrically. Trigger shall restore. If no relay operation or trigger restoral:

- (a) Remove magnetic particles (5.14b).
- (b) Replace relay or coin collector if required.

2.03 **Coin Chute Operation and Refund** (6.01, 6.02): Upper housing in place.

- (a) Coin channels clear.
- (b) Operation of latches (10¢).
- (c) Operation of relay and hopper.

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- 2.04 **Housing Crossed With Station Wiring (Ungrounded Coin Collectors)** (6.03, 6.04): Temporary wire through coin return to ground. Replace upper housing. Switchhook up and switchhook down. If clicks heard in hand test set:
- (a) Correct defects in station wiring.
 - (b) Replace coin collector.
- 2.05 **Ground or Power on Booth Lining (Ungrounded Booths)** (6.05, 6.06): Upper housing off. Clip onto battery side of line. Touch linings.
- (a) If click is heard, booth is grounded. BX or local wiring may be touching lining.
 - (b) If loud 60-cycle hum is heard, booth is crossed with power. Defective BX or light switch.
- 2.06 **Station Tests** (6.08, 6.09)
- (a) Noise or cutouts. Move upper housing and transmitter (receiver-transmitter type).
 - (b) Clean or adjust housing contact springs and equalizing spring.
 - (c) Replace noisy cords.
- 2.07 **Coin Signals** (6.07): If operator does not identify signals correctly, replace upper housing or coin collector.

3. ADDITIONAL TESTS

- 3.01 **Dial Shorting** (7.02 to 7.05): Dial shorting contact shall shunt dial. If not, replace relay.
- 3.02 **Long Loop** (8.02): Check S36 relay operation.
- 3.03 **Dial Postpayment (CDO)** (11.02 to 11.10)
- (a) **Trap** shall operate freely. If not, replace coin collector.
 - (b) Omit **cross with wiring** check unless station ground is available or cross is suspected.
 - (c) Check **operation of latches** (10¢)—Use 529A tool.
 - (d) **Electromagnet arm** shall move into channel on operator calls (10¢).
- 3.04 **Manual Postpayment** (5¢) (12.02 to 12.04)
- (a) Cross with wiring: Standard test.
 - (b) Coin Signals: Use 529A tool.