

## TELEPHONE SETS—1630, 1631, AND 1632 TYPES

### IDENTIFICATION AND ASSEMBLY OF PARTS

#### 1. GENERAL

1.01 The 1630-, 1631-, and 1632-type telephones are TOUCH-TONE dial sets (Fig. 1).

#### 2. IDENTIFICATION

2.01 Refer to Table A for a list of components and Table B for face-plates, mats, and bezels of these telephone sets.



Fig. 1 — 1630-Type Telephone Set

TABLE A

COMPONENTS — 1630 SERIES TELEPHONE SETS

Type Set	Network	Ringer	Dial	Button Capacity	Mtg. Cord	Housing Assembly
1630D	4010B	N1A	25B3	18	D120C	P-84C000†
1631D				30	D200F	P-84C100†
1632C*				18	D94B	P-84C000†

\* The 1632-type telephone set cannot be used with the 1A key telephone systems.

† The last two digits of these part numbers must be replaced by the code number corresponding to the color desired. Example: for white, change P-84C000 to P-84C058 housing.

**3. ASSEMBLY OF PARTS**

**3.01 To remove bezel assembly:**

- (1) Pry up gently at top of bezel to release spring catches.
- (2) Move bezel assembly toward back of set to release guides; then lift off.

**3.02 To remove 51A lamp (Fig. 2):**

- (1) Remove bezel assembly.
- (2) Remove light shield.
- (3) Press down on base of lamp with a KS-6320 orange stick. This will tip the lamp.

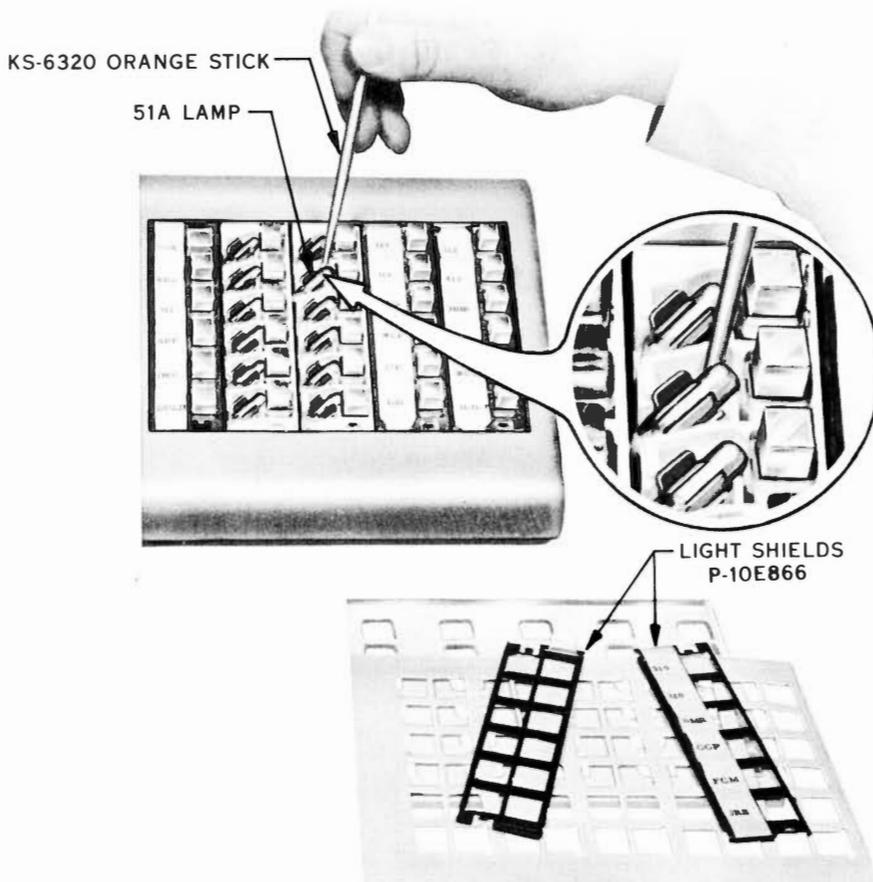
- (4) Insert tip of orange stick beneath raised portion of lamp.

- (5) Lift lamp from socket.

