

## TELEPHONE SETS 554, 556, AND 558 TYPES INSTALLATION AND MAINTENANCE

### 1. GENERAL

- 1.01 This section covers the installation and maintenance of the 554-, 556-, and 558-type wall telephone sets.
- 1.02 This section is reissued to convert it to letter size and to incorporate material from the addendum in its proper location. In the process of this conversion, marginal arrows have been omitted.
- 1.03 The method for placing or removing the plastic housing is shown in Figs. 1 and 2.

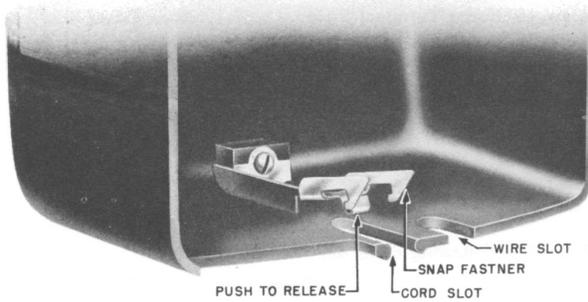


Fig. 1—Interior View



Fig. 2—Exterior View

### 2. INSTALLATION

2.01 In general, install these sets in accordance with instructions in the C section on Subscriber and Telephone Sets for Indoor Locations, Installations, that apply to wall sets.

2.02 Where a backboard is required, due to uneven mounting surface, or to facilitate installation, the 172B backboard is used. It is available in the following colors:

Backboard	Used with Set
172B-3*	Black
172B-50	Ivory
172B-52	Green or Red
172B-53	Beige

\*172A backboards, modified as shown in C section on Backboards, Description and Use, may be used.

2.03 Two inside wire entrance holes are provided in the base of these sets. The upper hole should be used on the 558-type sets, and the lower hole on 554- and 556-type sets when a backboard or concealed wiring is used. The wire should be run within the set so as not to interfere with the ringer gongs or any moving parts.

2.04 If the wire is run exposed into the bottom of the set, it should enter through the wire slot in the cover. In some older sets, where the wire slot is not provided, the wire may enter through the cord slot. Exercise caution in placing and dressing wire under ringer so as not to interfere with ringer gongs or any moving parts.

2.05 When an exposed-wire run is made into the top of the set, the 172B backboard should be used. The wire may be run down the wiring channel, and through the hole in the back of the backboard.

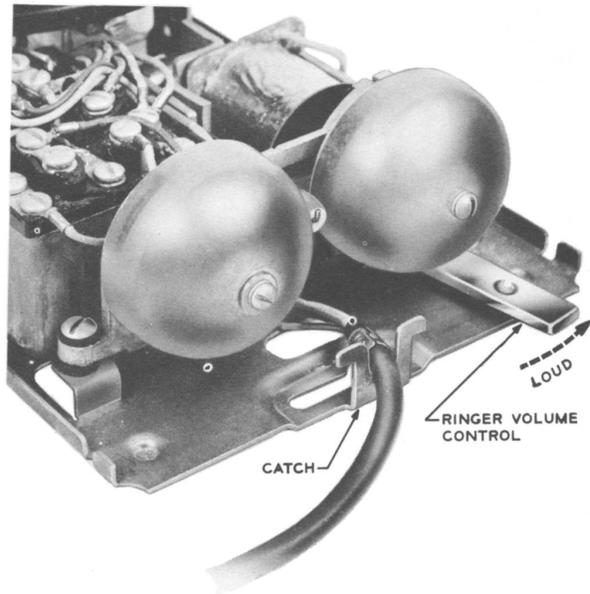


Fig. 3—Interior View of the Set Showing Ringer Volume Control

**SECTION C32.560**

2.06 The ringer volume is manually controlled by a lever extended through the bottom of the housing (see Fig. 3).

2.07 The ringer may be adjusted to provide an additional position for the volume control which will silence the ringer completely (see Section C31.207, C-type Ringers, Maintenance).

**3. MAINTENANCE**

3.01 All components of these sets, except the early model C4A ringers, are interchangeable with the 500-type telephone sets. The frames on all C4A ringers manufactured after January 15, 1955 have been changed in design so that they will not interfere with the free movement of the volume-adjusting arm as did the earlier model. The maintenance of these components is covered in other sections of the C practices.

3.02 The following piece-part numbers or types may be required for maintenance purposes:

<u>Description</u>	<u>Piece-part Number of Type</u>
Arm, for Adjusting Ringer Volume.....	P-19B795
Assembly, Switch.....	P-20A208
*Blank, Apparatus.....	95B
Bracket, to Mount Dial.....	P-19B961
Bracket, to Mount 584B Key.....	P-17A750
Cap, Receiver (Black).....	P-349532
Cap, Receiver (Ivory).....	P-19B738
Cap, Receiver (Green).....	P-19B739
Cap, Receiver (Red).....	P-19B741
Cap, Receiver (Beige).....	P-19B743
Cap, Transmitter (Black).....	P-349533
Cap, Transmitter (Ivory).....	P-19B722
Cap, Transmitter (Green).....	P-19B723
Cap, Transmitter (Red).....	P-19B725
Cap, Transmitter (Beige).....	P-19B727
Dial (Black).....	7D
*Dial (Colored).....	7C
Finger Wheel (Colored).....	P-19B524
Grommet, to Hold Top of Ringer.....	P-339688

\*For color, add code numbers as follows:

- Ivory -50
- Green -51
- Red -53
- Beige -55

<u>Description</u>	<u>Piece-part Number of Type</u>
Handset (Black).....	G1A
Handset (Black), with Retractable Cord.....	G1AR
*Handset (Colored).....	G3A
*Handset (Colored), with Retractable Cord.....	G3AR
Housing, Plastic, 558 (Black).....	P-20A225
Housing, Plastic, 558 (Ivory).....	P-20A235
Housing, Plastic, 558 (Green).....	P-20A236
Housing, Plastic, 558 (Red).....	P-20A238
Housing, Plastic, 558 (Beige).....	P-20A240
Housing, Plastic, 554 and 556 (Black).....	P-20A214
Housing, Plastic, 554 and 556 (Ivory).....	P-20A227
Housing, Plastic, 554 and 556 (Green).....	P-20A228
Housing, Plastic, 554 and 556 (Red).....	P-20A230
Housing, Plastic, 554 and 556 (Beige).....	P-20A232
Retainer, for Terminal Strip in 558.....	P-338888
Ringer .....	C4A
Screw, to Mount Terminal Strip.....	P-294615
Screw, to Mount 584B Key.....	P-471904
Terminal Strip and Key Assembly.....	P-349533

\*For color, add code numbers as follows:

- Ivory -50
- Green -51
- Red -53
- Beige -55

3.03 The following cords are used on these sets:

<u>Cord</u>	<u>Type</u>	<u>Color</u>
H4BF- 3 4 ft.	Regular	Black
H4BH- 3 4 ft.	Retractable	Black
H4BF-50 4 ft.	Regular	Ivory
H4BH-50 4 ft.	Retractable	Ivory
H4BH-52 4 ft.	Retractable	Grey†

†Grey cord is used on the green, red, and beige colored sets.