

891B

## TELEPHONE SETS — 5300 SERIES

### MAINTENANCE

#### 1.00 INTRODUCTION

This section covers the maintenance of 5300 series telephone sets and is reissued to correct Fig. 3.

#### 2.00 GENERAL

2.01 The maintenance practice to be followed for the 5300 series telephone sets generally will be the same as now outlined in the section entitled Telephone Sets, 300 Series, Maintenance.

2.02 This section covers only additional maintenance information peculiar to the 5300 series telephone sets.

#### 3.00 ELECTRON TUBE BRACKET

When replacing or rearranging the mounting cord, remove the electron tube from the bracket to facilitate terminating the R and GND conductors.

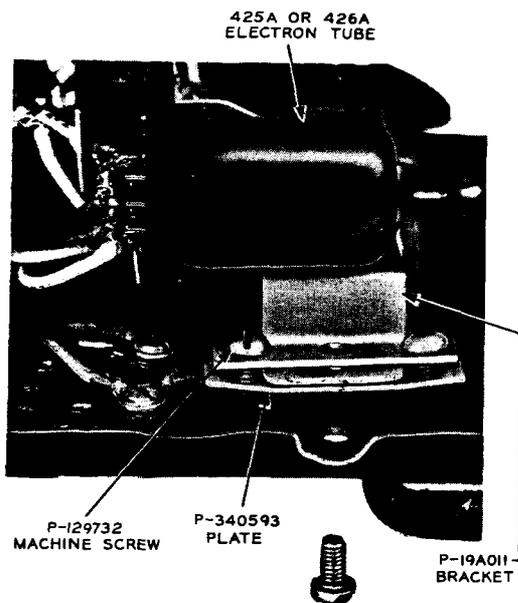


Fig. 1 — Electron Tube and Bracket

#### 4.00 RINGER VOLUME CONTROL ASSEMBLY

4.01 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  $\frac{1}{64}$  inch between the gong and the clapper. The clapper shall be centrally located between the sides of both gongs. Gauge visually.

**Note:** For this adjustment, the ringer bias spring shall be in the center position.

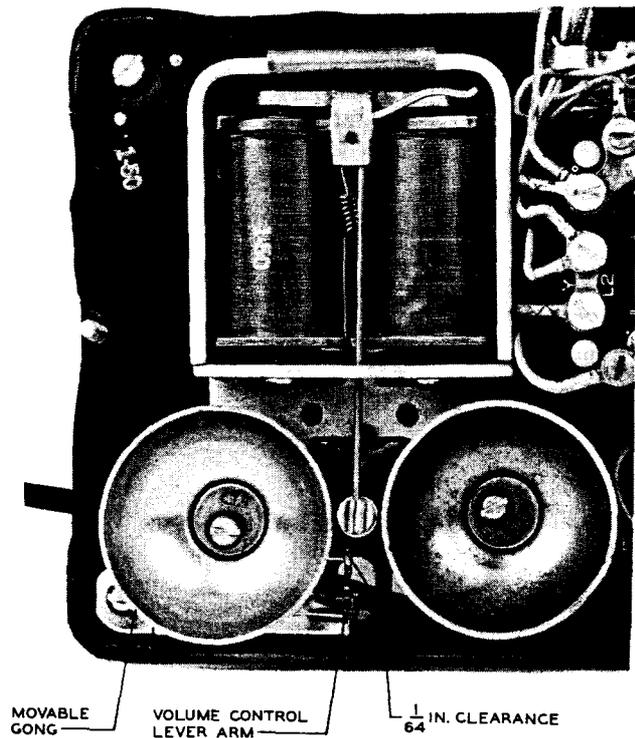
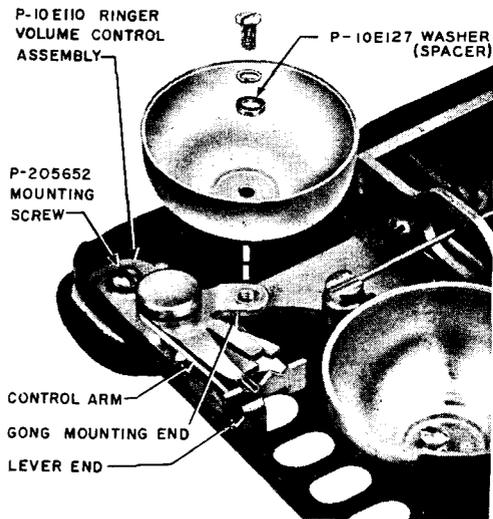


Fig. 2 — Ringer Gong Adjustment

4.02 The ringer volume control assembly must be removed in order to replace the ringer.



Note: On 5306C sets, washer P-10E127 is not required.

Fig. 3 — Ringer Volume Control Assembly

### 5.00 RINGER

When replacing ringer, make certain that clearance is provided for operation of left ringer

gong through its three positions on the ringer volume control assembly. If this clearance is not obtained, it will be necessary to bend the left ear of ringer bracket downward approximately 1/16 inch, using pliers as shown in Fig. 4.

Note: Disconnect red conductor of mounting cord from terminal at induction coil or connecting block to avoid service interruption.

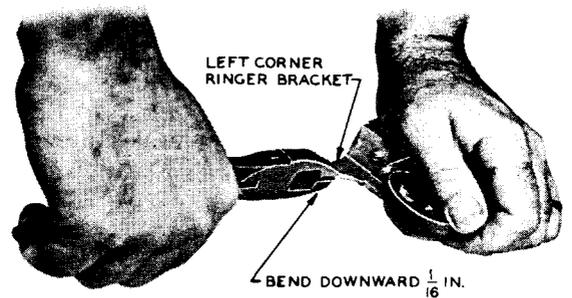


Fig. 4 — Method of Bending Left Ear of Ringer Bracket