

## KEY TELEPHONE SETS CORDING

### 1. GENERAL

1.01 This section covers the cording of 401, 402, 410, 411, 412, 440, 441, 444, 445, 460, 461, 462, 464, 465, and 466 type telephone sets.

1.02 This section is reissued to include information for sets equipped with the 6-type dial, and for additional codes of four and six button sets, to rearrange the information and to make other revisions of a minor nature. Due to the extent of rearrangement, arrows indicating revisions have been omitted.

1.03 Cords should be properly anchored within the mounting. If recording is necessary, cords and conductors should be arranged in accordance with applicable figure.

1.04 The figures given herein are intended to show only the mechanical arrangement of the cords and conductors within the telephone sets so as to obtain correct anchorage, avoid interference with other parts, etc. For connection information refer to the "SD" drawings listed in the sections covering the description of Key Telephone System 1A, Key Telephone System 1A1 and 755A P.B.X. This information for the Key Telephone Systems is in sub-division C53. (other than 462 and 466 type sets) and for the P.B.X. is in sub-division B856. (462 and 466 type sets).

1.05 Conductors should be dressed so as not to come into contact with the ringer gongs and moving parts. In connecting conductors to terminal "R" of 4- and 5-type dials and to terminals "W" and "Y" of 6-type dials, be sure that the cord tips do not come into contact with the adjacent dial mounting screws.

### 2. CORDING

#### General

2.01 Because of the large number of codes of key telephone sets, it is not feasible to show detailed cording information for every code of set. Typical information is provided by the figures shown and the same general principles of cording should be followed in the case of similar sets not specifically shown.

#### Manual Telephone Sets

2.02 Manual sets are corded the same as dial sets of similar code number in accordance with the applicable figure of Figs. 4 to 11, inclusive, except for the variations caused by the presence of an apparatus blank in the manual sets instead of a dial. The cording at the apparatus blank should be as shown in Fig. 1.

#### Dial Telephone Sets

2.03 The cording of sets having 6-type dials should be in accordance with the applicable figure of Figs. 4 to 11, inclusive. The same information applies to sets with 4- or 5-type dials except for the dial cording which should be as shown in Fig. 3 for dials with twin contacts and as shown in Fig. 2 for dials with single contacts.

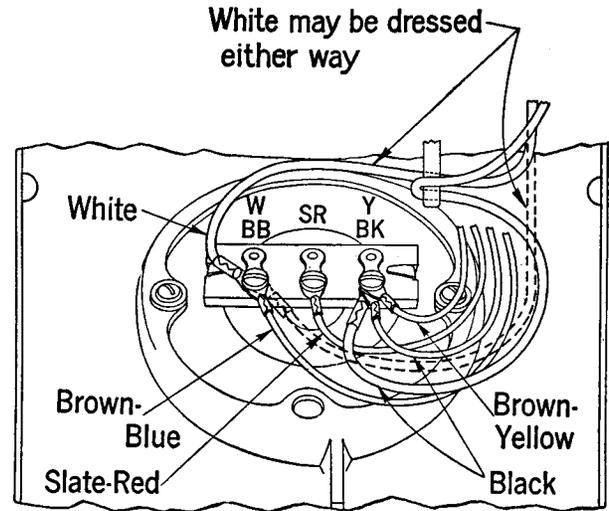
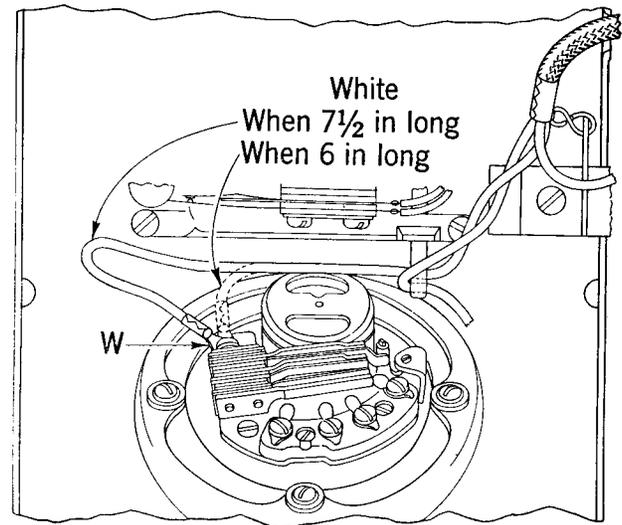


Fig. 1—82A Apparatus Blank



Note: Remainder of conductors to dial terminals are corded as shown in Fig. 3.

