

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C32.504
Issue 4, 5-15-47
AT&T Co Standard

TELEPHONE SETS

DESK TYPES

CORDING

1. GENERAL

1.01 This section covers the cording of the D-173487, 302, 303, 304, 305, 306 and 307 type telephone sets. It is reissued to include the D-173487, 305E, F, G, H and 303 type telephone sets, to show the cording of the 302E, F, G and H telephone sets connected for tip party stations instead of for ring party, to make a few changes of minor nature in method of cording the 306 and 307 type sets to bring them up to date and to provide for securing the hand set cord of the Connecticut hand set.

1.02 If desired by the subscriber except in the case of the D-173487 set equipped with D-171328 and D-171327 cords both the mounting cord and the hand set cord may be brought out through the opening in the rear of the telephone set mounting instead of through separate openings as shown in the figures herein.

1.03 In cording these sets, care should be taken to dress the conductors away from the gongs and moving parts and in connecting conductors to terminal R of the dial to be sure that the cord tips do not come into contact with the adjacent dial mounting screw.

1.04 To facilitate illustrating the sequence of attaching cord hooks to the bracket of the sets (mounting cord hook first and then the hand set cord hook), the diagrams in this section are drawn with the portion of the bracket to which the "S" hooks of the cords are attached slightly deformed from its true position.

1.05 The 307F, 307G and 307H telephone sets are corded as shown in Fig. 12 except that the red-white conductor shown running to terminal R is connected to terminal E and the green (fourth) hand set conductor (not shown) is also

CONDENSER
INDUCTION COIL

connected to terminal E. These conductors should be dressed ←
running between the condenser and induction coil. ←

2. MANUAL TELEPHONE SETS

2.01 Apparatus Blank

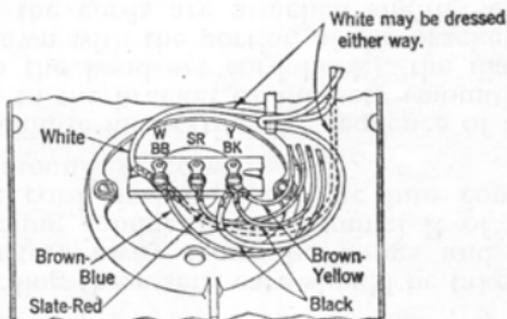


Fig. 1—82A or 92A Apparatus Blank

Note: Cording of apparatus blank on all manual telephone sets is as shown in this figure. Other cording of the manual sets is as shown on the cording drawings of the respective dial sets.

3. DIAL TELEPHONE SETS

3.01 Figs. 3 to 12, inclusive, show the cording of dial sets equipped with twin contact dials and with standard Western Electric Company's or Connecticut Telephone and Electric Company's hand sets. Single contact dials on sets so equipped should be cored in accordance with Fig. 2.

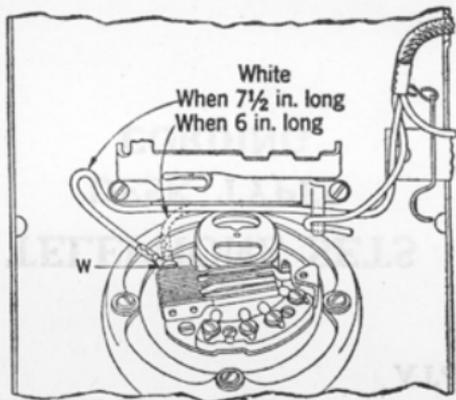


Fig. 2—Single Contact Dial

3.02 Where the hand set cord is provided with a stay cord⁷ (Connecticut hand set cord) it shall pass twice around the cord anchoring bracket at the point engaged by the "S" hook. Then wrap the stay cord around conductors and secure with at least three cable stick loops so as to anchor cord in same relative position as shown in the figures.

