

COIN COLLECTORS

IDENTIFICATION AND ASSEMBLY OF PARTS

(INSTALLATION METHODS FOR THE G3R AND F1L HAND SETS)

1.00 INTRODUCTION

This section describes the field installation methods to be used in installing G3R and F1L hand sets equipped with armored cords.

2.00 GENERAL

- 2.01 The G1G and F1K hand sets equipped with neoprene-jacketed armored cords are replaced with the G3R and F1L hand sets respectively.
- 2.02 The G3R and F1L hand sets are equipped with a PVC jacketed cord having an outer covering of stainless steel flexible hose. The transmitter and receiver caps are cemented to the handset handle.
- 2.03 The G3R and F1L hand sets are for use on all coin collectors to give additional handset protection against vandalism.
- 2.04 The G3R hand set is available in black (-3), moss green (-51), and light beige (-60). The F1L is available in black (-3) only.
- 2.05 For maintenance of these handsets see section entitled Handsets - Connections and Maintenance.
- 2.06 All new coin collectors and all 200-type reissued coin collectors will be equipped with the G3R hand set (Fig. 1).

3.00 HANDSET INSTALLATION

Use the following procedures to equip existing coin collectors in the field with G3R or F1L hand sets (Fig. 1):

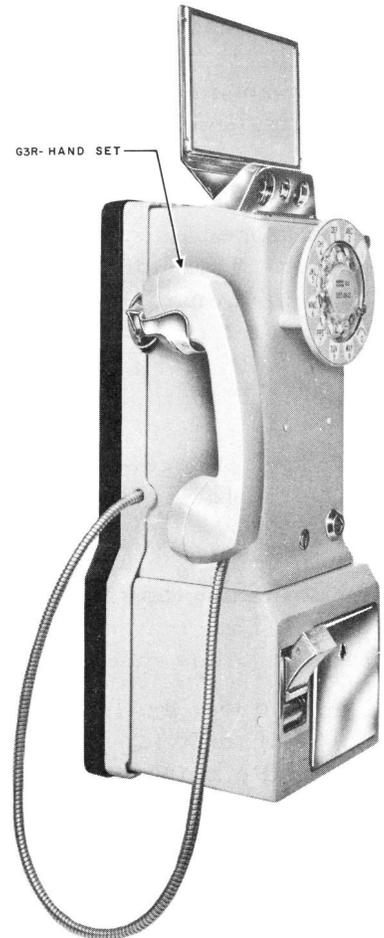


Fig. 1 - 233-Type Coin Collector
Equipped with G3R Hand Set

1. Obtain the proper handset for the type coin collector to be modified. See section entitled Coin Collectors- Identification And Assembly Of Parts.
2. Remove the upper housing from the coin collector.
3. Disconnect the handset cord conductors and cord fasteners from the coin collector. Before removing old cord from the cord entrance hole it is recommended a pull wire or equivalent be attached to the old cord as it is being removed. This will aid in pulling in new cord.



Cover the coin relay, hopper, and return chute with a piece of plastic, cloth, or other suitable material to prevent metal drill shavings from falling into these mechanisms.

4. Using a small center punch and hammer, mark hole to be drilled and tapped in the coin collector backplate. This hole is to be located in the cord entrance tube halfway between the outer beveled edge of the coin collector and the left edge of the cord chamber (Fig. 2).
5. Drill hole located in step 4 with a #7 drill (Fig. 2).



When drilling aluminum backplates do not exert too much pressure to drill. This may cause drill to cut too fast, thus making hole oversized.

6. Tap the hole drilled in step 5 using a 1/4-inch 20 tap with a Greenfield T-Handle tap wrench or an approved equivalent.

Caution: The tap wrench should be long enough to permit the wrench handle to protrude out and beyond the coin relay. This is to prevent injury to the craftsman's hands on the coin relay or possible damage to the coin relay.

7. Clean metal shavings from the cord entrance hole.
8. Using the pull-in wire placed in step 3 pull-in new cord.
9. Remove the pull-in wire from the new cord and fasten the P-12A096 clamp over the cord (Fig. 3).
10. A P-26E084 1/4-20 x 5/16 - inch self-locking set screw is used to secure the cord to the coin collector backplate (Fig. 3). A flat surface is located approximately 1/4-inch from the set end of the stainless steel flexible hose. Using a 1/8-inch Allen wrench, screw the socket set

