

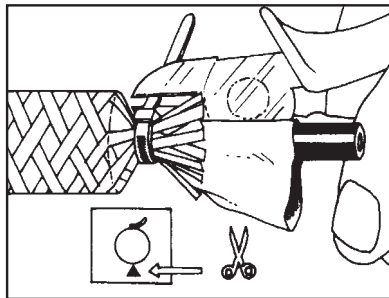
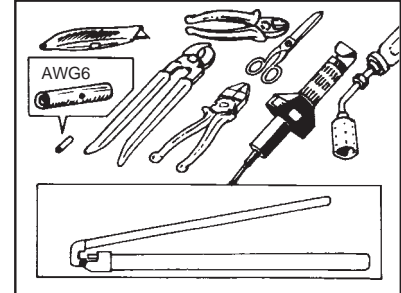
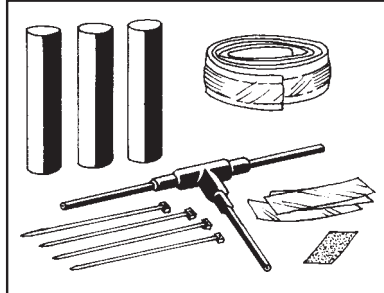


**Kit Components**

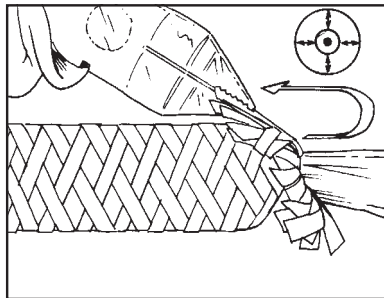
- 3 pc. 16" CPSM-50/18-400-U Tubing
- 1 pc. 56" FILR/160 Mastic Strip
- 3 ea. Aluminium Tape 4" X 6"
- 1 ea. Tee Assembly (301A034-4/144)
- 1 ea. Abrasive Paper
- 1 ea. Instruction Sheet

**Installer Equipment**

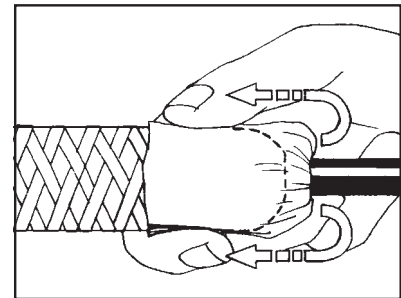
- Appropriate Size Crimp and Crimping Tool
- Knife and Scissors
- Pliers and Wire Cutters
- Raychem torch or equivalent



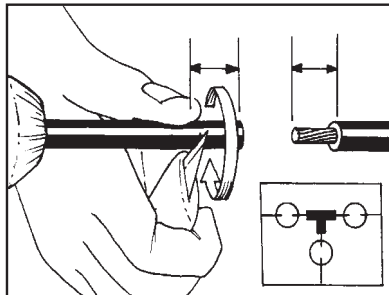
Use tie wraps to secure fabric jacket tightly to the Anodeflex cable to contain conductive filler material (coke breeze). Coke breeze must be tightly compacted at the end.



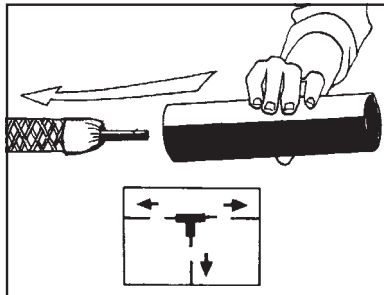
Trim the end of the tie wrap as close as possible, as shown in previous step. Pull the loose strings of braiding back with a plier to center the polymeric cable anode into the coke breeze.



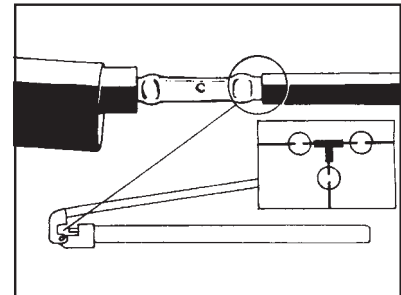
Fold the fabric back over the tie wrap. In order to fold the fabric back, it will be necessary to make a longitudinal cut in the loose fabric. Make sure the cut is opposite to the tie rap closure.



Remove 5/8" to 3/4" of the cable jacket by cutting around the jacket material approx. 1/16" deep and flexing the end with pliers, the jacket material will be easily removed.

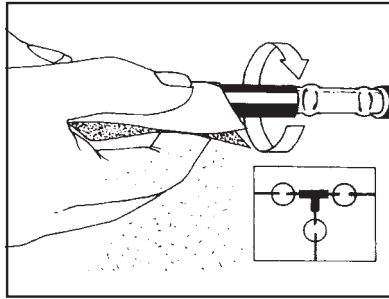


Before crimping wire ends, slide the CPSM tubing onto the Anodeflex 1500-01 cable end. Repeat this for each of the cable ends.

