

REFERENCE

1563-, 1564-, AND 1568-TYPE TELEPHONE SETS

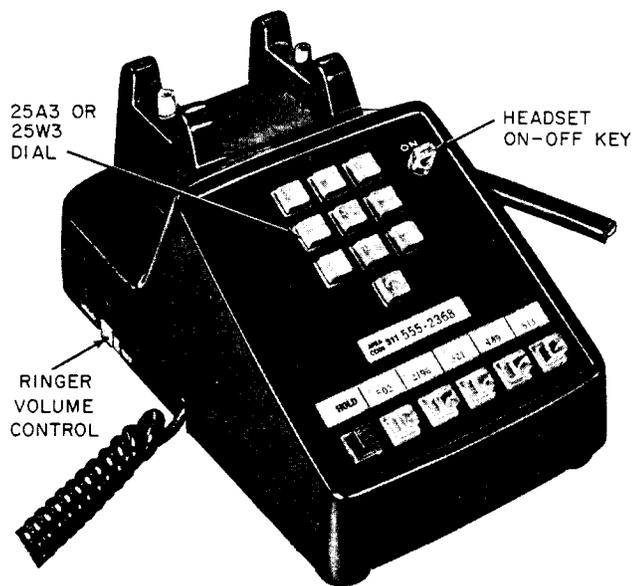


Fig. 1—1563HB (MD) Telephone Set



Fig. 3—1564HL (MD) Telephone Set

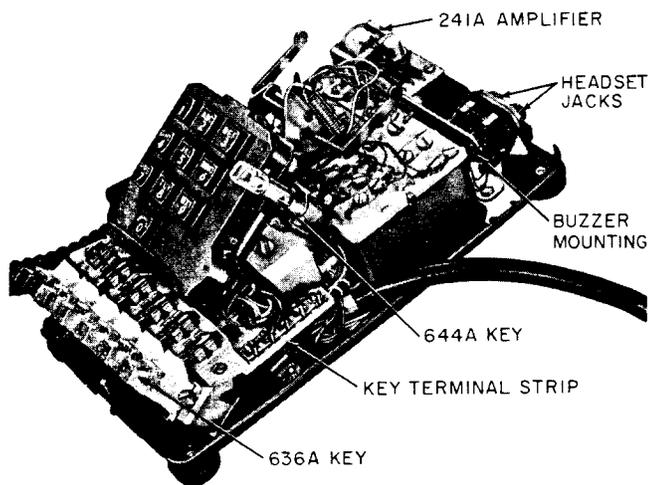


Fig. 2—1563HB (MD) Telephone Set, Interior



Fig. 4—1568HT (MD) Telephone Set

1. GENERAL

1.01 This section provides identification and installation information for 1563-, 1564-, and 1568-type telephone sets (Fig. 1, 2, 3, and 4) previously contained in Section 502-525-112, which is hereby canceled.

1.02 The 1563-, 1564-, and 1568-type telephone sets are desk-type 6-button key telephone sets equipped with TOUCH-TONE® dials. The 1563-type is intended for use in 1A, 1A1, 1A2, or 6A key telephone systems. The 1564- and 1568-type sets are intended for use in 1A1, 1A2, or 6A key telephone systems. When ordering sets refer to Division 500 for promoted and nonpromoted color selection.

2. IDENTIFICATION

1563HB Telephone Set

2.01 The 1563HB telephone set (Fig. 1 and 2) is equipped with jacks for a 52- or 53-type headset and a turnkey to switch between handset and headset. The turnkey also provides a flash function for operator recall. A 241A Series II amplifier improves headset transmitter transmission. The amplifier, jacks, ringer, and buzzer (if provided) are mounted on a common bracket.

2.02 Ringer volume in the 1563HB telephone set is adjusted from LOUD through OFF by moving the lever extending through the side of the set.

Note: Volume control lever detent action of current N-type ringers has been improved making it more difficult to inadvertently operate the control lever to the OFF position.

2.03 A D-179935 Kit of Parts (ordered separately) can be installed in the 1563HB telephone set when the exclusion feature is required (Fig. 5).