3.03 **D-173487 (2 conductor), 302B, 302C and 302D Telephone Sets**

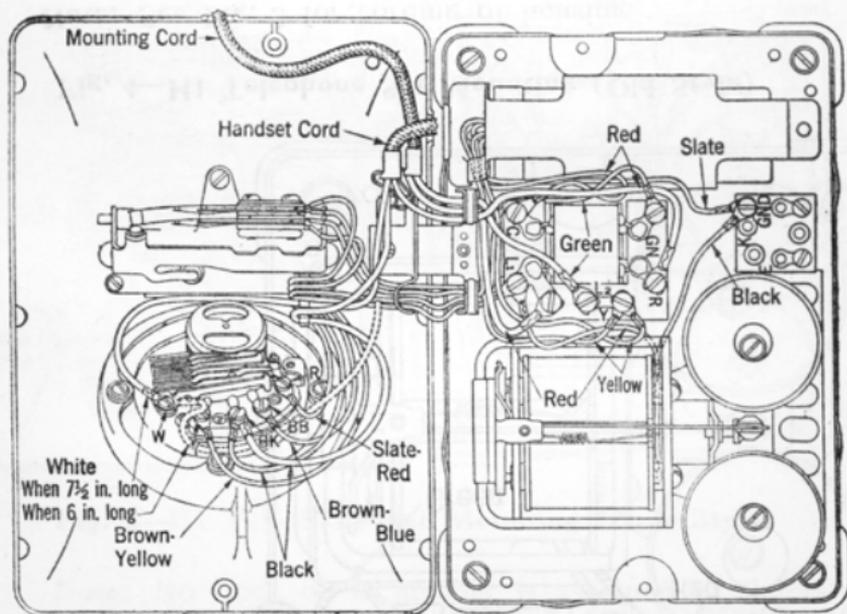


Fig. 3—H1 Telephone Set Mounting (New Style)

Note: No Code or D number is assigned to the telephone set mounting forming part of the D-173487 telephone set. However with regard to features affecting the cording it is similar to the H1 telephone set mounting.

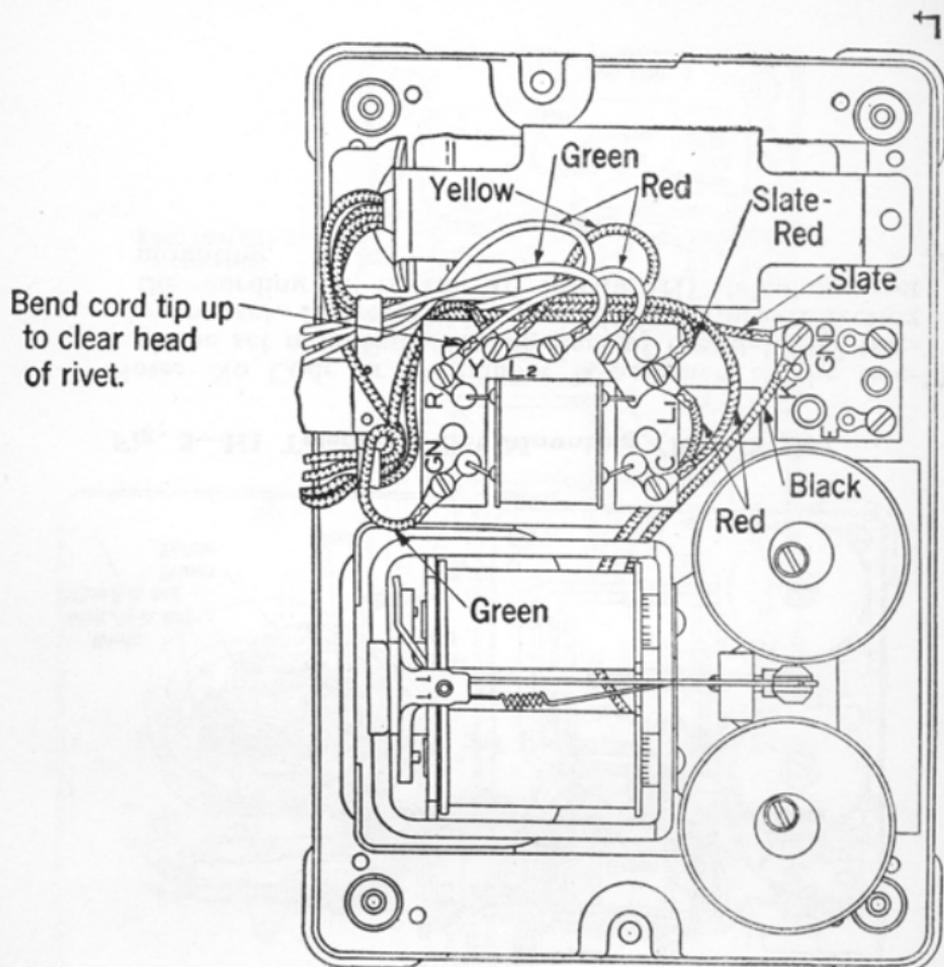


Fig. 4—H1 Telephone Set Mounting (Old Style)

Note: See Fig. 3 for cording of housing.

