

BELL SYSTEM PRACTICES ADDENDUM C42.111
Station Installation and Maintenance Issue 1, September, 1954
AT&T Co Standard

COIN COLLECTORS

MULTISLOT TYPES

INSTALLATION

1. GENERAL

1.01 This addendum supplements Section C42.111, Issue 3. It is issued to make certain revisions and to bring the information up to date. Marginal arrows to indicate changes in text have been omitted.

2. SUPPLIES

2.01 Revised to read: The principal supplies needed in connection with the installation of multislot type coin collectors are listed below. The list does not include minor items such as ground clamps, connecting blocks, wire fasteners, tape, etc., which are needed in connection with practically all station installation work. The principal apparatus items required are listed in the section covering supplies.

| <u>Index</u> | <u>Ordering Information and Description</u> |
|--------------|--|
| Anchor | Anchor, Drive, Hammer, 5/16 in. x 2-1/4 in. For mounting backboards to unfinished masonry walls. |
| | Anchor, Drive, Hammer, 5/16 in. x 2-3/4 in. For mounting backboards to finished masonry walls. |
| | Anchor, Screw, Machine, 1/4 in. For attaching the 139A backboard to masonry or marble surfaces. |

| <u>Index</u> | <u>Ordering Information and Description</u> |
|---|--|
| Bolts | Bolt, Step, 1/4—20 x 1-3/4 in. For mounting backboards on walls of contractor shanties, etc., 1/4—20 hexagon nuts for use with these bolts must be ordered separately. |
| | Bolt, Carriage, 1/4 in. x 8 in.—Threaded 4 in. Or approved equivalent. For mounting backboards on plaster block walls. |
| | Bolt, Toggle, RH, 1/4 in. x 4 in. For mounting 144C backboard on hollow tile walls. |
| Brace | Brace, Corner, Iron For securing counters, shelves, etc. as covered in 4.09. |
| Clamp | P-13A963, Clamp Hairpin-type cotter for coin relay shield. |
| Nut | Nut, Hexagon, Steel, 1/4—20 Used with the 1/4—20 step bolts. |
| Screws | Screw, Wood, Bright, FH, 14, 1 in. |
| | Screw, Wood, Bright, FH, 14, 1-1/4 in. |
| | Screw, Wood, Bright, FH, 14, 1-3/4 in. |
| | Screw, Wood, Bright, FH, 14, 2-1/2 in. |
| | Screw, Wood, Bright, FH, 14, 3 in. |
| | Screw, Wood, Bright, FH, 14, 3-1/2 in. For fastening backboards to various surfaces as covered in Part 4 of this practice. |
| | Screw, Machine, Iron, FH, 1/4—20 x 1-1/2 in. For attaching the 139A backboard to masonry or marble surfaces. Used with 1/4-in. machine screw anchors. |
| | P-201135 Screw 15/32-in. RH slotless machine screw. |
| | P-243217 Screw 11/32-in. RH slotless machine screw. |
| P-249546 Screw 13/32-in. RH slotless machine screw. For attaching the coin gauge guard to the coin collector. | |
| Shield | P-16A336, Shield For coin relay. |
| | P-349486, Shield For coin relay. |

4. MOUNTING

4.22 Fig. 15 revised to read: Use 5/16" x 2-1/4" hammer drive anchors through holes B.

Fig. 16 revised to read: Use 5/16" x 2-3/4" hammer drive anchors through holes B. Use 3/8" twist drill through sheath and wood, then drill masonry with 5/16" masonry drill.

4.24 Revised to read: **On 139A backboards** mount the coin collector with the **P-210249 screws** (1/4—20 by 5/8-inch FH machine screws) furnished with the backboard. Place four screws in the backplate of the coin collector and four in the rear of the coin compartment, if open. Where there is a hole in the bottom of the coin collector, place an additional screw through this hole into the base of the backboard. If the coin compartment is closed the four or five screws required in the compartment will be added later by the collector.

4.26 Revised to read: **On 167-type backboards** fasten coin collectors with the **P-210235 screws** (1/4—20 by 1-inch FH machine screws) furnished with the backboards. If the coin compartment is open, place four screws in the coin compartment and two in the top holes of the coin collector backplate. If the coin compartment is closed, place four screws in the coin collector backplate. The four screws needed in the coin compartment will be added later by the collector.

5. WIRING

5.06 Revised to read: With a few exceptions, the following **general rules** apply to the termination of wiring at coin collector stations:

- (a) At **nonhandset**-type coin collectors not equipped with an L1 terminal, run the **tip** and **ring** conductors to the subscriber set and run **quad wire** between the coin collector and the subscriber set.
- (b) At **nonhandset**-type coin collectors equipped with an L1 terminal, run the **tip** and **ring** conductors to the coin collector and the associated wiring to the subscriber set.
- (c) On **handset**-type coin collectors with the induction coil in the lower housing, run the **tip** and **ring** conductors to the coin collector and then to the subscriber set.
- (d) The **ground** conductor should be run to the coin relay unless otherwise specified on the connections drawing.

8. SHIELD

8.01 Revised to read: The coin relay is protected by a relay shield which may be either a fibre shield coded KS-7994 or a **P-349486 molded plastic shield**. On coin collectors equipped with a D-95365 contact device, a **P-16A336 plastic shield** should be used. The plastic shields are held in place by exerting slight pressure on the shield near the coin relay pivot screw, and inserting a **P-13A963 clamp** between the shield and the head of the pivot screw. The clamp is supplied with the shield and should not be used with the KS-7994 fibre shield.