

PROCEDURE
INSTALLATION OF COIN GAGE GUARDS
ON COIN TELEPHONES

1. **GENERAL**

1.01 This Section contains instructions for installing two types of coin gage guards on coin telephones. The function of the coin gage guards is to prevent users from inserting coins in the coin gage before reading the dial instruction card information.

1.02 The coin gage guards differ only by the direction of the arrow on the plastic cover. Coin gage guard S-9794, List 1, has the arrow pointing up and should be used where a dial instruction card is mounted on the top of the telephone. Coin gage guard S-9792, List 2, has the arrow pointing down and should be used when the dial instruction card is mounted below the dial assembly.

1.03 No special tools will be required for this installation. A small punch, a socket wrench of the appropriate size and a chisel will be adequate.

2. **PROCEDURE**

2.01 The installation of the List 1 or List 2 coin gage guard will be the same, except for the addition of the oversize card holder on the installation of a List 1 coin gage guard. Prior to installing a coin gage guard, the patent plate must be removed and, consequently, the rivets securing the patent plate and the oversize card holder, if used. The rivets are accessed by removing the upper housing.

NOTE: The best time to remove the rivets and, in turn, install the coin gage guard is at the point of disassembly where the coin telephone is disassembled to its fullest extent. At this point of disassembly the shop personnel will not only have freedom of movement with a chisel, if necessary, but will not be concerned with chips becoming lodged in the telephone mechanism located in the upper housing.

2.02 Remove the coin chute, patent plate and rivets by the following procedure:

- (1) Remove the three pan head machine screws holding the coin chute to the upper housing (see Figure 1).

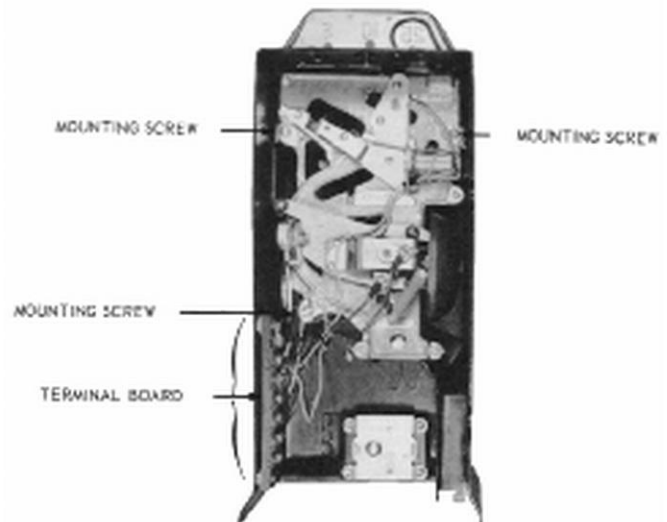


Figure 1. Coin Gage Chute.

- (2) Disconnect the wires between the coin chute and the upper housing terminal board (see Figure 1).

NOTE: Record the terminal from which each wire is removed. Do not disconnect dial wires.

- (3) Remove the coin chute from the upper housing.
- (4) Using a small punch and hammer, attempt to drive out the patent plate rivets from the inside of the housing. Make certain the two front rivets are not those securing the coin gage (see Figure 2).
- (5) Step 4 should remove the rivets; however, if a stubborn rivet is encountered chisel the inside peined end off the rivet and then drive out the remainder with a punch (see Figure 3).

3. **INSTALLATION**

3.01 Figure 4 illustrates the sequence in which the List 1 coin gage guard, oversize card holder and patent plate should be mounted. To mount these three items, proceed as follows:



Figure 2. Method of Punching Out Rivets.