1564HL Telephone Set

2.04 The 1564HL telephone set (Fig. 3) replaces the 1564HK which is rated MD.

2.05 Ringer volume in this set may be varied by means of a knurled cam projecting through the base. To silence the ringer; remove housing,

bend ringer stop tab, and move volume control cam to fifth position.

1568HT (MD) Telephone Set

2.06 The 1568HT (MD) telephone set (Fig. 4) can be used on a 2- or 4-wire line circuits. A relay is used to switch the receiver circuit from the network to the RR and RT leads during 4-wire operation.

2.07 Buttons 1 through 0 of the 22B3 dial are for pulsing central office numbers. Priority and special grade facilities may be obtained on 4-wire lines by depressing the red buttons (P) and/or (SG) before dialing the number.

2.08 The 1568HT (MD) telephone set is available in black (-03) only.

2.09 The 1568HT (MD) telephone set is equipped with an H1A ringer. The volume can be varied by means of a knurled cam projecting through the base. To silence the ringer; remove housing, bend ringer stop tab, and move volume control cam to fifth position.

Key

2.10 The 636A key (Fig. 6 and 7) used in these sets provides hold and five line pickups. The last three pickup keys may be converted to common or private line signaling.

2.11 Pickup buttons are illuminated with 51A lamps and serve as line busy and/or incoming call signals. The red hold button is arranged for, but not equipped with a lamp.

3. INSTALLATION

Key

3.01 The 636-type key has a terminal arrangement to accommodate matching cord terminal wafers, so that any line connected to the set can be interchanged readily to appear on any of the five line pickup keys.

3.02 To convert the pickup buttons for signaling use; remove P-12A892 screw detail (Fig. 7) and make necessary wiring changes.

