

COIN TELEPHONE STATIONS

COIN HOPPER VANE REPLACEMENT

1. GENERAL

1.01 This section provides identification and installation information for field replacement of the coin vane.

1.02 This section is reissued to add information on the 840157333 trap lever spring.

2. IDENTIFICATION

2.01 The 840360572 replaceable coin vane (Fig. 1) is a part of D-180410 Kit of Parts.

2.02 This replaceable vane can be installed in all coin collectors and coin telephone sets having single-coil coin relays.

3. INSTALLATION

3.01 Remove upper housing, cover unit assembly, or open door and faceplate assembly to obtain access to coin relay.

3.02 With single slot coin telephone sets, remove chute-totalizer and return chute assembly.

3.03 To remove coin relay:

- (1) Remove dust cover.
- (2) Tag for later reference; then, disconnect leads from terminals G and 3 of coin relay.
- (3) Remove four mounting screws (one on each side and two at top-front).
- (4) Slide relay forward to clear trap and vane and lift upward. Exercise care when extracting trigger from hopper.

3.04 To remove coin trap:

- (1) Move vane to right (Fig. 2).

(2) Remove trap pin by sliding vertical portion over boss on front of hopper and sliding to the right.

(3) Turn coin trap sideways and remove through opening. ♦If P-10E702 trap lever spring (Fig. 2) exists, it can be removed from trap lever and discarded or left in place if desired.♦

3.05 To remove old coin vane:



Do not drop particles into coin box or coin return. Stuff a cloth or equivalent in the return chute during modification.

(1) With long nose pliers and screwdriver, break out old damaged vane ***using caution to avoid injury.***

3.06 To install new vane in hopper:

(1) Refer to Fig. 1 and carefully break handle off new 840360572 vane. This handle serves as the new hinge pin.

(2) Position vane in hopper (Fig. 3) through left side opening and grasp with long nose pliers (Fig. 4).

(3) Insert pin (Fig. 4) through hopper housing and vane until indentations on pin snap in place in vane (Fig. 5). Ensure that vane moves freely.

3.07 To install coin trap and associated parts:

Note: ♦Always use an 840157333, wire type, trap lever spring when installing a coin trap.

(1) Partially insert trap pin.

(2) Place trap lever on trap pin (Fig. 6).

(3) Insert coin trap in hopper and engage pin in trap (step 1, Fig. 7).♦

- (4) Holding notched left leg of 840157333 spring at an angle away from hopper, slide the right notched leg of the spring under trap pin (step 2, Fig. 7).
- (5) Swing loose end of spring across face of trap lever and position notch of left leg in alignment with end of trap pin (step 3, Fig. 7).
- (6) Push trap pin to the left, over and through the left leg notch of the new spring, until the trap pin detents (step 4, Fig. 7).

3.08 To install coin relay:

- (1) Move vane to right.
- (2) With trigger tripped, place relay on hopper.
- (3) Slide relay back until trigger enters opening in hopper and trap-lever tab enters slot in selector card (Fig. 8).
- (4) Close armature manually by pressing downward on ear on left side of selector card.
- (5) Slide relay back, vane stem should enter hole in cam and mounting screw holes should line up.
- (6) Replace mounting screws.
- (7) Trigger should have some end play; and armature, trap, and vane should operate and release without binding.
- (8) If trigger binds, loosen upper mounting screws.
- (9) If trigger is free with upper mounting screws loose, retighten screws evenly.
- (10) Replace relay if trigger still binds.
- (11) Connect the two leads to terminals G and 3 on coin relay.
- (12) Replace dust cover.

