

TELEPHONE SETS—5300 SERIES

IDENTIFICATION AND ASSEMBLY OF PARTS

1. GENERAL

1.01 This section covers identification and assembly of parts for the 5300 series telephone sets.

1.02 This section is reissued to show installation method for the D3BU mounting cord.

1.03 The 5300 series telephone sets are a conversion by the Western Electric Company of 302G, 304C, and 306C telephone sets to ap-

proach the appearance and performance of 500 series telephone sets.

1.04 The numbering scheme for the 5300 series was derived by preceding the number of the set in the 300 series with the digit 5. For example, the 302G-3 set after being converted would become the 5302G-3 set.

1.05 Replace coded components, if required, in accordance with Table A.

TABLE A
5300 SERIES COMPONENTS

Tel Set	Housing	Mtg Cord	Hand-set	Dial	Dial Adapter	No. Plate	No. Ring	Capacitor	Ind Coil	Ringer	Tube	Filter	Hand Hole Cover	Switchhook Assembly
5302G	P-18A921	D3BN D3BP D3BU‡	G1A F1G F4A	6H* 5M	59A	164C-3	P-18A974	195A	101A	B1A B1A	61S		P-18A965	P-290500
5304C									101B	B2A B2A				P-290501
5306C								195C	101A	B3A †				426A

Note: When more than one code of apparatus or piece part is listed as suitable for replacement purposes in Table A, and local stock on any of these is not available, order that which is boldface.

* Unless otherwise specified, 6H dial shall be used on sets equipped with F4- or G-type hand sets.

† The 41A gong of the B3A ringer shall be equipped with a 101A gong attachment with a solid cover.

‡ Available in 9-, 13-, and 25-foot lengths only.



Fig. 1 – 5300 Series Telephone Sets, Exterior View

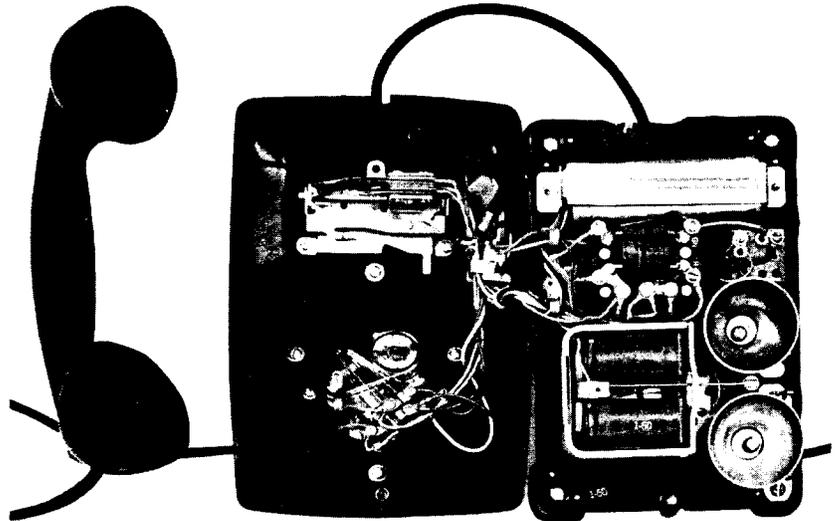


Fig. 2 – 5300 Series Telephone Sets, Interior View

2. IDENTIFICATION

2.01 The 5300 series telephone sets are for use in dial areas only.

2.02 The 5300 series telephone sets (Fig. 1 and 2) are 300 series sets with the following changes:

- Housings are replaced with one similar to that on 500 series sets.

- An adjustable ringer volume control is added.
- The new housing permits use of F- or G-type hand set.
- A bracket is provided for mounting 425A or 426A tube.