**Housing**

**3.03 To remove housing (Fig. 3):**

- (1) Remove bezel assembly.
- (2) Loosen two screws at rear of housing.
- (3) Lift rear of housing.
- (4) Move housing forward to free front mounting hooks.



**Fig. 2 – Method of Removing Lamp**

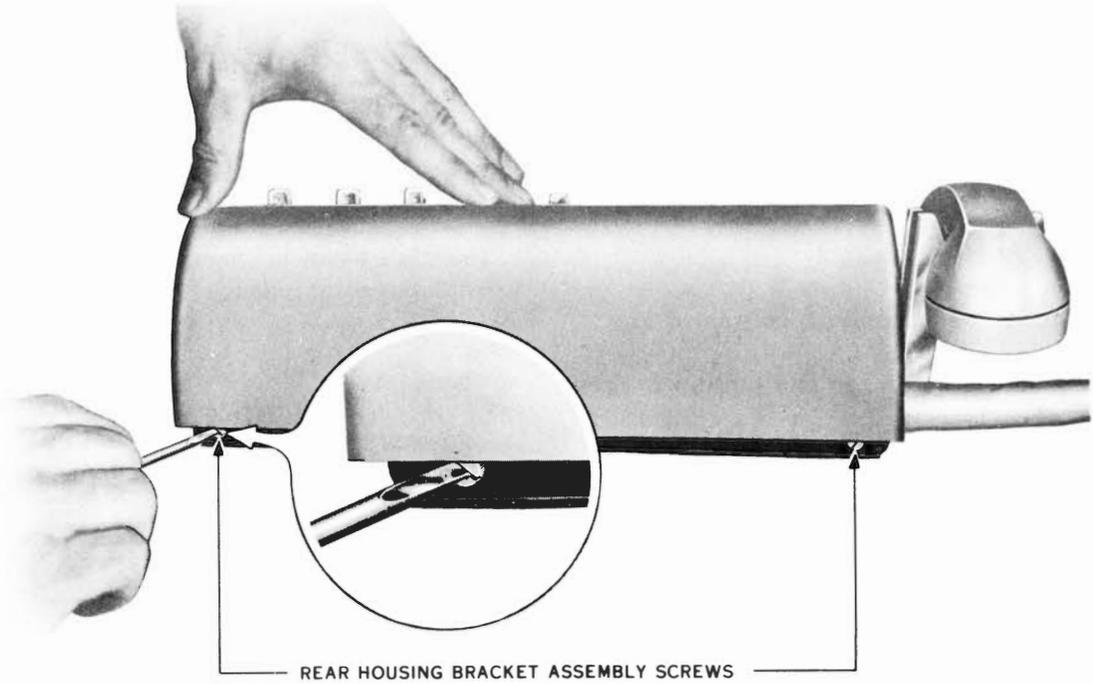


Fig. 3 — Method of Removing Housing

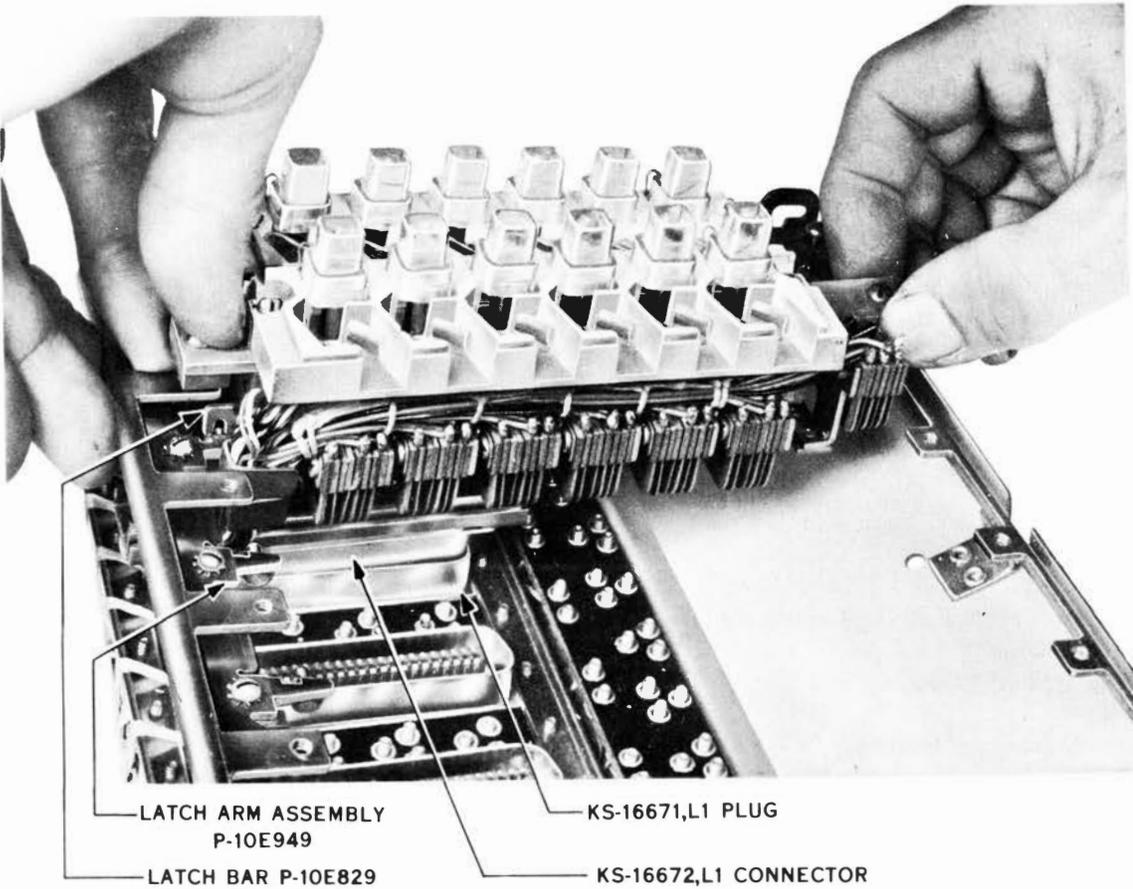


Fig. 4 — Method of Placing Key

**Key**

**3.04** To remove key :

- (1) Remove bezel assembly.
- (2) Remove housing assembly.
- (3) Loosen screws at top and bottom of key.
- (4) Grasp both ends of key and pull up to free connector.
- (5) Slide key toward back of set until front end of key clears mounting frame.
- (6) Raise front end of key to clear mounting frame.
