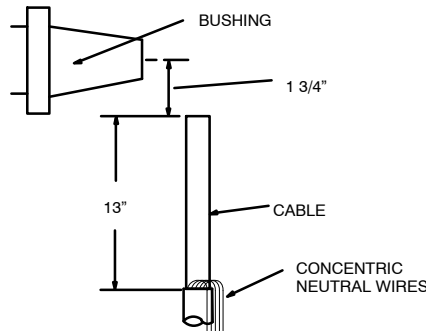


**I TRAIN THE CABLE**

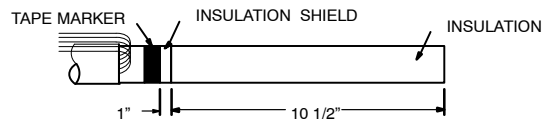
1. Center the cable between the apparatus bushing and the parking stand pocket. The cable should be located 7 inches from the apparatus front plate.
2. Provide adequate slack for cable movement between the apparatus bushing and the standoff bushing.
3. Cut the cable 1–3/4 inches from the centerline of the bushing.
4. Clean 24 inches of the outer cable jacket.

**II CUT BACK THE CABLE**

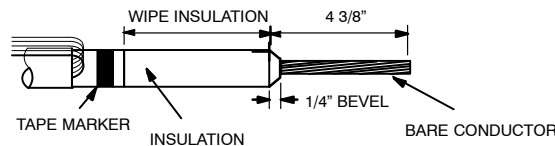
1. Remove 13 inches of cable jacket.
2. Allow enough extra concentric neutral wires to connect to ground and allow movement to the standoff bushing.



3. Remove 10 1/2 inches of insulation shield.
4. Place a tape marker 1 inch from the end of the insulation shield.

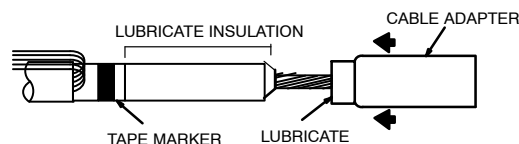


5. Remove 4 3/8 inches of insulation.
6. Bevel the insulation edge 1/4 inch at a 45 degree angle.
7. Thoroughly clean the insulation.



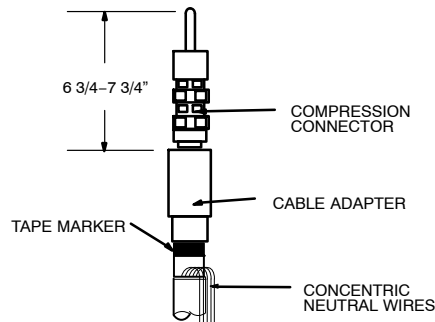
**III INSTALL THE CABLE ADAPTER**

1. Lubricate the exposed insulation and the inside of the cable adapter.
2. Slide the small end of the cable adapter over the cable using a twisting motion until the small end is flush with the tape marker.



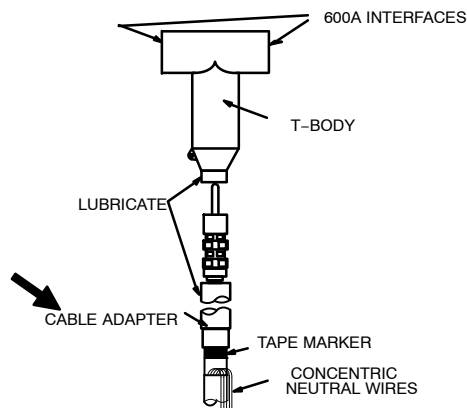
#### IV INSTALL THE COMPRESSION CONNECTOR

1. Insert the conductor into the compression connector and rotate until the flats of the compression connector and the apparatus bushing are aligned.
2. Make 5 crimps using the L39ART die (for 750 kcmil cable). Make the first crimp at the first line below the shoulder of the connector. Rotate each crimp 90 degrees and allow 1/8 inch between crimps.
3. Wipe off excess inhibitor.
4. Check connector length as shown.



#### V INSTALL T-BODY

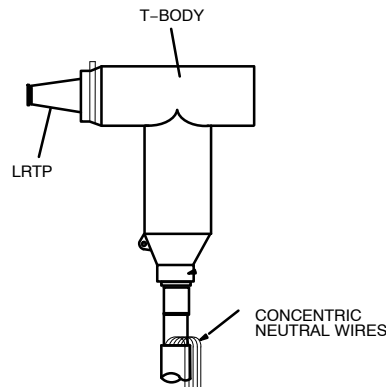
1. Clean and lubricate the outside of the cable adapter.
2. Clean and lubricate the inside of the T-body.
3. Slide the T-body onto the cable until the compression connector eye is centered in the 600 Amp interfaces.
4. Remove the tape marker.



