

CABLE TESTING—GENERAL

IDENTIFYING CONDUCTORS WITH CABLEMAN'S TALKING SET

(84A or D161013 Test Set)

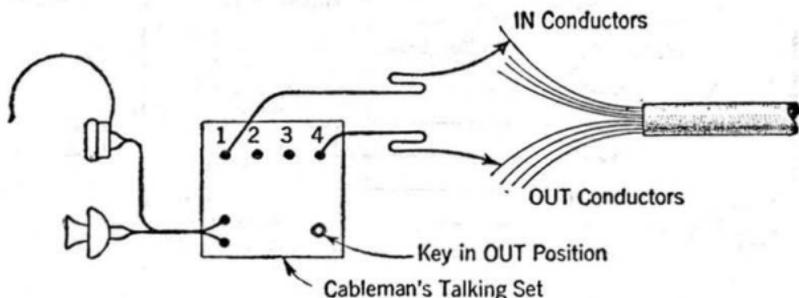
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1. GENERAL

1.01 This section outlines the method of identifying conductors using the Cableman's Talking Set (84A or D161013 Test Set).

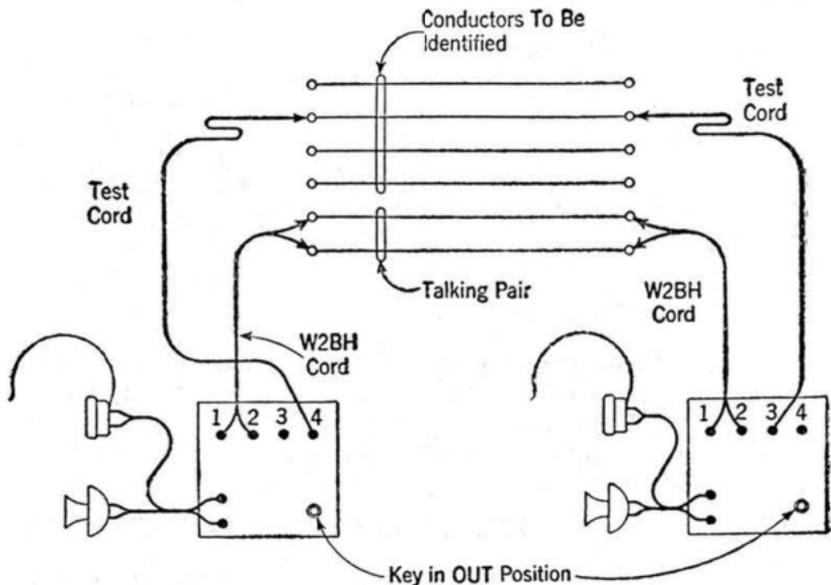
2. CONDUCTORS IN DEAD CABLE

2.01 Conductors in dead cables may be identified by the battery and receiver method using the Cableman's Talking Set. If the ends of the conductors are accessible at one point, as the IN and OUT conductors of a loading coil case, one set is used as shown in the following diagram.



2.02 If the two ends are not accessible at one point, such as in testing through a length of cable between man-holes, two sets will be required. The connections to the set

and a talking pair are shown in the following diagram. The test cord of one set is connected to post 4 while at the other end the cord is connected to post 3.



3. CONDUCTORS IN WORKING CABLE

3.01 When identifying conductors in working cables, the Cableman's Talking Set can be used in conjunction with a 107A amplifier. A typical connection at the identifying end is shown in the following diagram.