3.09 With single slot coin telephone sets, install return chute assembly and chute-totalizer.

3.10 Close door and faceplate assembly, install cover unit assembly, or install upper housing.

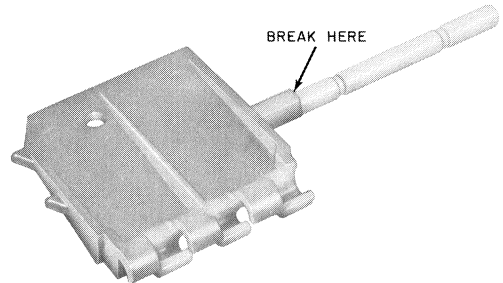


Fig. 1—840360572 Replaceable Coin Vane

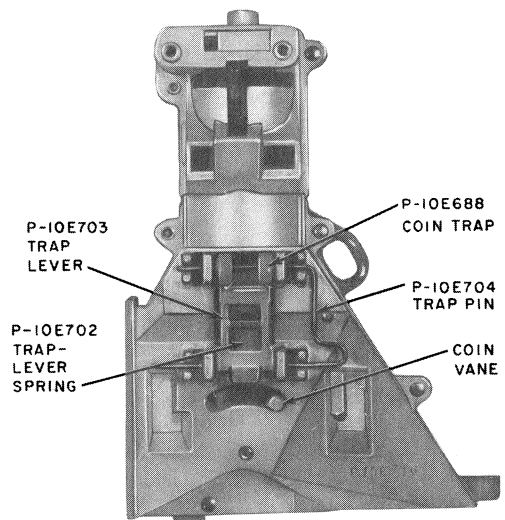


Fig. 2—Coin Trap and Trap-Lever Assembly

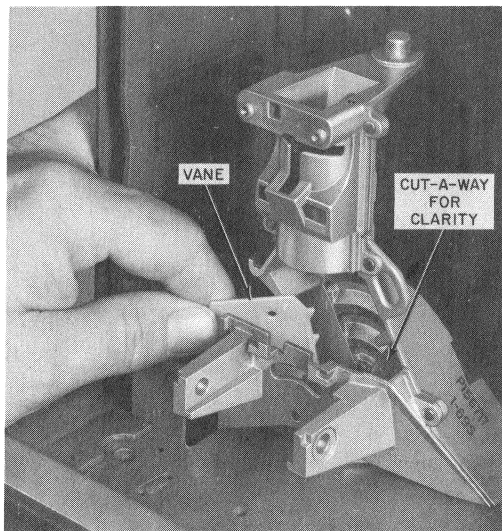


Fig. 3—Inserting Vane

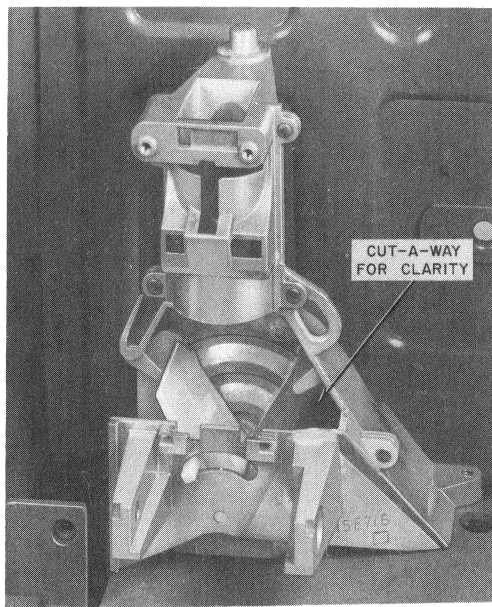


Fig. 5—Vane Installed

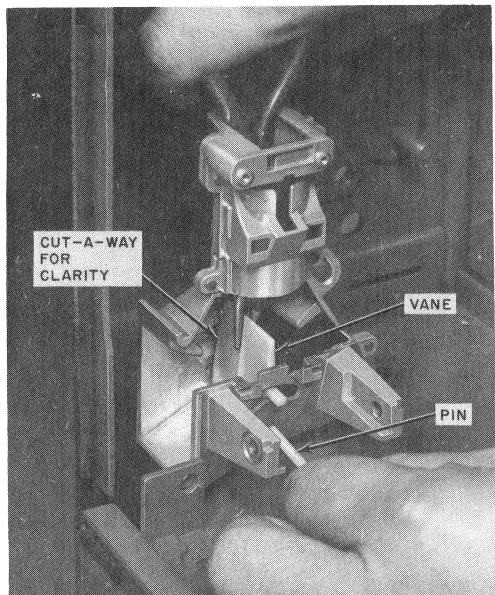


Fig. 4—Installing Pin in Vane

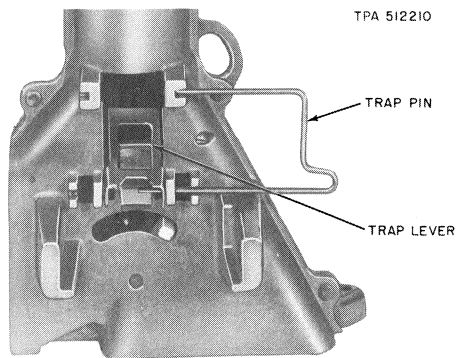
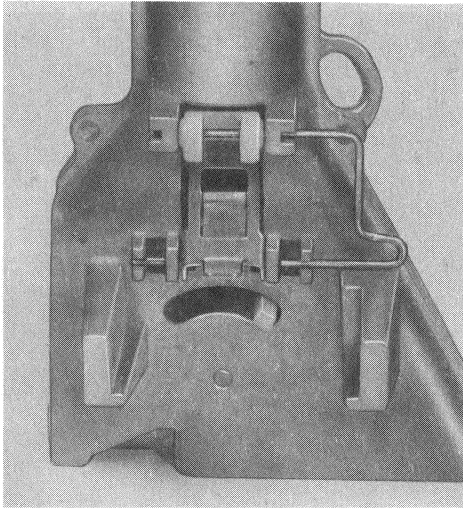
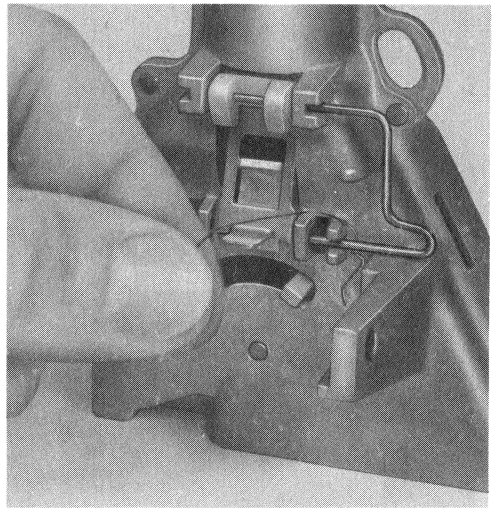


