COIN TELEPHONE SET—2A-TYPE
INSTALLATION AND MAINTENANCE

1. GENERAL

1.001 This addendum supplements Section 506-328-200, Issue 2.

1.002 This addendum is issued to:

- ●Revise Fig. 12
- ●Add Fig. 13
- ●Add information on P-23F361 entrance stop
- ●Add information on new current flow and operate time requirements for coin relay

3. MAINTENANCE

The following changes apply to Part 3 of the section:

(a) 3.01—revised

(b) Fig. 12—revised

(c) Fig. 13—added

(d) P-23F361 ENTRANCE STOP (3.21.1 through 3.21.7 added)

(e) CURRENT FLOW AND OPERATE TIME REQUIREMENTS FOR SINGLE-COIL COIN RELAY (3.24 through 3.26 added)

3.01 Maintenance of the 2A-type coin telephone set is limited to cleaning switch hook contacts and coin relay (HT) contacts, clearing of foreign objects from coin chute, adding P-23F361 entrance stop to coin chute assembly, and replacement of the following components:

(a) G3P-52 handset

(b) 8S-52 dial (2A1)

(c) 35T3A dial (2A2)

(d) P-90D274 (2A1) or P-90D275 (2A2) dial and housing assembly

(e) P-15E730 return chute assemby

(f) P-15E718 coin relay and hopper assembly or 1AA coin relay

(g) P-15E687 coin relay assembly or 1A relay

(h) P-15E428 coin chute-totalizer assembly

(i) P-24E342 coin chute assembly or 1A coin chute

(j) P-15E579 totalizer assembly

(k) P-21F546 coin return assembly

(l) P-15E437 chassis unit assembly

(m) C4A ringer

(n) Instruction cards

(o) Number cards

(p) 303K mercury (A) relay

Fig. 12—Revised to show locking tab feature of P23F361 entrance stop.

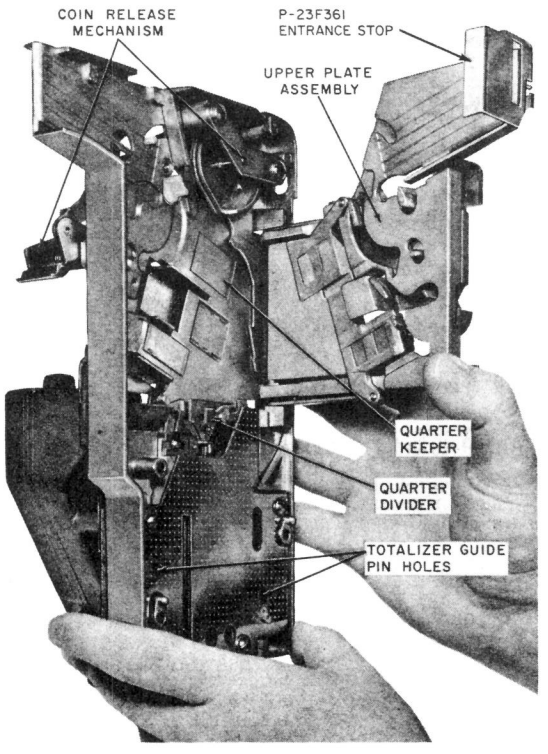

Fig. 12—Coin Chute Assembly

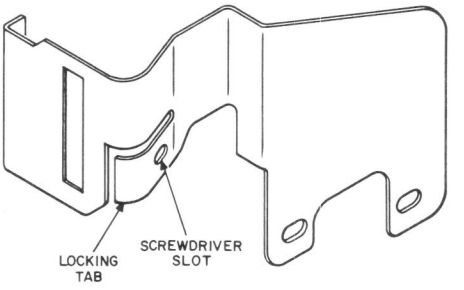

Fig. 13—P-23F361 Entrance Stop

P-23F361 ENTRANCE STOP

3.21.1 A P-23F361 entrance stop (Fig. 12 and 13) can be installed on the coin chute to reduce coin chute stuffing. When the coin release lever is operated, the entrance stop moves sideways and closes the coin slot.

3.21.2 A prefabricated locking tab arrangement on the entrance stop can be bent with a screwdriver (by authorized personnel) to hold the upper plate assembly off-normal (Fig. 13). This will prevent customer coin deposits in newly installed coin telephone sets awaiting initial service connection or those that are out of service which require further maintenance or repair.

3.21.3 Coin chutes may be found to have:

(a) A 654B transmitter assembly with no entrance stop.

(b) An early version entrance stop (without locking tab feature) and no 654B transmitter assembly.

3.21.4 To install a new entrance stop on a chute equipped with a 654B transmitter assembly:

(1) Remove coin chute-totalizer assembly (4.03).

(2) Disconnect connectors between transmitter and totalizer.

(3) Remove Tinnerman wire clip which secures wire to chute.

(4) Remove two No. 6-32 by 3/16 RHM screws (P-129732) which secure transmitter assembly to chute. Remove transmitter assembly and return it, properly packaged, to stock through regular supply channels.

Note: The totalizer connector can be left dangling. It will serve no purpose and need not be removed.

(5) Install the entrance stop in the same position from which the transmitter assembly was removed and secure it with two No. 6-32 by 5/32 RHM screws (P-218068) procured locally.

3.21.5 Install coin chute-totalizer assembly (2.21) and ensure that there is clearance between entrance stop and door faceplate assembly when closed. There should be no binding or rubbing of moving parts when coin release lever is operated fully and allowed to return to normal without force.

Note: If entrance stop binds or rubs against inside of door faceplate assembly, replace chute

with a 1A chute which is equipped with a properly fitted entrance stop.

3.21.6 To install the new entrance stop on a chute having an early version entrance stop (without locking tab feature):

(1) Remove coin chute-totalizer assembly (2.16)

(2) Remove and retain two No. 6-32 by 5/32 RHM screws (P-218068) which secure the old entrance stop. Discard old entrance stop.

(3) Install the new entrance stop in the same location using the hardware retained.

3.21.7 Repeat 3.21.5.

CURRENT FLOW AND OPERATE TIME REQUIREMENTS FOR SINGLE-COIL RELAY

3.24 Manufacturing and repair specifications relating to single-coil coin relays have been changed as follows:

- Operate current—41 milliamperes
- Nonoperate current—30 millamperes
- Relay operating time—450 $\pm$50 milliseconds

3.25 An asterisk will be stamped adjacent to the part number on all new and repaired single-coil coin relays which have been adjusted to meet the above requirements.

3.26 When relays are manufactured with bifurcated rather than solid contact springs, they will be marked 1A without the asterisk.