

P-15A417 CORD HOLDER MOUNTING AND USE ON CROSSBAR SWITCHES

1. GENERAL

1.01 This section covers the method of mounting P-15A417 cord holders on crossbar switches (in line link frames) and the method of using the cord holders for supporting service observing and miscellaneous test cords.

1.02 The P-15A417 cord holder is made of corrosion-resistant spring steel wire. The wire is formed into a coil with five widely spaced turns at one end and a number of closely spaced turns and an offset at the other end. The widely spaced turns are used to hold up to four service observing cords. The closely spaced turns are used to prevent interference between the cords and the selecting off-normal springs. The cord holder is secured to the switch frame by the offset part of the holder as shown in Fig. 1.

2. TOOLS

Code or
Spec No.

Description

6-1/2-inch P-Long-nose Pliers

3. PROCEDURES

3.01 Mounting Cord Holder: Mount the cord holder in the circular opening on either side of the crossbar switch as follows. Firmly grasp the short straight portion of the cord holder with the P-long-nose pliers. Insert the holder between the switch and the frame upright as shown in Fig. 1. With the cord holder at an angle of approximately 45 degrees to the circular opening in the side of the crossbar switch, insert the first loop into the opening. Press downward and toward the switch until the entire loop including the bend adjacent to the pliers is inside the opening. Remove the pliers. Rotate the holder until the portion outside the hole is in the position nearest the front of the switch. In the final position, the spring will appear as shown in Fig. 2.

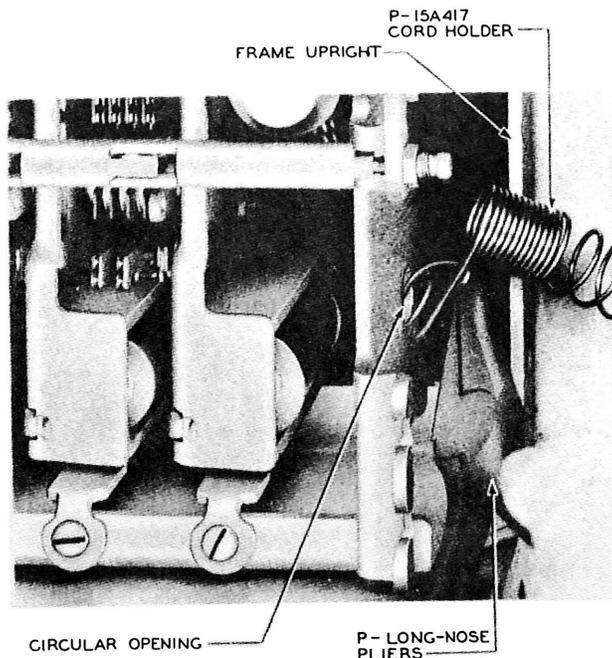


Fig. 1 - Illustrating Mounting of P-15A417 Cord Holder

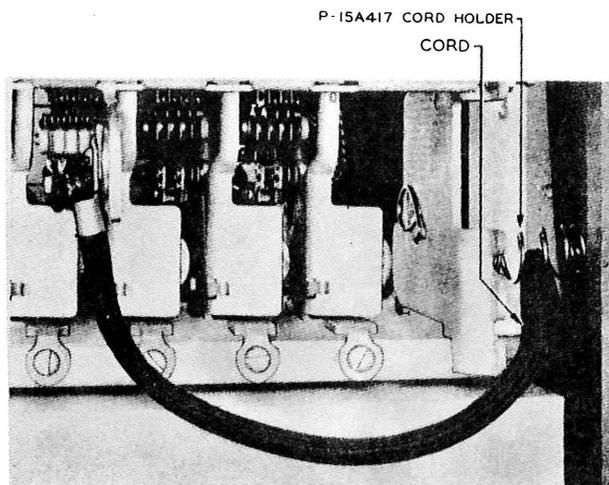


Fig. 2 - Illustrating Mounting of Service Observing Cord Using P-15A417 Cord Holder

SECTION 032-325-801

3.02 Removing Cord Holder: Remove the cord holder from the crossbar switch by grasping the short straight portion of the cord holder at the outside of the switch with the P-long-nose pliers. Press downward and outward until the cord holder is released from the switch. Then withdraw it from between the switch and the frame upright.

3.03 Mounting Service Observing Cords: With the cord holders mounted as required on either side of the crossbar switch as covered in 3.01, place the cords between the spring turns and dress them in the manner shown in Fig. 2 to avoid interference with the selecting off-normal springs and other parts of the switch.