#### VI INSTALL THE LRTP INTO THE T-BODY

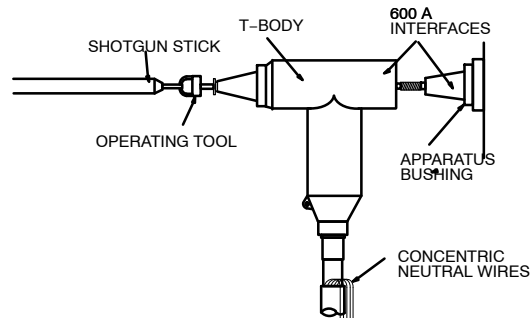
1. Clean and lubricate the mating 600 Amp interface of the LRTP (Load Reducing Tap Plug) and the T-body.
2. Remove the shipping cap from the 200 Amp interface of the LRTP and the thread protector on the threaded end.
3. Insert the T-wrench (Stk. #85-41-370) into the throat of the LRTP and thru the rotating nut and engage the alignment segment.
4. Insert the threaded ferrule end of the LRTP into the side of the T-body opposite the apparatus bushing.
5. Thread the alignment segment into the threads of the compression connector by turning the T-wrench until a positive stop is felt.

6. Continue applying clockwise force to the T-wrench until the pin shears and the alignment segment rotates freely.
7. Remove the alignment segment by applying pressure to the T-wrench until the segment separates. Discard the segment.



#### VII INSTALL THE 600 AMP ELBOW ONTO THE APPARATUS BUSHING

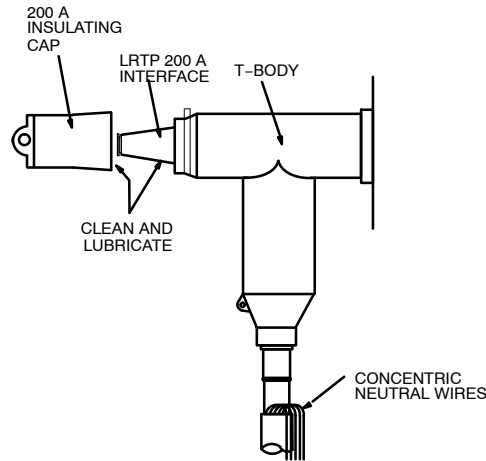
1. Screw the short end of the copper stud into the threaded hole in the apparatus bushing.
2. Clean and lubricate the mating interfaces of the apparatus bushing and the T-body.
3. Grasp the eye of the operating tool (Stk. #83-28-049) with a shotgun stick and pull the eye fully into it.
4. Using the shotgun stick, insert the operating tool into the LRTP throat and engage the rotating nut.
5. While pushing the T-body onto the apparatus bushing, turn the operating tool clockwise to make a threaded connection. Turn until the torque head ratchets. An audible click will be heard.
6. Remove the operating tool.



#### VIII CAP THE 200 AMP INTERFACE

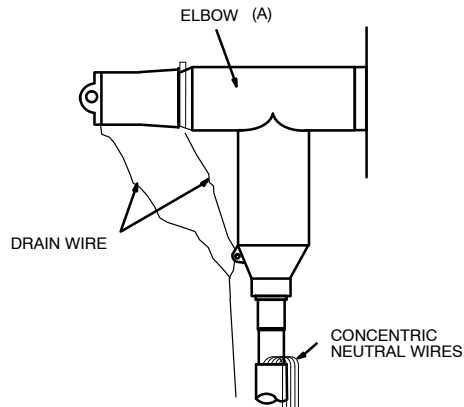
1. Clean and lubricate the 200 Amp interface on the LRTP and the inside of an insulating cap.
2. Cover the interface with the cap.

**CABLE TERMINATION**  
**35kV 750 kcmil XLP/EPR Cable**  
**600 Amp Deadbreak Elbow**



**XI GROUND THE ELBOW**

1. Connect the tie off tabs of the LRTP and the T-body with a strand of drain wire (concentric neutral wire) and connect the drain wire to ground.
2. Connect the insulating cap drain wire to ground.
3. Connect the cable concentric neutral wires to ground.
4. See Dist. Std. **59 40 60 01** for additional 600 Amp accessories.



		<b>Std. / Stk. No.</b>	<b>Description</b>	<b>42 44 14 01</b>	
@	A	17 05 330	Elbow – Deadbreak, 750 kcmil, Stranded		1
	B	10 01 177	Arrester – Elbow, 35kV		1