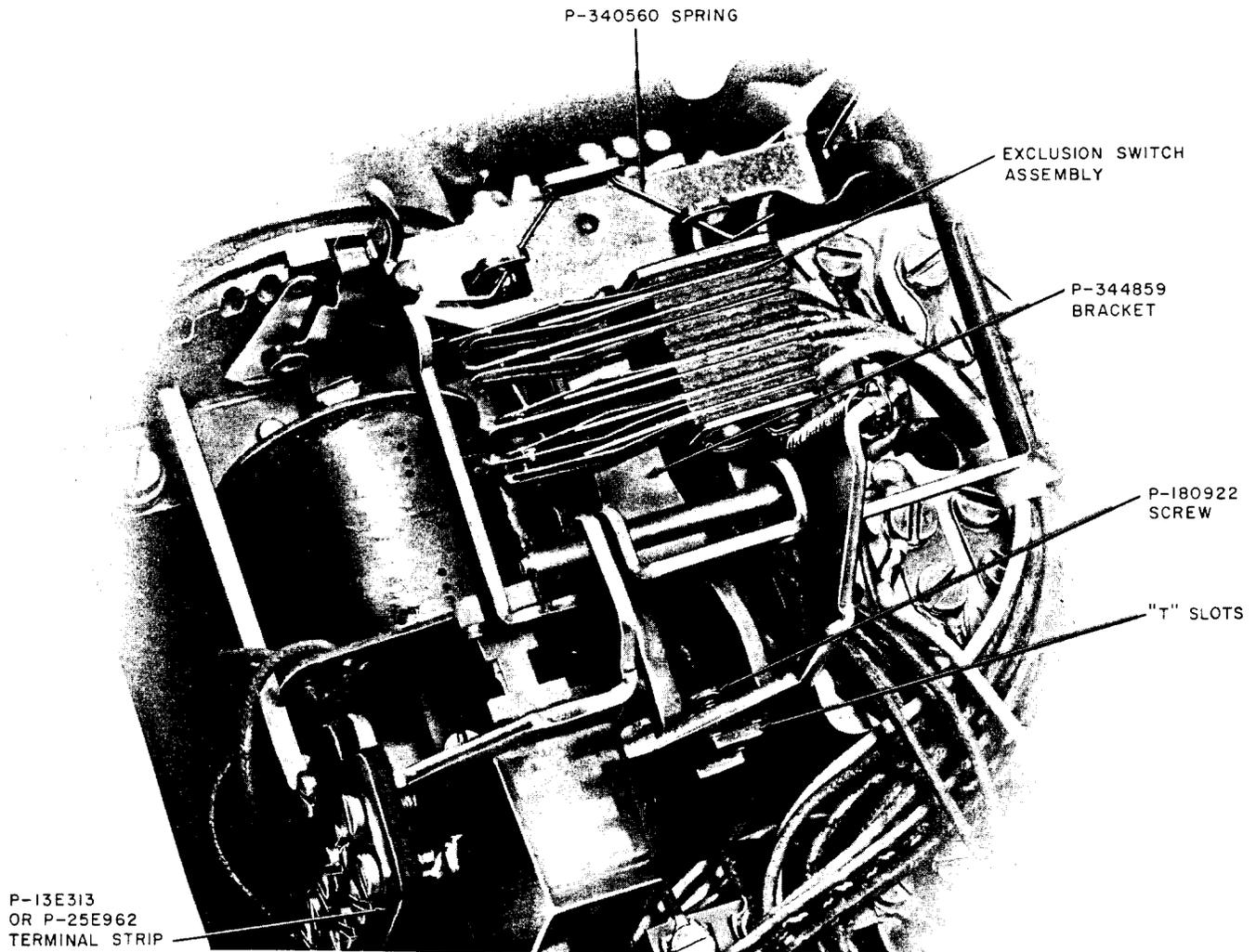


Fig. 5—D-179935 Kit of Parts, Installed

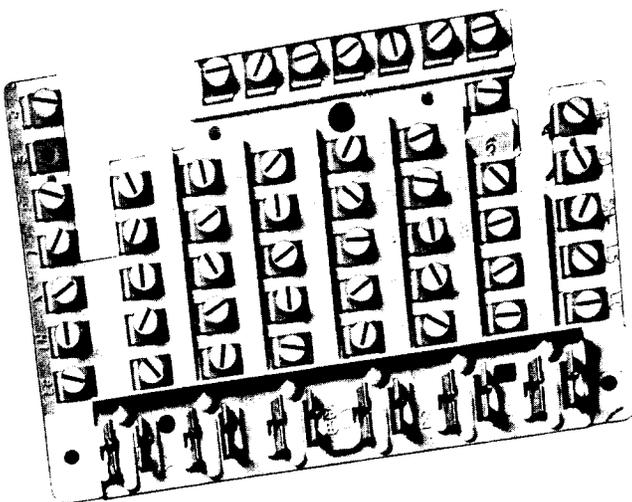


Fig. 6—636A Key, Top View

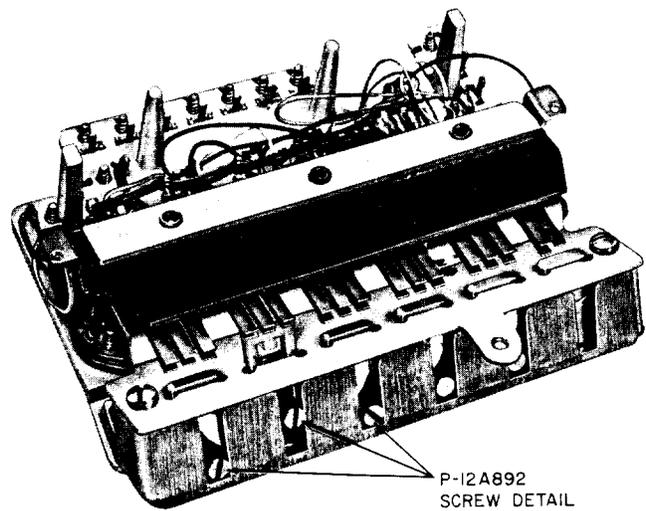


Fig. 7—636A Key, Bottom View

3.03 Unused buttons may be blocked with a P-12A858 blocking ring. Insert as shown in Fig. 8.

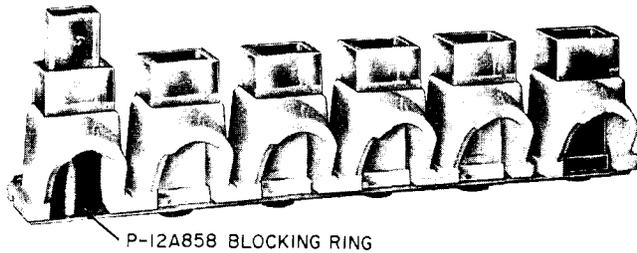


Fig. 8—P-12A858 Blocking Ring Installed

Exclusion Switch

3.04 When required install the D-179935 Kit of Parts (Exclusion Switch Assembly) as follows:

- (1) Insert the P-344859 bracket into the two T slots precut in the line switch bracket (Fig. 5).
- (2) Tighten the P-180922 screw which holds the bracket in the T slots.
- (3) Mount the P-340560 spring and exclusion switch assembly on the bracket (Fig. 5).
- (4) Remove the P-13E953 plunger from the left side of the telephone set housing and replace it with the P-14A613 exclusion plunger.



