

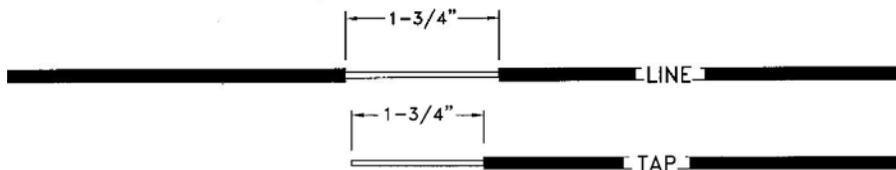
INSTRUCTION No. 72 FOR USING NO. 17-B4-TC AND 31-DC NICOPRESS®  
 TOOLS WITH NICOTAP SERVICE CONNECTORS FOR TRACER WIRE

# Nicotap Sleeves

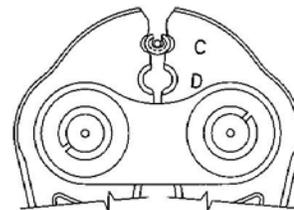
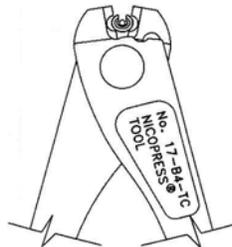
The 17-B4-TC and the 31-DC NICOPRESS® Tools are intended for use with the Nicotap Service Connector Kit for copper or copper covered steel tracer wire applications. The Service Connector Kit also includes the mastic splice sealing compound.

LINE WIRE Copper or Copper Covered Steel	TAP WIRE Copper or Copper Covered Steel	NICOTAP CAT. NO.	TOOL	GROOVE	PRESSES / HALF
#14 AWG	#14 AWG	T1-064-C	17-B4-TC 31-DC	TC	4
#12 AWG	#14 AWG			C	3
#12 AWG	#12 AWG				
#10 AWG	#10 AWG	T1-102-D	17-B4-TC 31-DC	TC D	4 4
#10 AWG	#14 AWG	T1-102X064-D	17-B4-TC 31-DC	TC D	4 4
#10 AWG	#12 AWG	T1-102X080-D	17-B4-TC 31-DC	TC D	4 4

## INSTRUCTIONS FOR CRIMPING THE NICOTAP SLEEVE

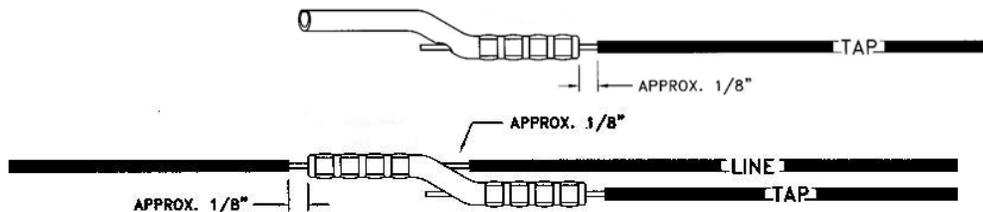


Prepare wires as shown. Hold the tool so that the open end of the Nicotap lines up with the open end of tool.

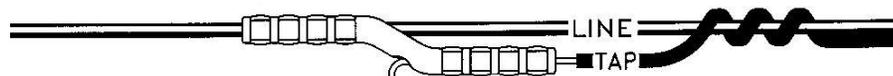


31-DC  
Tool

Always attach the Nicotap sleeve to the tap-wire first. Then attach the partly finished Nicotap to the line wire. There should be 1/8 inch of bare wire between the sleeve and insulation after compressing.



Optionally, wrap the tap wire two or three turns around the line wire before attaching the line end of the Nicotap.



Refer to the above table for the number of presses.

Install the mastic splice sealing compound on the finished assembly with the wires in the finished orientation. Optionally cover the entire area with tightly wrapped plastic electrical tape. Extend the taping two inches or more beyond the sleeves.



## CRIMPING THE LINE WIRE WITH NICOPRESS SPLICING SLEEVES

Before making a splice BE SURE TO CLEAN THE WIRE. Push wires into sleeve until they strike the center stop for line splicing. Always make the presses at each side of the center first. This insures that the wire is held all the way in the sleeve.



Continue making presses, working out towards the ends, until the ENTIRE sleeve is pressed. There should not be more than 1/8" space between presses. The finished splice should have 1/16" to 1/8" of unpressed sleeve at each end. Do not make a press over the center of the sleeve.

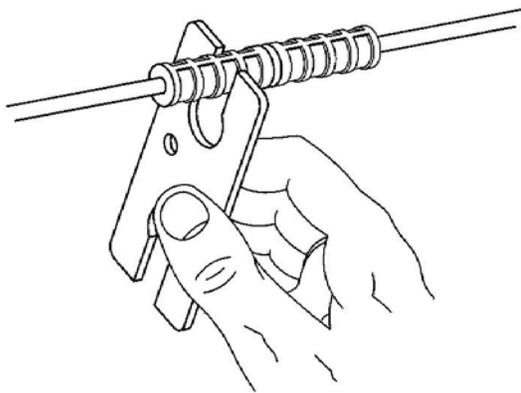


LINE WIRE <small>Copper or Copper Covered Steel</small>	NICOTAP CAT. NO.	TOOL	GROOVE	PRESSES / HALF
#14 AWG	1-064-C	17-B4-TC	TC	4
		31-DC	C	3
#12 AWG	1-080-C	17-B4-TC	TC	4
		31-DC	C	3
#10 AWG	1-102-C	17-B4-TC	TC	4
		31-DC	C	3

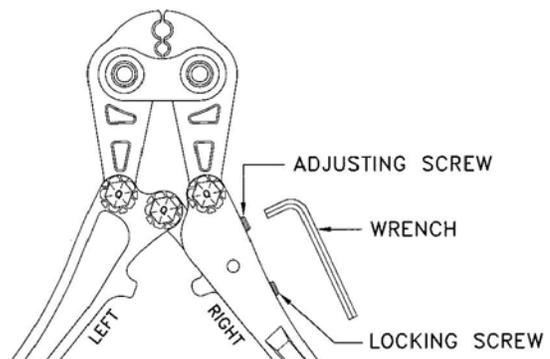
### OPERATION AND ADJUSTMENT OF NICOPRESS 31-DC TOOL

To make a satisfactory Nicopress Splice, it is important that the proper press diameter is maintained. Splices should be checked occasionally with the gauge provided for this purpose.

When using the gauge, it should be held so that it contacts the press portion of the sleeve at right angles to the flash.



The compressed portion of the sleeve should enter the gauge opening easily. If it does not, then adjust the tool as follows.



With the tool handles in the open position, use the wrench provided with the tool to loosen the locking screw one or two turns. Then turn the adjustment screw clockwise only a fraction of a turn. Make a press and check with gauge. Continue adjustment if necessary until press passes easily into gauge. When the correct setting is obtained tighten the locking screw hard so that tool will hold its adjustment.

In addition to checking and adjusting, tools should be cleaned and oiled. An empty tool should work freely with a slight spring at the final closing. If the tool binds it can be eased by slightly loosening the particular bolt which is causing the binding.