Fig. 2—Single Contact 4- or 5-Type Dial

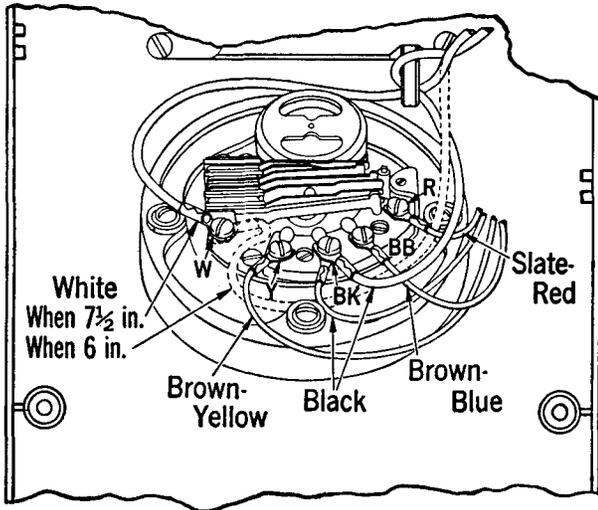
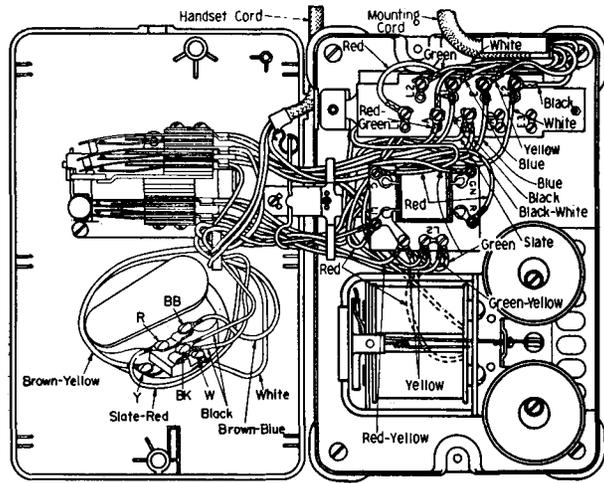
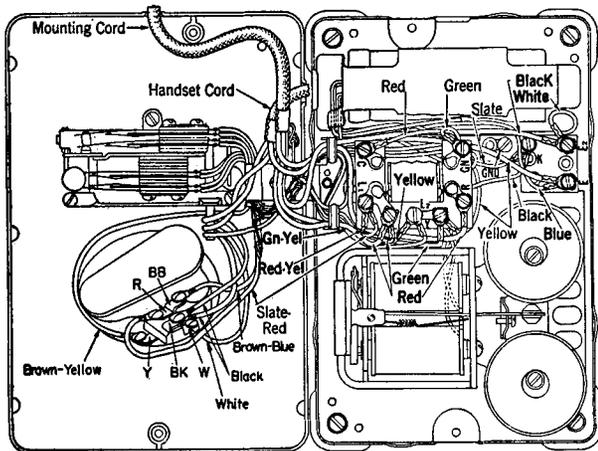


Fig. 3—Twin Contact 4- or 5-Type Dial



(402C Telephone Set with 6-Type Dial Shown)

