

TELEPHONE SETS
5300 AND 5400 SERIES
ASSEMBLY OF PARTS

1. GENERAL

1.01 This section covers the assembly of the replaceable parts peculiar to the 5300- and 5400-series telephone sets.

2. RINGER VOLUME CONTROL ASSEMBLY

2.01 The ringer volume control assembly may be provided as a standard item on all 5300- and 5400-series telephone sets (see Fig. 1).



Fig. 1—Ringer Volume Control Assembly

2.02 The washer (spacer) is provided for mounting the left gong on the control arm to prevent the gong mounting screw from protruding through the control arm and striking the gong mounting bracket of the ringer.

Notes

1. On 5306C sets, washer P-10E127 is not required.
2. The ringer volume control assembly must be removed in order to remove the ringer.

2.03 With the ringer volume control in the low volume position (the lever arm towards the edge of the set) and the gong in place on the volume control bracket, there shall be a clearance of at least 1/64 inch between the gongs and the clapper. The clapper shall be centrally located between the sides of the gongs. Gauge by eye.

Note: For this adjustment, the code marking of the movable gong shall be toward the ringer coil, and the ringer biasing spring shall be in the center position.

2.04 The ringer volume is controlled by the volume control arm lever which protrudes through a ringer port in the base of the set. The left ringer gong is mounted on the gong end of the control arm and may be moved to three positions: low, medium, and high, by the operation of the volume control lever (see Fig. 2).

2.05 The ringer volume control assembly may be removed by removing the mounting screw, which also mounts the right front foot to the base of the set, moving the ringer volume

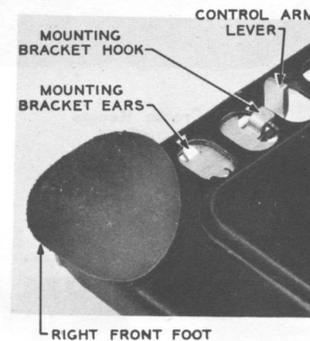


Fig. 2—Mounting Bracket

control assembly toward the front of the base, and lifting it up to disengage the mounting bracket ears and hook which aid in holding the ringer volume control assembly in place.

Note: The mounting bracket hook and ears must be in place before mounting screw is secured.

3. DIAL

3.01 The 5300- and 5400-series telephone sets are equipped with a 5M or a 6H dial. These are standard 5- or 6-type dials equipped with a 164C-3 number plate. (See Fig. 3.)



Fig. 3—6H Dial and P-18A974 Number Ring

4. HOUSING

4.01 The handset cradle of the housing for the 5300- and 5400-series telephone sets will accommodate both the G- and F-type handsets. The handset cradle has a recess to provide a seat for the F-type handset. (See Fig. 4.) The housing is fastened to the webbing of the base by means of the cord anchors' screw.

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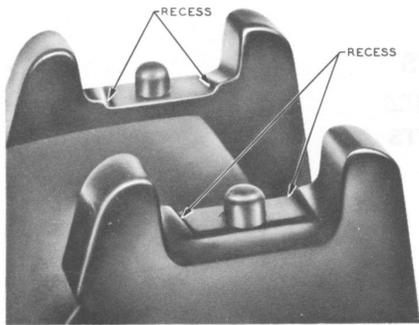