Fig. 3 – Cord Anchors, Old Type Cord

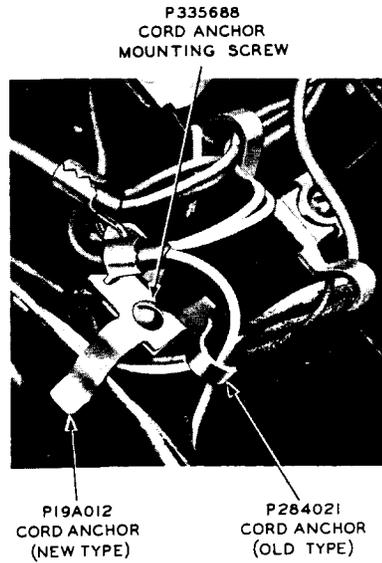


Fig. 4 – Cord Anchors, New Type Cord

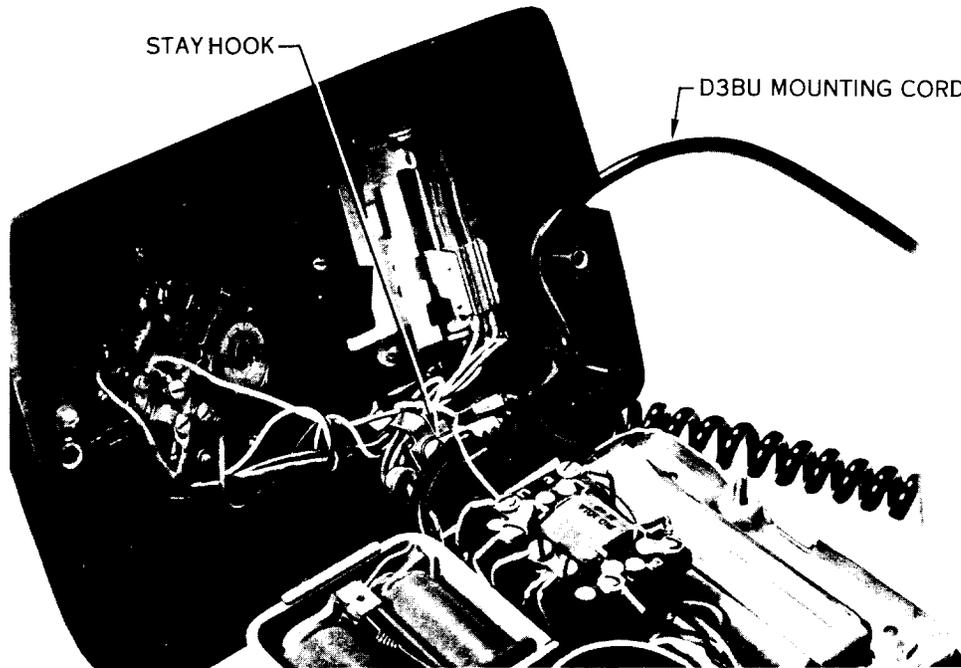


Fig. 5 — Installing D3BU Mounting Cord

3. ASSEMBLY OF PARTS

Cord Anchors and Cording

3.01 An additional cord anchor is provided permitting cords with either a stayhook or an S hook to be terminated. Fig. 3 shows the old mounting cord for G-type hand set, and Fig. 4 shows the new mounting cord for G-type hand set.

