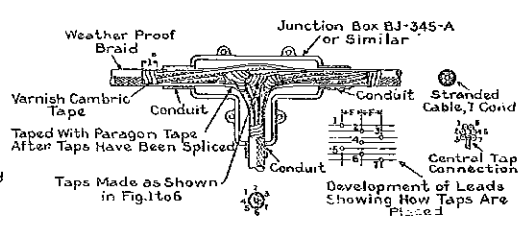
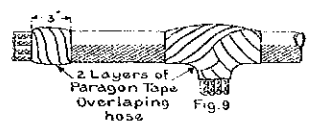
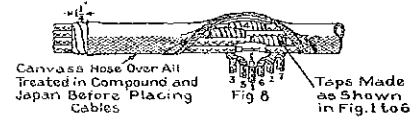
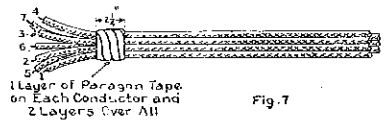
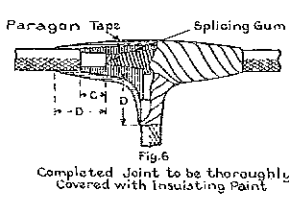
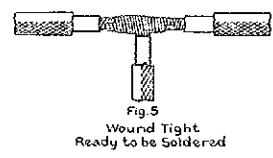
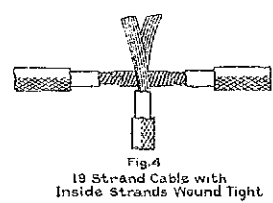
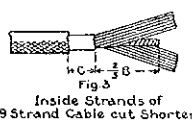
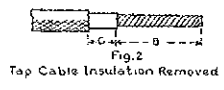
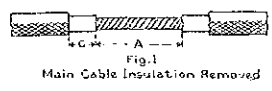


METHOD OF MAKING TAP CONNECTIONS FOR CAR CABLES



Size of Tap Cable (Circular Mills)	SIZE OF MAIN CABLE																							
	Circular Mills																							
	Dimensions in Inches																							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
212,000	4	5	3 3/4	4 1/2	3 1/4	4	3 1/2	3 3/4	3	3 1/2	3	3 1/4	3	2 3/4	3	2 1/2								
168,000	3 1/2	4 1/4	3 1/4	4 1/4	3 1/4	4	3 1/4	3 3/4	3	3 1/2	3	3 1/4	3	2 3/4	3	2 1/2								
133,000	3	4 1/2	3	4 1/2	3	4	3	3 3/4	2 3/4	3 1/2	2 3/4	3	2 3/4	2 1/2	2 3/4	2								
106,000	2 3/4	4 1/2	2 3/4	4 1/2	2 3/4	4	2 3/4	3 3/4	2 3/4	3 1/2	2 3/4	3	2 3/4	2 1/2	2 3/4	2								
83,500	2 1/2	4 1/4	2 1/2	4 1/2	2 1/2	4	2 1/2	3 3/4	2 1/2	3 1/2	2 1/2	3	2 1/2	2 1/2	2 1/4	2								
66,000	2 1/4	5	2 1/4	4 1/2	2 1/4	3 3/4	2 1/4	3 1/2	2 1/4	3 1/4	2 1/4	2 3/4	2 1/4	2 1/4	2 1/4	1 3/4	2 1/4	1 1/2	2 1/4	1 1/4	2 1/4	1	2 1/4	3/4
41,600	2	5	2	4 1/2	2	3 3/4	2	3 1/2	2	3 1/4	2	2 3/4	2	2 1/4	2	1 3/4	2	1 1/2	2	1 1/4	2	1	2	3/4
26,200	1 1/2	5	1 1/2	4 1/2	1 1/2	3 3/4	1 1/2	3 1/2	1 1/2	3 1/4	1 1/2	2 3/4	1 1/2	2 1/4	1 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/4	1 1/2	1	1 1/2	3/4
16,600	1 1/4	5	1 1/4	4 1/2	1 1/4	3 3/4	1 1/4	3 1/2	1 1/4	3 1/4	1 1/4	2 3/4	1 1/4	2 1/4	1 1/4	1 3/4	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1	1 1/4	3/4
10,400	1	5	1	4 1/2	1	3 3/4	1	3 1/2	1	3 1/4	1	2 3/4	1	2 1/4	1	1 3/4	1	1 1/2	1	1 1/4	1	1	1	3/4
6,560	1	5	1	4 1/2	1	3 3/4	1	3 1/2	1	3 1/4	1	2 3/4	1	2 1/4	1	1 3/4	1	1 1/2	1	1 1/4	1	1	1	3/4
4,100	3/4	5	3/4	4 1/2	3/4	3 3/4	3/4	3 1/2	3/4	3 1/4	3/4	2 3/4	3/4	2 1/4	3/4	1 3/4	3/4	1 1/2	3/4	1 1/4	3/4	1	3/4	3/4

212,000 C.M. to 83,000 C.M. inclusive, C=1 in., D=1 1/4 in. Use three wraps each of splicing gum and paragon tape.
 80,000 C.M. to 26,000 C.M. inclusive, C=3/4 in., D=1 1/4 in. Use three wraps of splicing gum and two wraps of paragon tape.
 26,000 C.M. to 10,400 C.M. inclusive, C=1/2 in., D=1 in. Use two wraps each of splicing gum and paragon tape.
 9,000 C.M. and smaller, C=3/8 in., D=3/4 in. Use two wraps each of splicing gum and paragon tape.

For extra flexible taps make B 3/4 of length called for on list.

Figs. 7, 8 and 9 show different stages of making up cables with canvas hose overall. Conductors are pulled through the hose straight and taps are applied after slit is made in the hose.
 Fig. 10 shows a cable the conductors of which have been stranded together and finished overall with varnished cambric and weatherproofed cotton braid. It also shows how cable may be installed in iron pipe conduit with a junction box where taps come out.

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