Replace the telephone set housing before making any tests. The housing serves to orient the exclusion switch and tilts the spring pile-up so that it will not short to the bracket.

Buzzers

3.05 A KS-8109L2 or equivalent buzzer may be mounted to the ringer bracket provided with sets equipped with an H1A ringer (Fig. 9).

3.06 A second KS-8109 type buzzer can be installed on a 70-type bracket (ordered separately) which mounts on top of the H1A ringer in nonexclusion switch equipped sets.

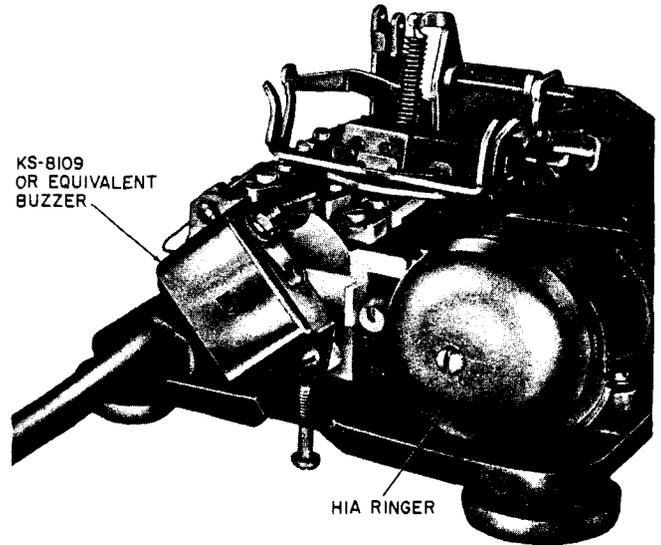


Fig. 9—Location of KS-8109 Type Buzzer

Note: In redesigned bracket, lead dressing posts are omitted, therefore extra care should be taken to dress the spade-tipped lead on the F terminal of the 425E network to prevent contact with the buzzer case.

3.07 A KS-20419 buzzer (10 volt AC only) may be mounted in any convenient location with a screw which must be provided.

TABLE A

1563-, 1564-, AND 1568-TYPE TELEPHONE SET COMPONENTS

SET* CODE NO.	DIAL NO.*	MTG* CORD	HANDSET*	KEY	NET.	RINGER	JACK ASSY	AMPLIFIER†	HEADSET KEY	HOUSING* AND PLUNGER ASSEMBLY	
1563HB (MD)	25A3 or 25W3	D50N	G3AR	636A	425E or 425G	N1A	P-26E645	241A Series II	644A	P-85E9- -	
1564HK (MD)	25A3	D30C			425E	H1A					
1564HL (MD)	25A3 or 25W3	D30D			425E or 425G						P-89B1- -
1568HT (MD)	22B3	D50N			425E						P-88B903

* Add appropriate color suffix.

† Early production sets equipped with Series I amplifier must be replaced with Series II amplifier if exclusion switch is installed.

TABLE B

PIECE PART INFORMATION

TELEPHONE SET	CARD RETAINER†	DESIG- NATION CARD	BUTTON AND COLLAR ASSEMBLY	AUXILIARY TERMINAL STRIP	FACEPLATE*	
					10-BUTTON DIAL	12-BUTTON DIAL
1563HB (MD)	P-25E803 and P-269561	E-4227	P-25E120	P-25E962	P-84G4- -	P-87J6- -
1564HK (MD)					P-84G3- -	P-86D7- -
1564HL (MD)						
1568HT (MD)						P-25E958

* Add appropriate color suffix.

† Replaces P-25E785 (MD) card retainer. Both P-25E803 and P-269561 are required.