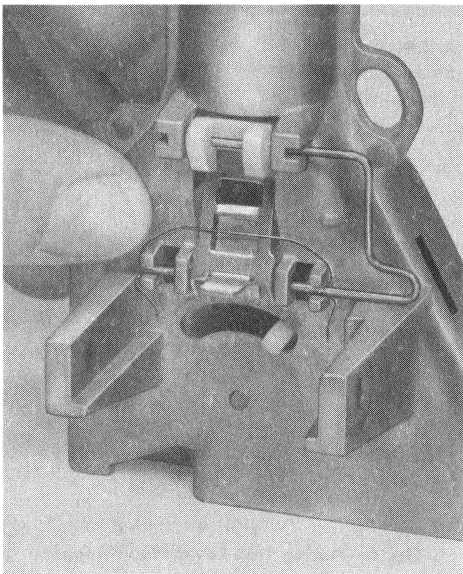
Fig. 6—Placing Trap-Lever Pin in Hopper



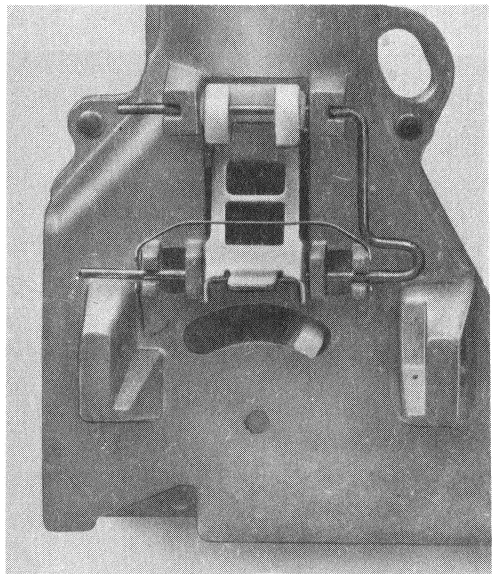
STEP 1



STEP 2



STEP 3



STEP 4

Fig. 7—▶Installing 840157333 Trap Lever Spring◀

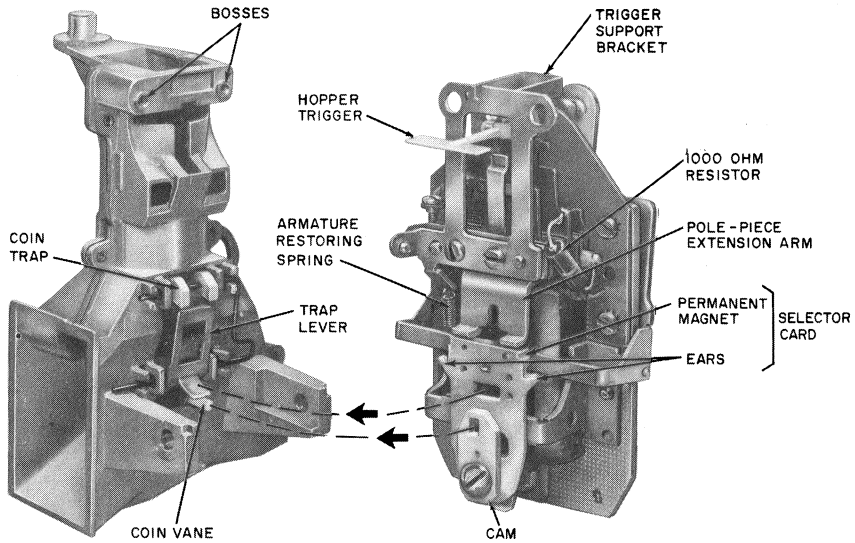


Fig. 8—Coin Hopper and Rear View of Coin Relay (Typical)