COILS AND CASES

SPLICING LOADING COILS

NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G59. 607. 1 with information relative to testing and pointing loading coils in trunk and exchange cables; it is being reissued to include an additional method of arranging stub cables when splicing two loading coil stubs to a main cable.

The following paragraphs should be marked "See Addendum" and treated as indicated.

Paragraph 2. 01 - Replaced
Paragraph 3. 02, 4. 02 - Added

2. PREPARATION

2. 01 Test each pair in the stub cable of all TOLL loading coil cases for opens, crosses, short circuits and grounds before splicing the loading coil stub cable to the main cable. Do not use direct battery for testing loading coils. Use only the tone circuit of standard apparatus for making these tests.

Note: The above test should also be made on exchange or trunk loading coils where the tags marking defective coils have become detached from the stub cable conductors.

3. POINTING OF COILS

3. 02 Loading coils connected to exchange or trunk cables shall be pointed as follows:

(a) Trunk Cables

(1) Point "IN" pairs toward Mutual Office, Los Angeles, or Main Office, San Diego, as the case may be.

(2) When loading cables between two outlying offices, point "IN" pairs toward the office nearest Mutual Office, Los Angeles, or Main Office, San Diego, as the case may be.

Note: The nearest office being the one with the shortest cable route to Mutual or Main - not airline or highway distance.

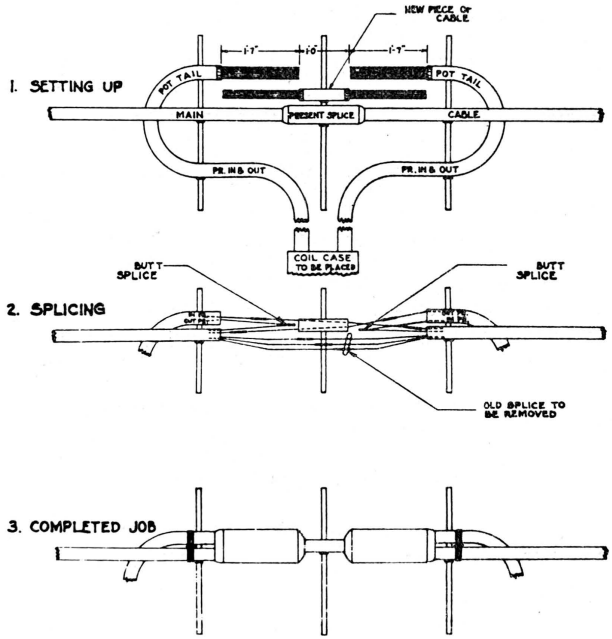
(b) Exchange Cables

(1) Point "IN" pairs toward the office involved.

4. CONNECTIONS DIRECT TO MAIN CABLE

4.02 When two loading coil case stubs are to be spliced to a main cable, suggested arrangements of stub cables and methods of splicing are shown in the following illustrations.

(a) The following illustration may be used when splicing two loading coil case stubs to an existing main cable.

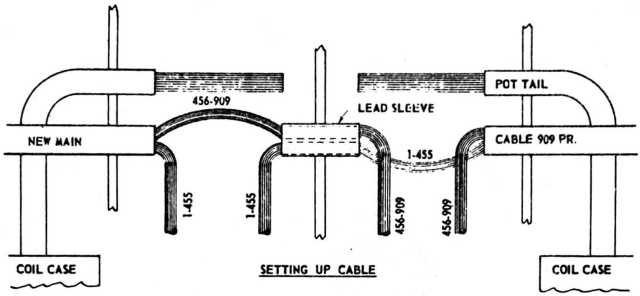


(b) When splicing two loading coil case stubs to a new cable, the following method may be used.

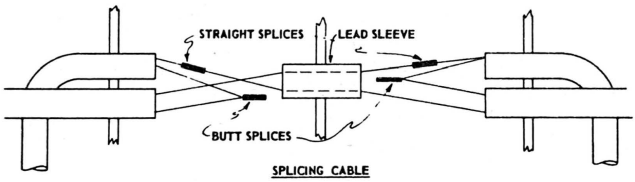
(1) Cable ends should be overlapped to enable removal of the sheath and the conductors inserted through an intermediate lead sleeve as illustrated in sketch No. 1.

(2) Desiccant and muslin should be applied to the conductors before placing them through the sleeve.

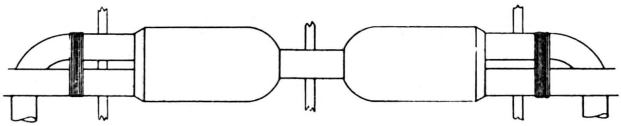
(3) After conductors have been placed through the sleeve, prepare the ends of the sleeve and make splice openings as outlined in other sections of the practices covering preparation of cable ends.



SETTING UP CABLE



SPLICING CABLE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