- (7) Slide key forward and up.

**3.05** To install key (Fig. 4) :

- (1) Hold key by both ends of frame.
- (2) Lower upper end of key into key well.
- (3) Slide key toward rear of well until lower end clears mounting frame and goes into key well.
- (4) Engage latch bar, plug, and connector.
- (5) Push key firmly into place.
- (6) Tighten screws at top and bottom of key.
- (7) Test key for operation.

**Mounting Cord Assembly**

**3.06** To remove mounting cord assembly (Fig.5) :

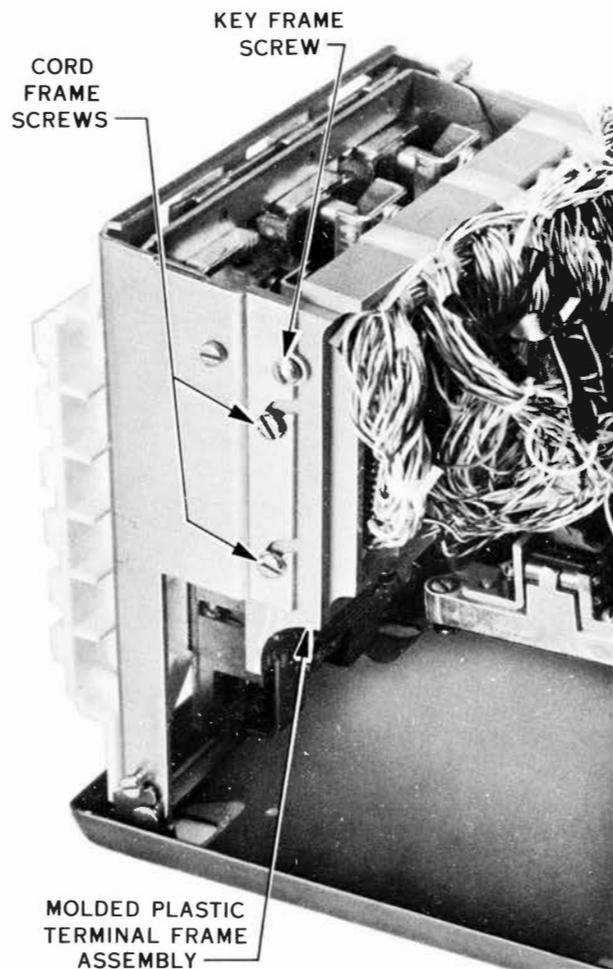
- (1) Remove bezel assembly.
- (2) Remove housing assembly.
- (3) Remove mounting cord clamp.
- (4) Remove screws from key frame (Fig. 5).
- (5) Raise key frame.