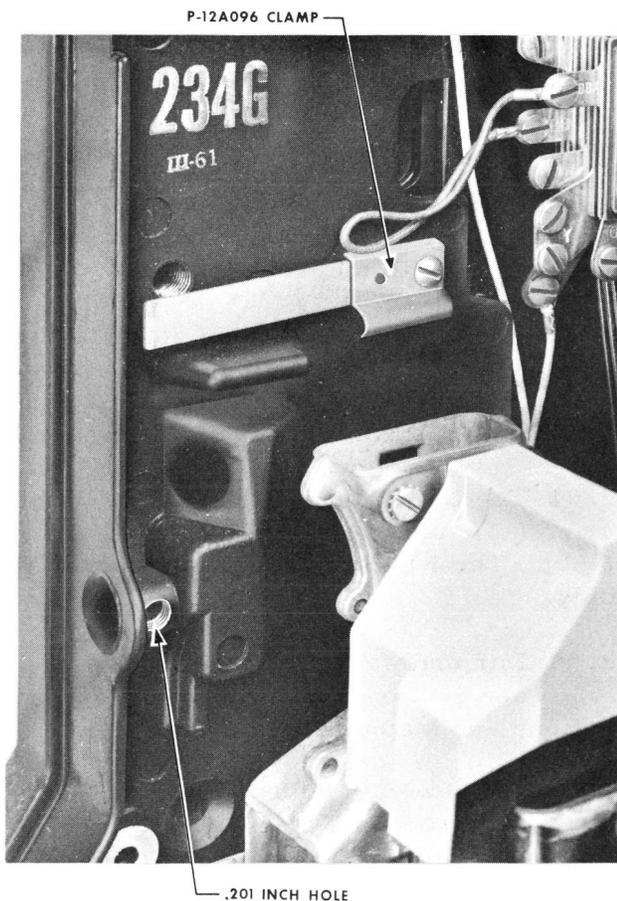


Fig. 2 - Location of .201 Inch Hole

screw into the hole drilled in step 5 until it just makes contact with the flat surface of the metal hose. Give the set screw one full turn. This should hold the cord firmly in the coin collector.

Caution: Screwing the socket set screw down more than one turn against the steel flexible hose may damage the cord conductors.

11. Remove the protective covering placed in step 3 and replace the upper housing.

Caution: Brush out all metal shavings from the coin collector, booth shelf, and booth. Dispose of these metal shavings where they will not cause injury to the public or damage to equipment.

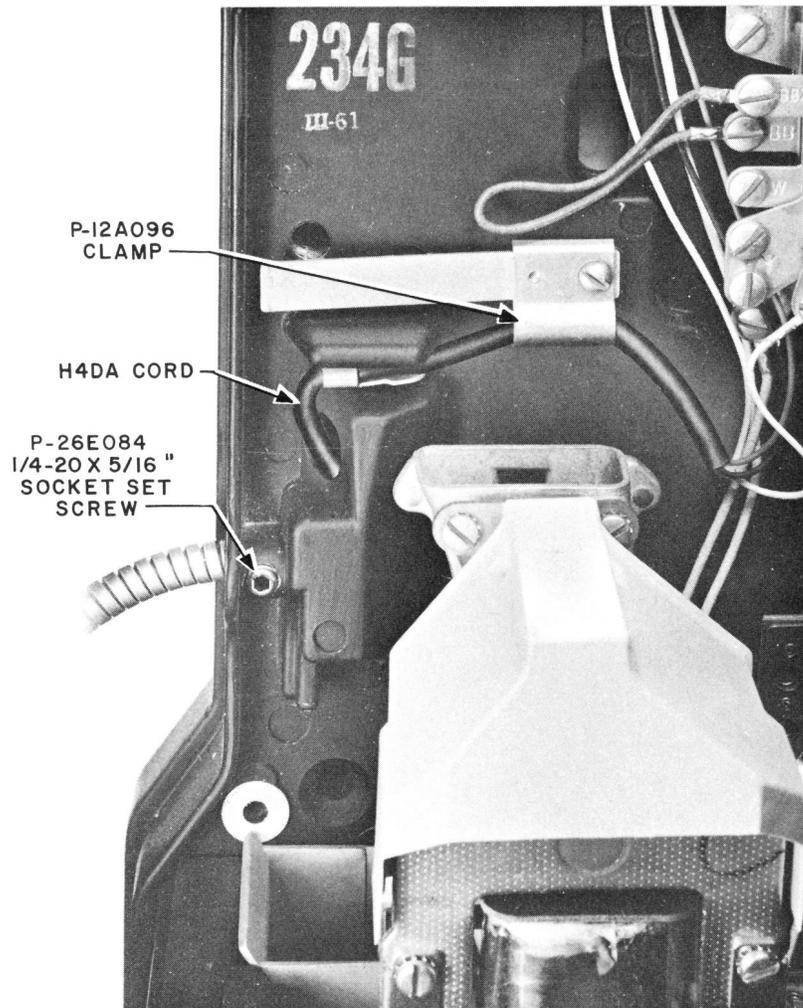


Fig. 3 - Fastening Cord of the G3R Hand Set to the Coin Collector Backplate