3.02 Refer to Fig. 5 for method of installing D3BU mounting cord.

3.03 The mounting cord must be attached first.

3.04 Dress cord leads to avoid interference with ringer gongs.

Dial

3.05 This set is equipped with a standard 5- or 6-type dial having a 164C-3 numberplate (Fig. 6).

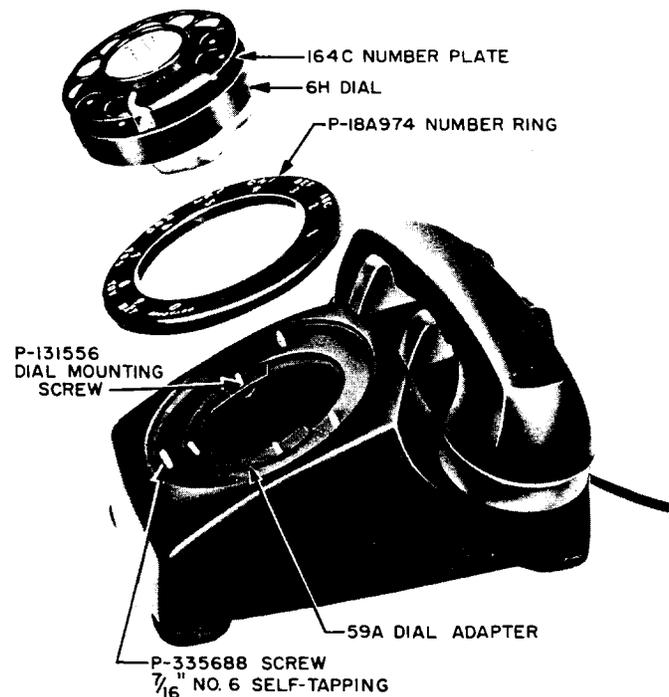


Fig. 6 — Dial Assembly

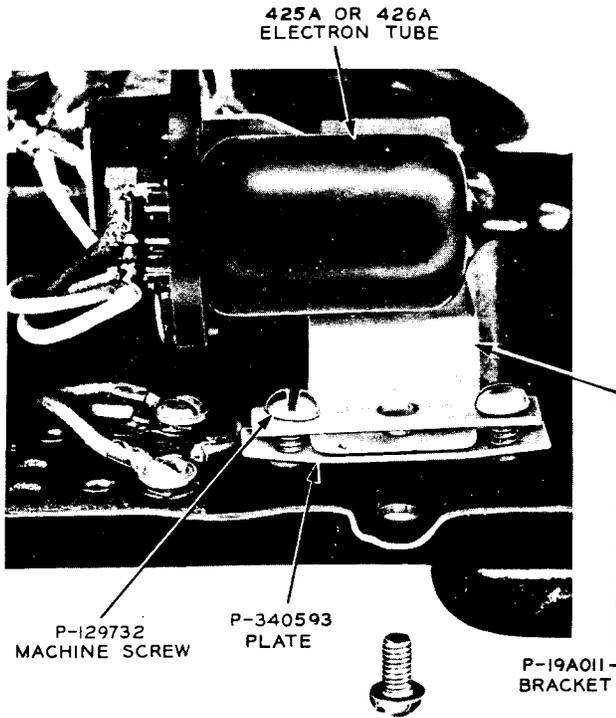


Fig. 7 - Electron Tube Bracket

Electron Tube Bracket

3.06 The electron tube bracket for the 5306-type telephone set is placed as shown in Fig. 7.

Filter

3.07 This set may be equipped with a 61S filter as shown in Fig. 8.

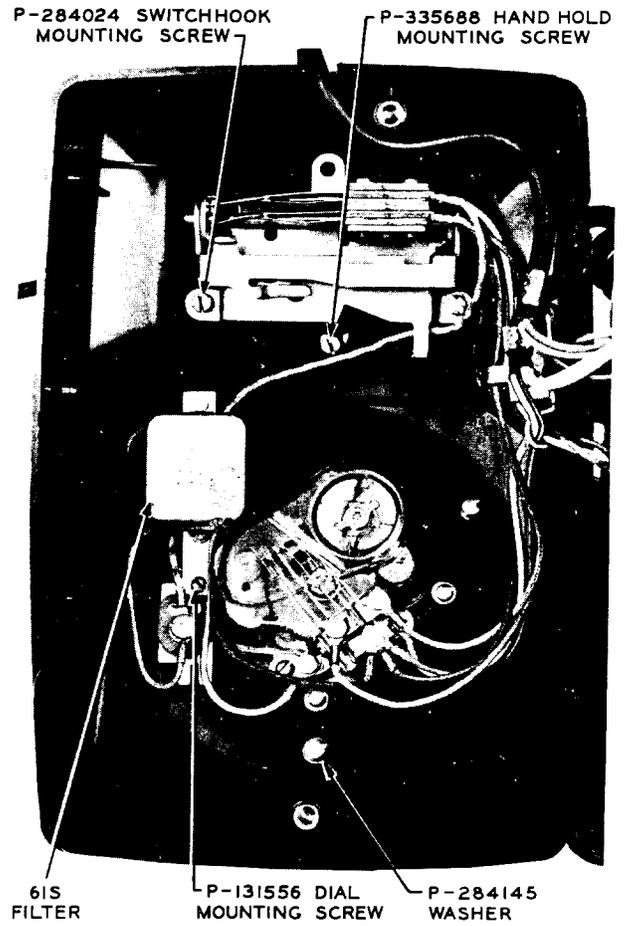


Fig. 8 - Filter and Switchhook Assembly

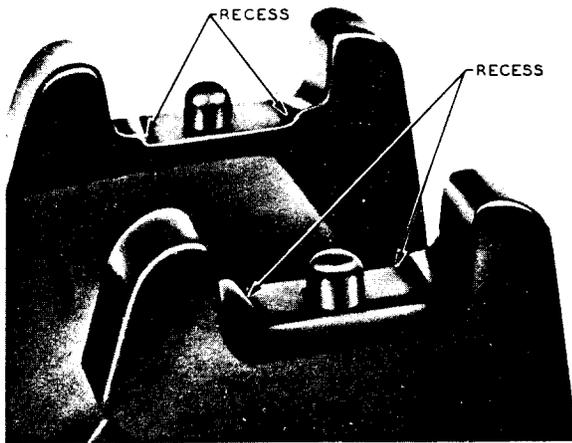


Fig. 9 - Cradle Recess

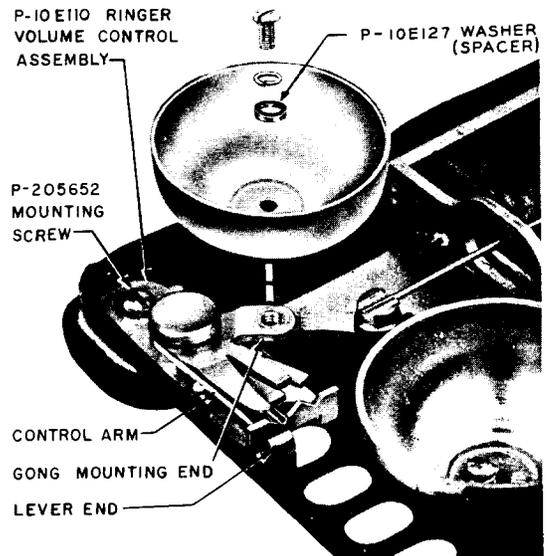


Fig. 10 - Ringer Volume Control Assembly

Switchhook Assembly

3.08 The switchhook assembly for this series is shown in Fig. 8.

Housing