- (6) Remove dial mounting plate.
- (7) Disconnect leads on network and ringer.
- (8) Remove cord frame screws (Fig. 5).
- (9) Pull down on mounting cord frame to disengage amphenol plugs.

**Dial**

**3.07** To remove dial (Fig. 6) :

- (1) Loosen screws from dial mounting plate.
- (2) Move mounting plate to left and lift.
- (3) Disconnect dial leads.
- (4) Remove mounting screws (Fig. 6).



**Fig. 5 – Method of Removing Mounting Cords**

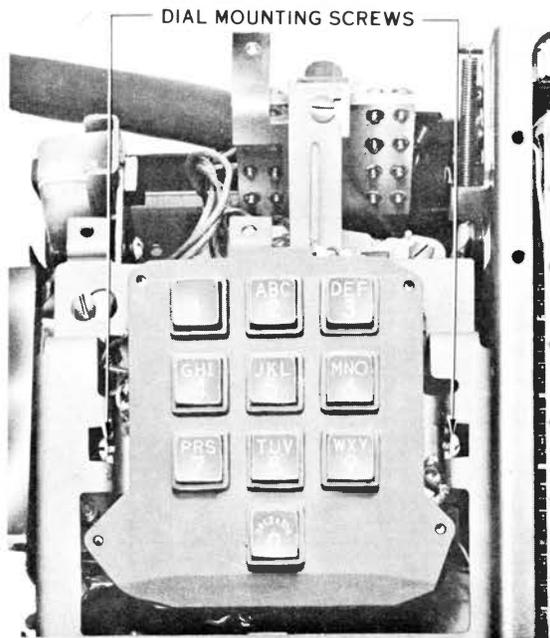


Fig. 6 — Method of Removing Dial

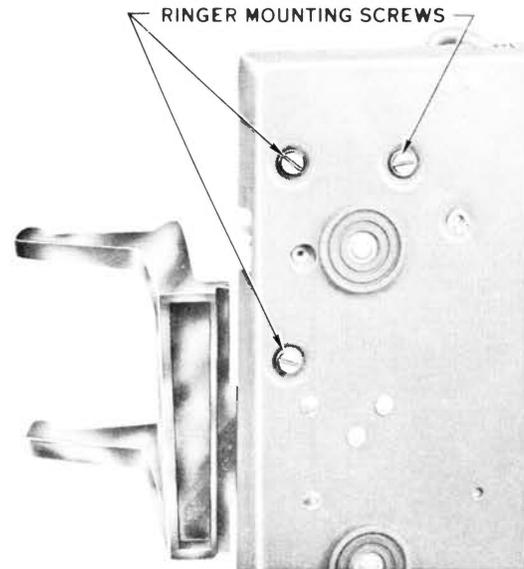


Fig. 7 — Method of Removing Ringer

### Ringer

3.08 To remove ringer (Fig. 7) :

- (1) Remove bezel.
- (2) Remove housing.
- (3) Remove dial mounting plate.
- (4) Disconnect ringer leads.
- (5) Remove three ringer mounting screws, located in bottom of set (Fig. 7).
- (6) Lift ringer out.

### Blocking Ring

3.09 To place P-12A859 blocking ring in key (Fig. 8) :

- (1) Remove bezel assembly.
- (2) Remove housing assembly.
- (3) Remove key.