3.04 D-173487 (3 conductor), 302F, 302G and 302H Tele-
phone Sets

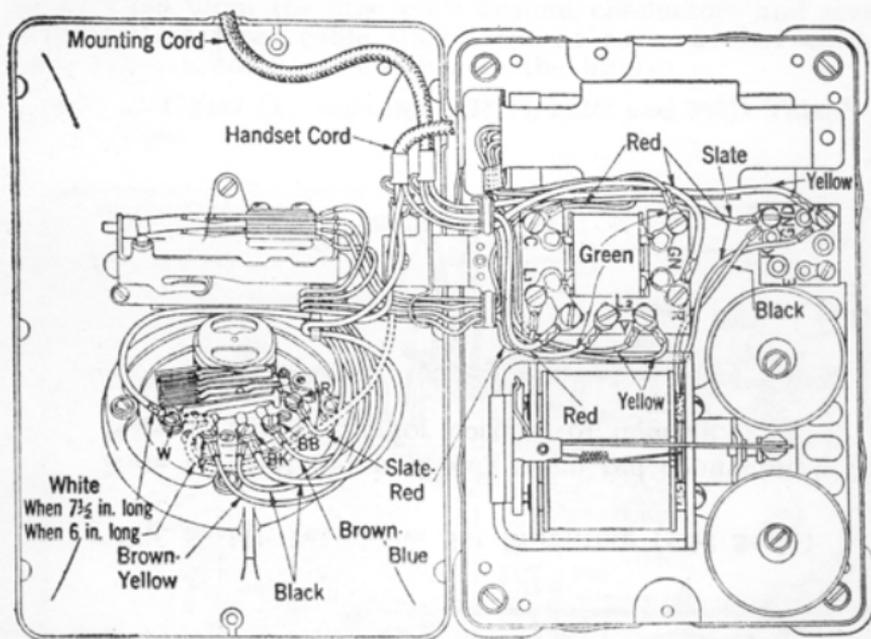


Fig. 5—H1 Telephone Set Mounting (New Style)

Note: No Code or D number is assigned to the telephone set mounting forming part of the D-173487 telephone set. However with regard to features affecting the cording it is similar to the H1 telephone set mounting.

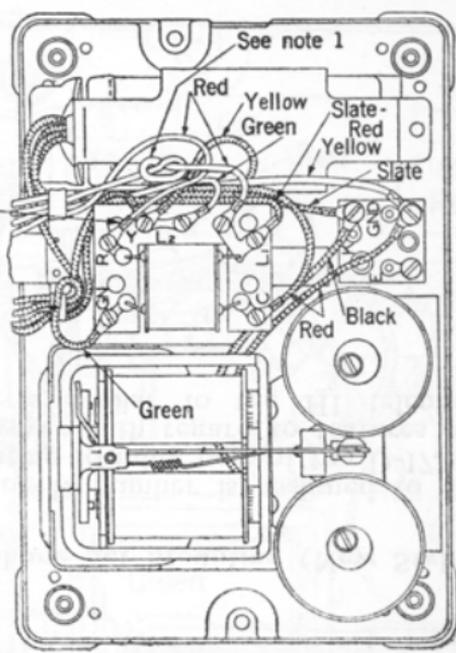


Fig. 6—H1 Telephone Set Mounting (Old Style)

Note 1: Knot required only when red conductor is long.

Note 2: See Fig. 5 for cording of housing.