3.09 The handset cradle of the housing for the 5300 series telephone set will accommodate the F- and G-type hand sets. A recess is provided for the F-type hand set. (See Fig. 9.) The housing is fastened to the webbing of the base by means of the cord anchor screw.

Ringer Volume Control

3.10 The ringer volume control assembly is provided on all 5300 series telephone sets.

3.11 Ringer volume is varied by control arm lever which protrudes through ringer port in base of set. Left ringer gong is mounted on gong end of control arm and may be moved to three positions (low, medium, and high) by operation of volume control lever (Fig. 10 and 11).

3.12 Assembly must be removed in order to replace ringer. To remove assembly:

- (1) Remove mounting screw which also mounts the right front foot to the base.

- (2) Move assembly toward front of base.

- (3) Lift up to disengage mounting bracket ears and hook which aid in holding assembly in place.

3.13 When placing assembly, mounting bracket hook and ears must be in place before mounting screw is secured.

Note: Washer P-10E127 is not required on 5306C telephone sets.

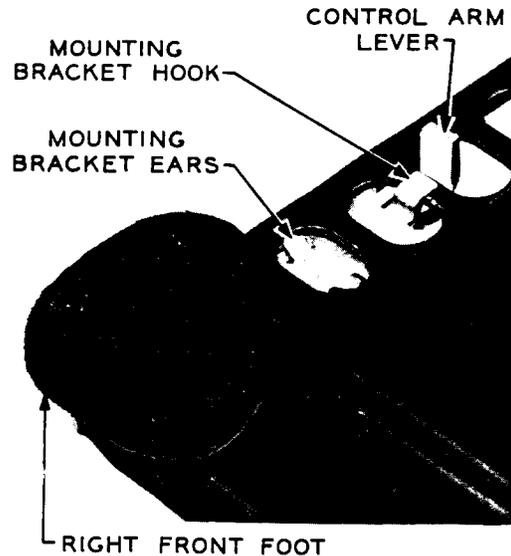


Fig. 11 — Mounting Bracket