

CABLE TESTING—GENERAL

TALKING CIRCUIT WITH CABLEMAN'S TALKING SET

(84A or D161013 Test Set)

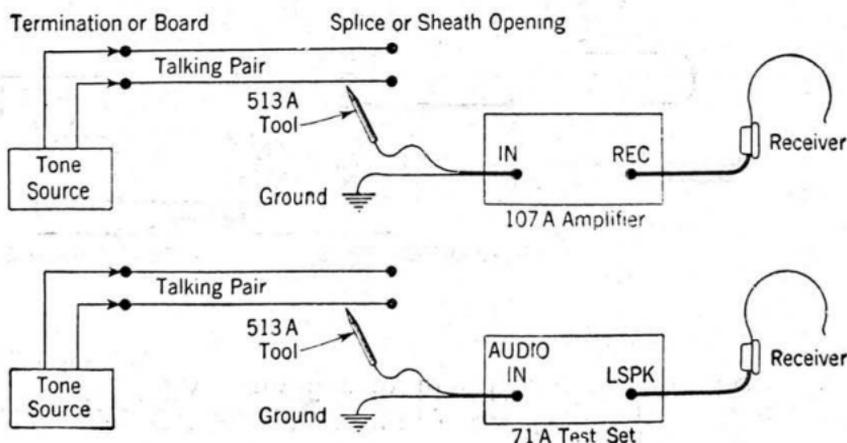
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1. GENERAL

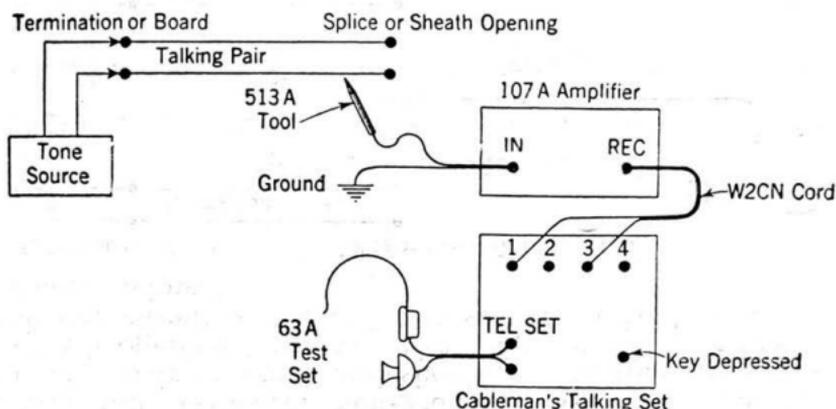
1.01 This section describes the method of establishing a talking circuit with the Cableman's Talking Set (84A or D161013 Test Set) which should be used in long toll cables as well as in exchange cables, if the talking circuits with 43A or 76-type sets do not work satisfactorily.

2. TALKING CIRCUIT

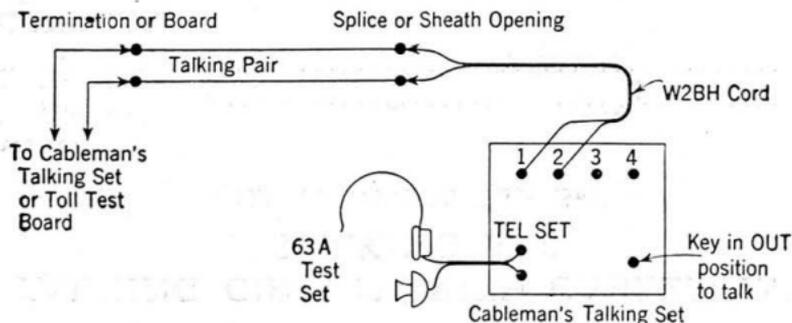
2.01 In long toll cables the talking circuit will generally be established by sending tone from a termination or a primary toll testboard. Non-grounded tone will generally be sent on a pair or quad, and should be identified at the splice or sheath opening by means of a 107A amplifier, or the audio-frequency circuit of the 71A test set, and a 513A tool (probe), as shown below.



2.02 The Cableman's Talking Set may be combined with the 107A Amplifier in identifying the talking pair, as shown below.



2.03 After the talking pair has been located at the splice or sheath opening, connect it to the talking set by means of the W2BH cord as shown below. If tone is being sent on only one pair of a quad the talking pair will generally be the one with the weaker tone.



2.04 The Cableman's Talking Set should be used for talking over the repeated talking pair associated with the gas pressure alarm system in long toll cables. Connections will generally be made at a contactor-terminal or a three-pair gas-tight terminal.