Fig. 4—Cradle Recess

5. CORD ANCHORS AND CORDING

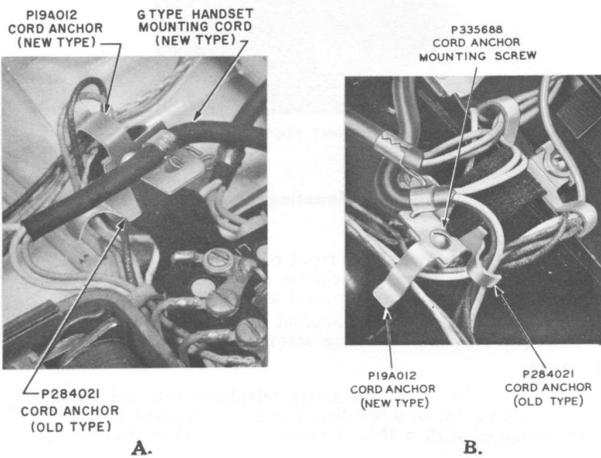


Fig. 5—Cord Anchors

5.01 The 5300- and 5400-series telephone sets are provided with a new cord anchor in addition to the present cord anchor used with the 300- and 400-series telephone sets. The addition of the new cord anchor enables handset cords equipped with either a stay hook or S hook to be terminated. Fig. 5 shows the normal method of arranging handset and mounting cord conductors in these sets. Fig. 5A shows the new G-type handset mounting cord and Fig. 5B shows the old G-type handset mounting cord. The cording within the sets should be dressed away from the ringer gongs and all moving parts.

6. INSTALLATION OF FILTER

6.01 The 5300- and 5400-series telephone sets may be equipped with a 61S filter as shown in Fig. 6.

7. KEY

7.01 The 559C key used with the 5410-type telephone set is equipped with a P-18A993 knob which is approximately 5/16 inch longer than the knob now used on the 559A key (see Fig. 7).

Note: When the ringer volume control is provided in the 5400-series telephone set, the conductor form from the 559C key has been rerouted to prevent the form from contacting the ringer gongs.

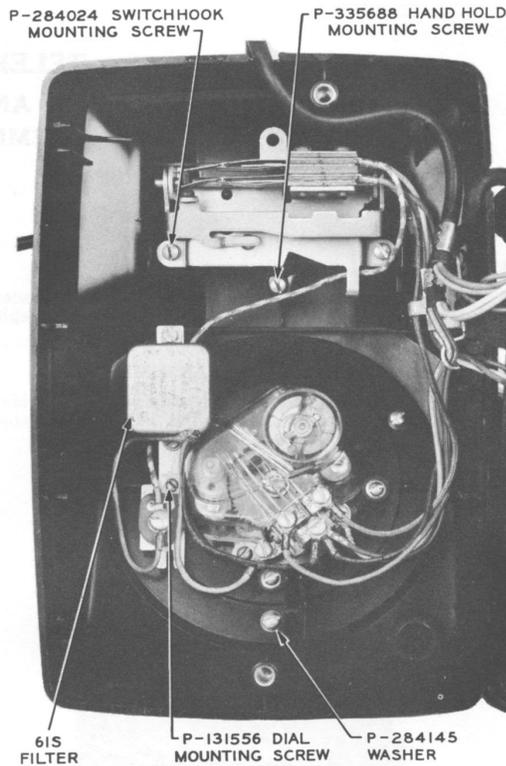


Fig. 6—Installation of 61S Filter

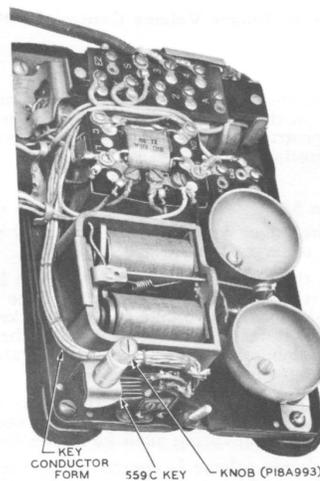


Fig. 7—Base of 5410-type Telephone Set

8. ELECTRON TUBE BRACKET

8.01 The electron tube bracket for the 5306-type telephone set is installed as shown in Fig. 8.

Note: On the 5306-type telephone set the electron tube should be removed from the bracket to facilitate the terminating of the cord conductors on the K or GRD punching.

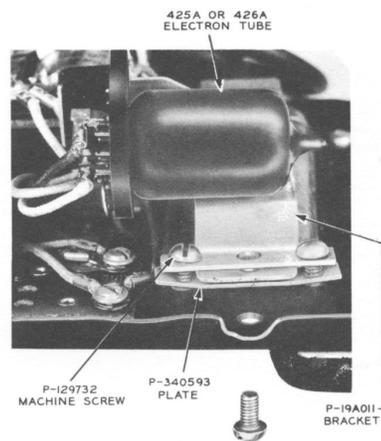


Fig. 8—Electron Tube and Bracket