3.05 303B, 303C and 303D Telephone Sets

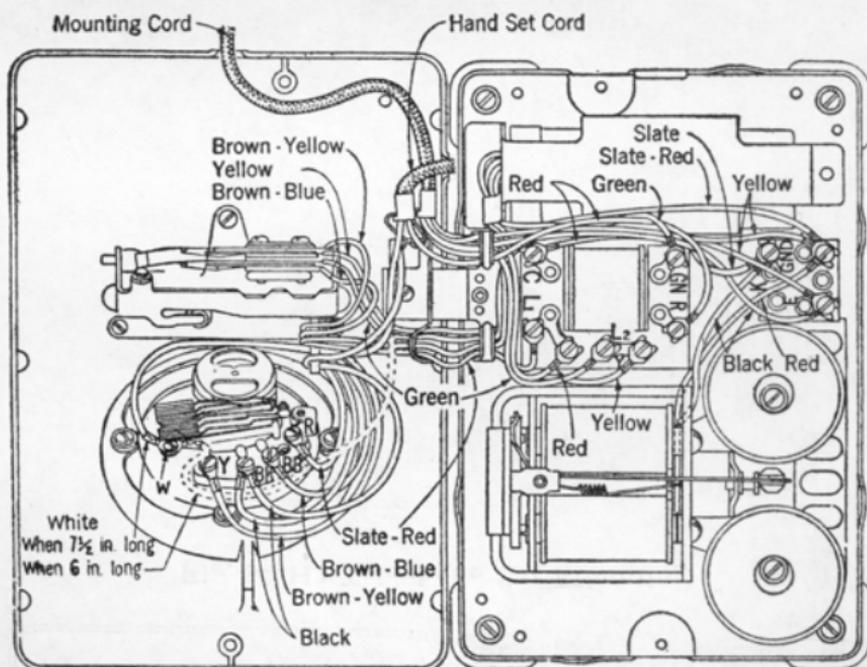


Fig. 7—Special H1 Telephone Set Mounting

3.06 304B, 304C and 304D Telephone Sets

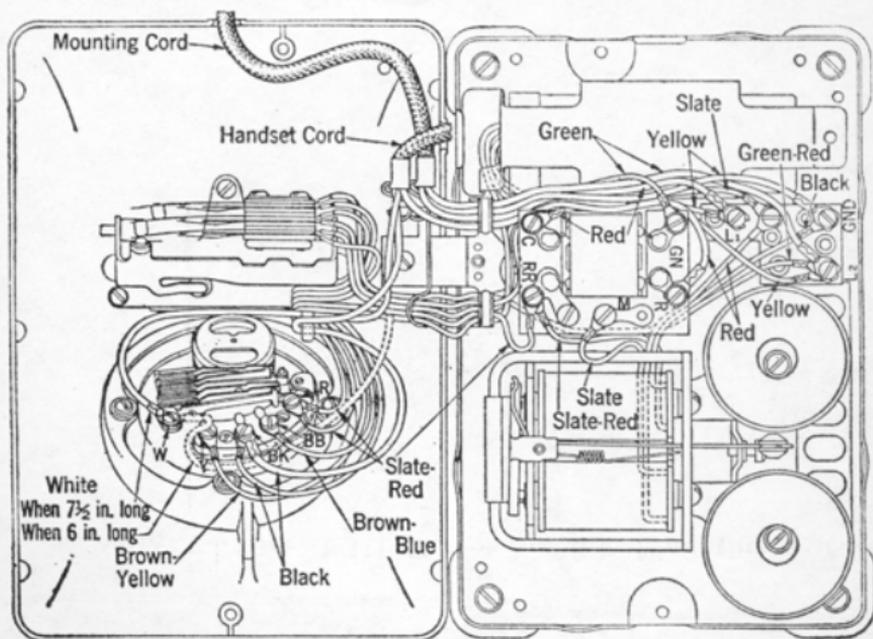


Fig. 8—H3 Telephone Set Mounting

REPAIRING
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3.08 305F, 305G and 305H Telephone Sets