- (4) Remove lamp block assembly (Fig. 8).
- (5) Remove button retainer.
- (6) Place blocking ring over plunger.
- (7) Replace button retainer and lamp block assembly.

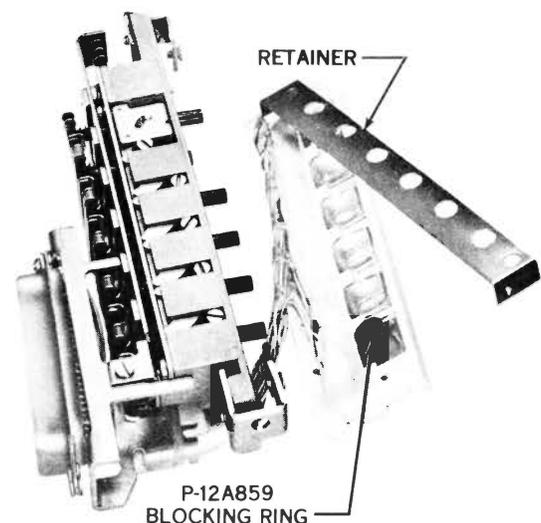


Fig. 8 — Method of Placing Blocking Ring

TABLE B

FACEPLATES, MATS, AND BEZEL FOR 1630-, 1631-, AND 1632-TYPE TELEPHONE SETS

Type Set	Faceplate Assy*	Faceplate Only	Nonglare Faceplate Assy*	Nonglare Faceplate Only	Mats						Bezel
					Package One of Each Color	Gold	Blue	Green	Cream White	Silver	
1630 (D1 and D2)	120A	P-26E230	120A1	P-26E255	P-26E217	P-26E330	P-26E340	P-26E350	P-26E360	P-26E370	P-26E199
1630 D4	120B	P-26E231	120B1	P-26E256							
1630 (D6 thru D10)	120A	P-26E230	120A1	P-26E255							
1630 D11	120C	P-26E232	120C1	P-26E251	P-26E219	P-26E332	P-26E342	P-26E352	P-26E362	P-26E372	
1630 D12	120D	P-26E233	120D1	P-26E258							
1630 D13	120C	P-26E232	120C1	P-26E257	P-26E217	P-26E330	P-26E340	P-26E350	P-26E360	P-26E370	
1630 (D14 and D15)	120J	P-26E238	120J1	P-26E263							
1631 (D1 thru D3)	121A	P-26E280	121A1	P-26E305	P-26E220	P-26E380	P-26E390	P-26E400	P-26E410	P-26E420	P-26E212
1631 D4	121B	P-26E284	121B1	P-26E309							
1631 D5	121E	P-26E286	121E1	P-26E311	P-26E217	P-26E330	P-26E340	P-26E350	P-26E360	P-26E370	
1631 D9	121F	P-26E288	121F1	P-26E313							
1631 (D10 thru D15)	121A	P-26E230	120A1	P-26E255	P-26E222	P-26E382	P-26E392	P-26E402	P-26E412	P-26E420	
1631 (D16 and D17)	121C	P-26E283	121C1	P-26E308							
1631 D18	121D	P-26E281	121D1	P-26E306	P-26E220	P-26E380	P-26E390	P-26E400	P-26E410	P-26E420	
1631 D19	121F	P-26E288	121F1	P-26E313							
1632 (C1 and C2)	120A	P-26E230	120A1	P-26E255	P-26E217	P-26E320	P-26E340	P-26E350	P-26E360	P-26E370	P-26E199
1632 C4	120B	P-26E231	120B1	P-26E256							
1632 (C6 thru C10)	120A	P-26E230	120A1	P-26E255							
1632 C11	120C	P-26E232	120C1	P-26E257	P-26E219	P-26E332	P-26E342	P-26E352	P-26E362	P-26E372	
1632 C12	120D	P-26E233	120D1	P-26E258							
1632 C13	120C	P-26E232	120C1	P-26E257	P-26E217	P-26E330	P-26E340	P-26E350	P-26E370	P-26E372	
1632 (C14 and C15)	120J	P-26E238	120J1	P-26E263							

\* Faceplate assembly is furnished with set of five mats.