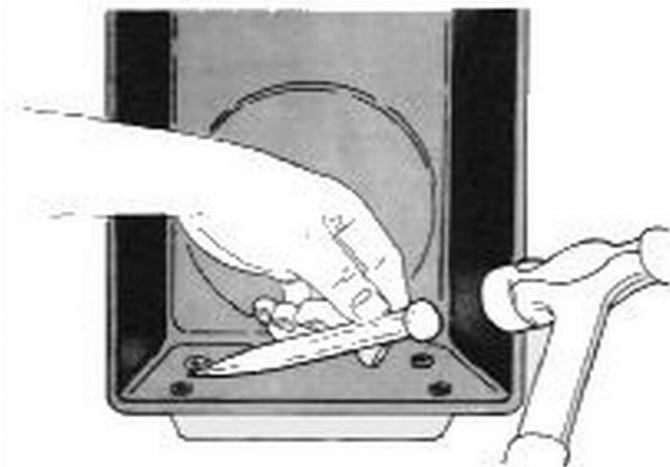


Figure 3. Method of Chiseling Peined End Off Rivet.

- (1) Align the List 1 coin gage guard over the holes on the top of the housing behind the coin gage.
- (2) Align the oversize card holder and patent plate over the coin gage guard.
- (3) Insert and secure four 4-32 x 1/2 inch button head screws with a split washer and nut.

NOTE: Obtain screws and washers locally.

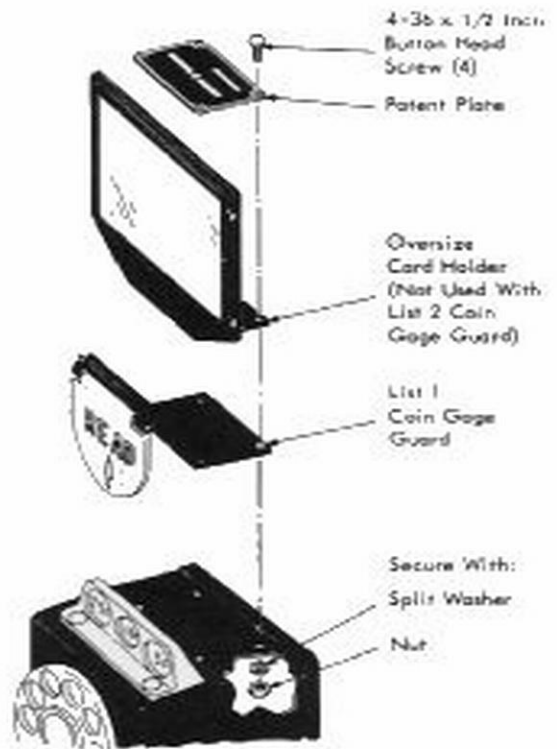


Figure 4. Mounting Sequence for List 1 Coin Gage Guard.

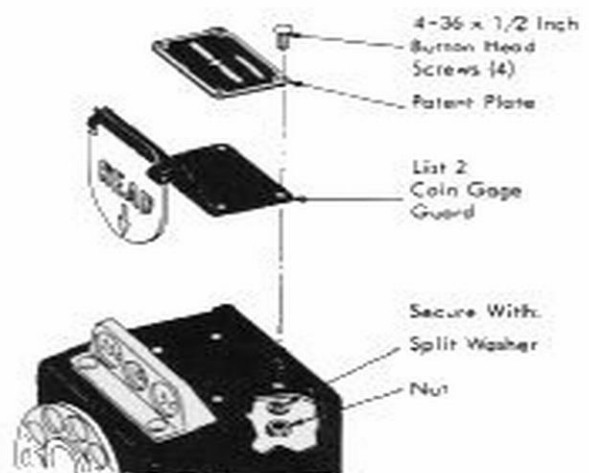


Figure 5. Mounting Sequence for List 2 Coin Gage Guard.

3.02 The installation of a List 2 coin gage guard will be the same as that for the List 1 coin gage guard, except that the List 2 coin gage guard will have the arrow pointing down to the sign below the dial assembly and the oversize card holder will not be used. This installation is illustrated in Figure 5.