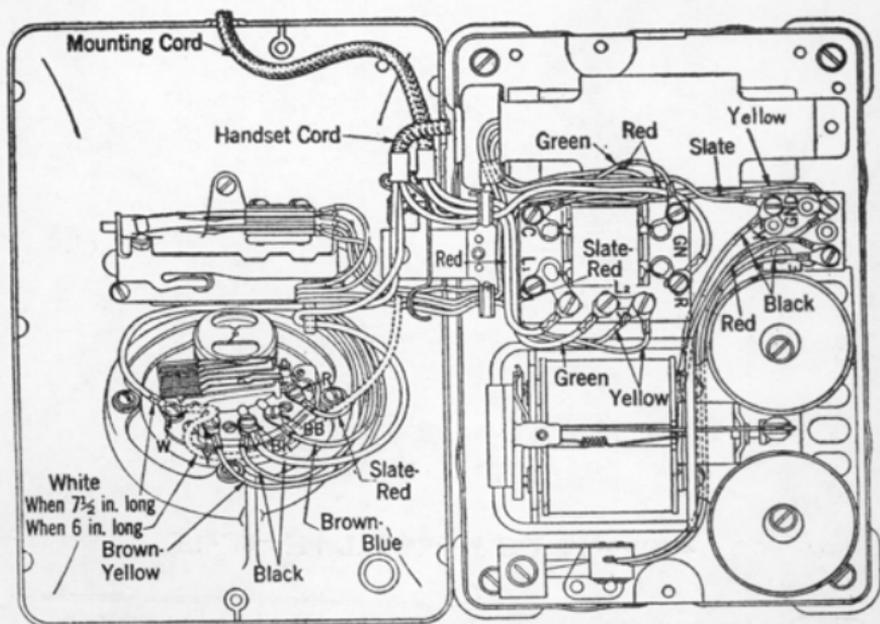


Fig. 10—H4 Telephone Set Mounting

3.09 306B, 306C and 306D Telephone Sets

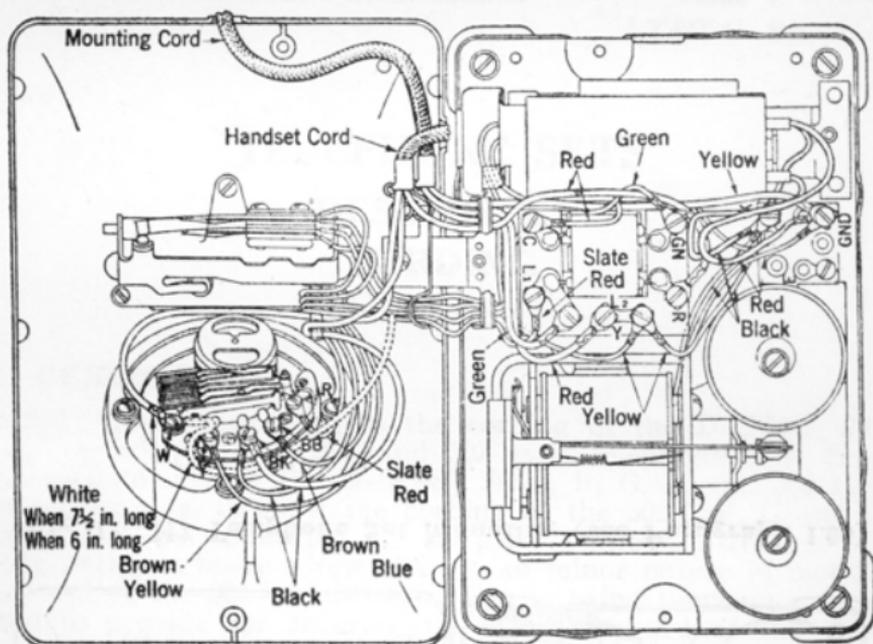


Fig. 11—H5 Telephone Set Mounting

3.10 307B, 307C, 307D, 307F, 307G and 307H Telephone Sets

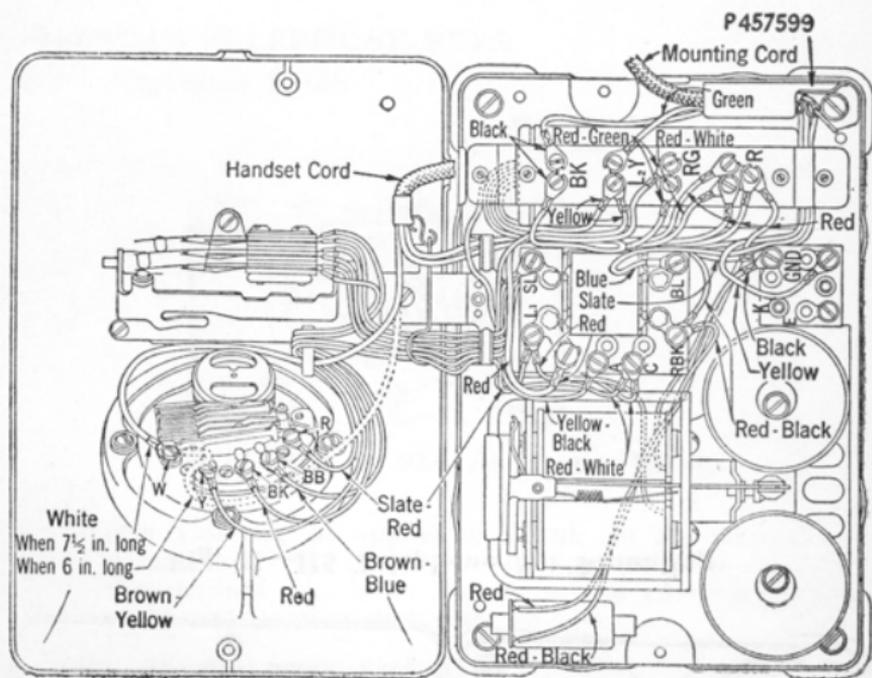


Fig. 12—H7 Telephone Set Mounting (see Paragraph 1.05)