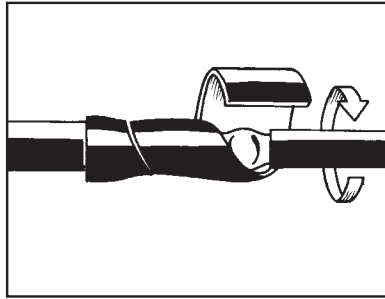


Crimp wire ends using the appropriate size crimp. Anodeflex is AWG 6. If splicing Anodeflex to a different gauge wire, "C" type dual gauge crimps can be used.

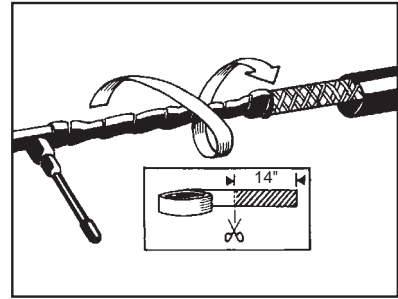
# AFLX-1500-01-Tee



Lightly abrade exposed Anodeflex cable with abrasion paper supplied in kit. Wipe off remaining PE particles with a clean dry cloth.



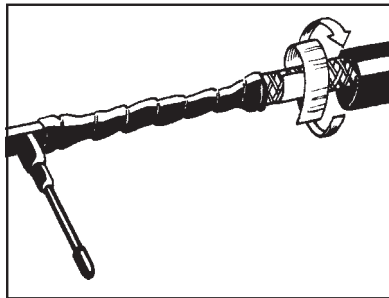
Cut a piece of mastic 2" to 2.5" long. Wrap tightly over the crimp area. The mastic should be stretched  $\pm 50\%$  during installation to insure good conformity.



Beginning a min. of 1" up on the fabric covered cable, spirally wrap the remaining strip of mastic ( $\pm 14"$ ) across the splice area and back up onto the fabric on the opposite side.

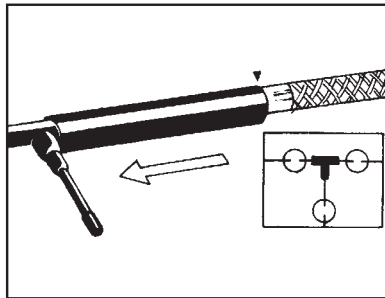
#### Notes:

- The mastic strip should be stretched approximately 50% during wrapping.
- Be sure that mastic build up on lead wire is a minimum of .75" diameter to ensure there are no gaps between mastic and recovered tubing.

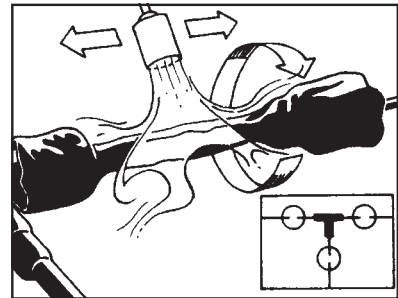


Apply the 4" wide aluminium tape to the fabric jacket on each side of the splice with the inside edges of the tape  $\pm 7"$  from the center of the crimp.

**Note:** The aluminium tape is necessary to protect the fabric jacket from burning during torch recovery of the CPSM.

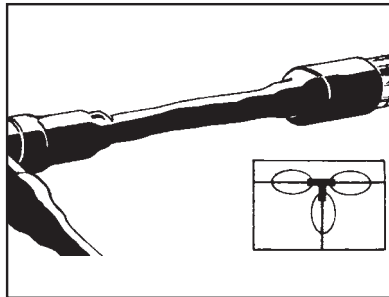


Slide the 16" long CPSM tube over the splice area. A minimum of 1/3 of aluminium tape should be exposed at the end of each tubing. The tape can be repositioned if necessary.



Using an FH-2616 or equivalent torch, begin heating circumferentially at the center of the splice, shrinking the CPSM tube towards one end and then the other.

**Caution:** When shrinking the ends, keep flame directed away from the fabric jacket.



After shrinking, the CPSM tube should conform tightly to the splice area with no air bubbles, voids or cold spots (dimples on the surface). Allow the splice to cool ( $\pm 15$  min.) before burying.

#### Installation Instructions

#### Special Note:

The FH-2616 torch has been designed to burn with a bushy, medium intensity flame for the correct heating of shrink tubing. The use of small diameter or pencil tip, high intensity propane or oxy/acetylene torches could cause rapid overheating of the tubing, damaging the tubing and/or the Anodeflex fabric jacket.

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