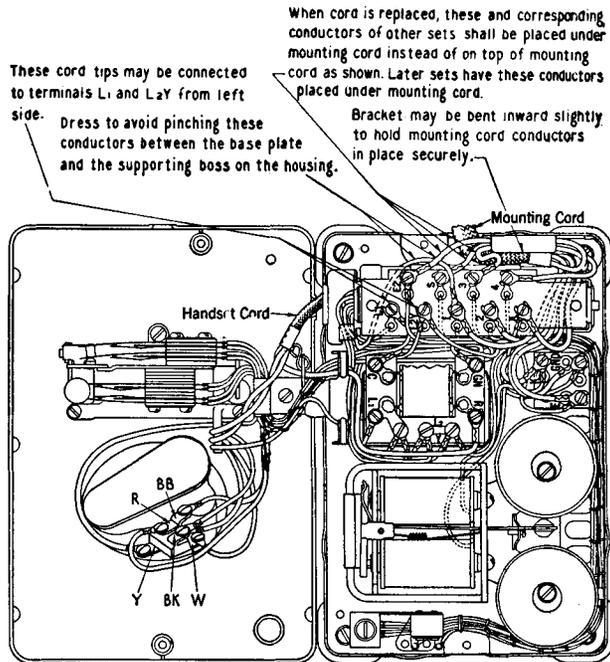
Fig. 5—402 Type Telephone Sets



(401A Type Telephone Set with 6-Type Dial Shown)

Note: Conductors may either be laced as shown or enclosed in sleeving as on sets of later manufacture.

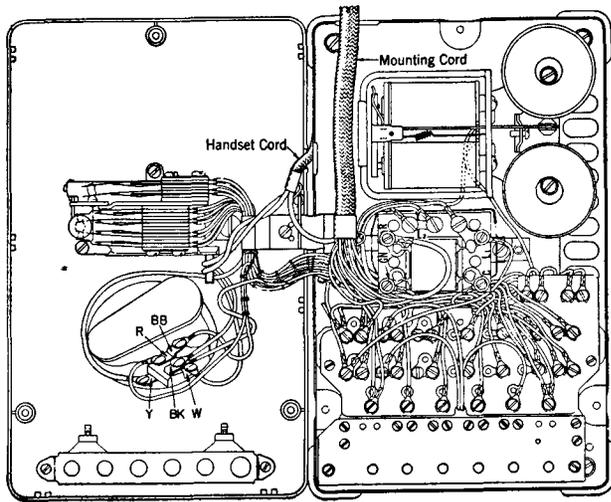
Fig. 4—401 Type Telephone Sets



(411C Type Telephone Set with 6-Type Dial Shown)

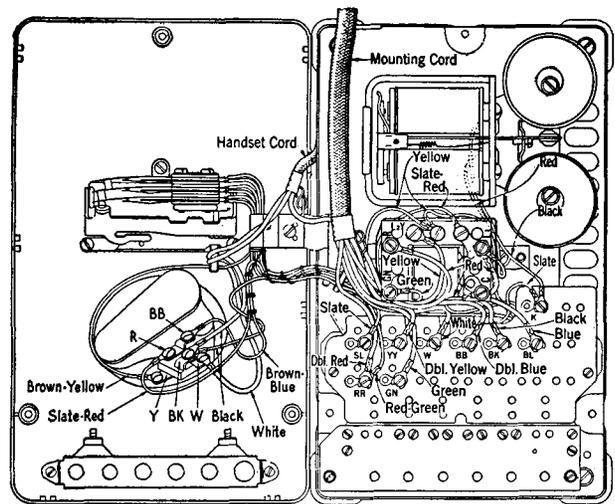
Note: Conductors may either be laced as shown or enclosed in sleeving as on sets of later manufacture or conductors to key may be grouped by crossing two conductors over and under remaining conductors.

Fig. 6—410, 411 and 412 Type Telephone Sets



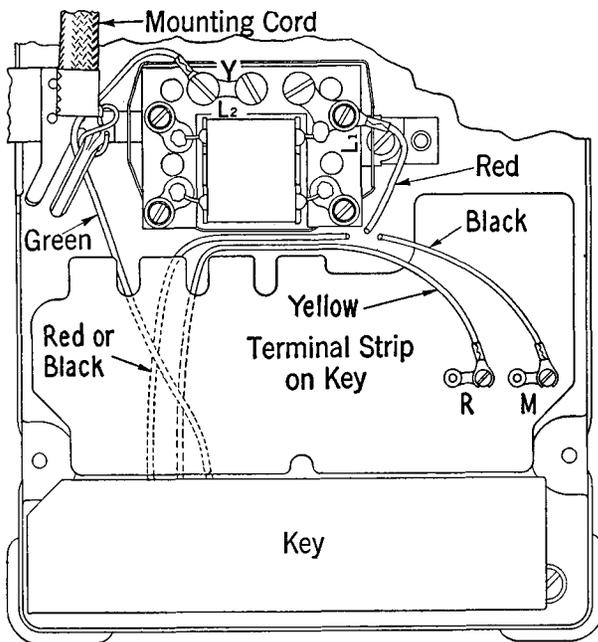
(461K Type Telephone Set with 6-Type Dial Shown)  
 Note: Conductors may either be laced as shown or enclosed in sleeving as on sets of later manufacture.

Fig. 7—440, 441, 460 and 461 Type Telephone Sets



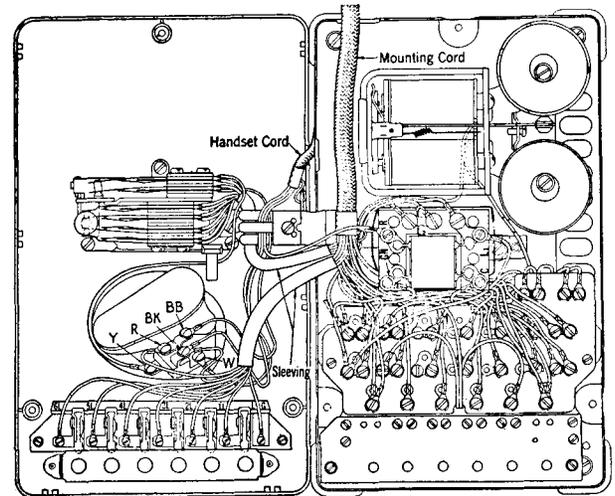
(462AB Telephone Set with 6-Type Dial Shown)  
 Note: Conductors may either be laced as shown or enclosed in sleeving as on sets of later manufacture.

Fig. 9—462 Type Telephone Sets



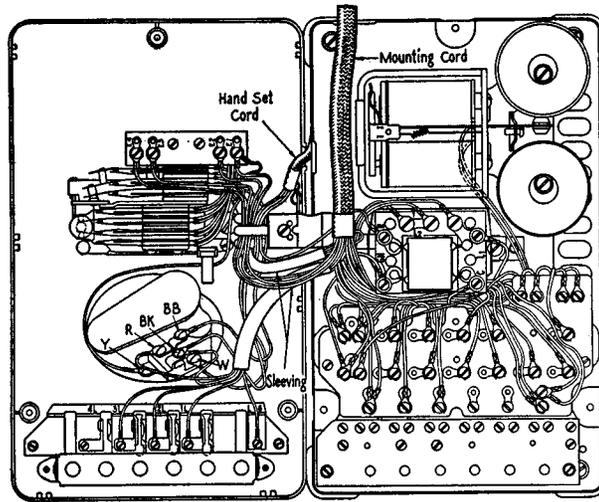
Note: Conductors from Key are either Green and Red or Green, Black and Yellow depending on particular telephone set involved.

Fig. 8—Method of Fastening Mounting Cord to Bracket and of Dressing Conductors from Key to Induction Coil or to Terminal Strip on Key of Four and Six Button Key Telephone Sets.



(465AC Telephone Set with 6-Type Dial Shown)  
 Note: Conductors may either be enclosed in sleeving as shown or laced as on sets of earlier manufacture.

Fig. 10—444, 445, 464, 465 and 466 Type Telephone Sets



(465LG Telephone Set with 6-Type Dial Shown)

Note: Conductors may either be enclosed in sleeving as shown or laced as on sets of earlier manufacture.

Fig. 11—440, 441, 444, 445, 460, 464 and 465 Telephone Sets of Types Having Line Switch with Three Sets of Contacts.