Heat-Shrinkable Tubing

Installation Instructions

Installation of Tubing for Splices & Fuse Links

Select the proper size tubing based on the splice wire combination indicated on the appropriate tubing matrix.

Slide the tubing onto the wire(s) (fig. 1). Experience has shown this is easier to do prior to making the weld or connection rather than sliding on from a free end.

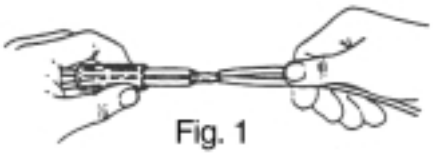


Fig. 1

Center the tubing over the splice (Fig. 2). With the ST-3000 and St-3006 infrared heating units this is easily accomplished by placing the welded connection over the small circle on top of the heating chamber, then centering the tubing with respect to the red outline.

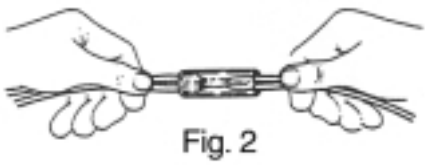


Fig. 2

After application visually check for adhesive flow at each end of the tubing (Fig. 3).

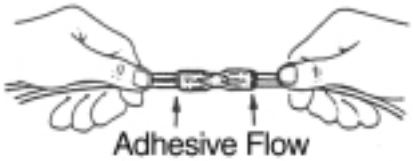


Fig. 3

Installation of Tubing for Components

Select the proper size tubing based on the splice wire combination indicated on the appropriate tubing matrix.

Slide the tubing onto the wire(s) (Fig. 4). Experience has shown this is easier to do prior to making the weld or connection rather than sliding on from a free end.

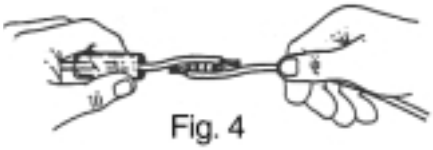


Fig. 4

Center the tubing over the component (Fig. 5). With the ST-3000 and ST-3006 infrared heating units this is easily accomplished by placing the welded connection over the small circle on top of the heating chamber, then centering the tubing with respect to the red outline.

Fig. 5

After application visually check for adhesive flow at each end of the tubing (fig. 6).

Fig. 6

Installation of Tubing for Ring Terminals

Select the proper size tubing based on the splice wire combination indicated on the appropriate tubing matrix.

Slide the tubing onto the wire(s) (Fig. 7). Experience has shown this is easier to do prior to making the weld or connection. *Caution: Tubing usually will not fit over the eyelet.*

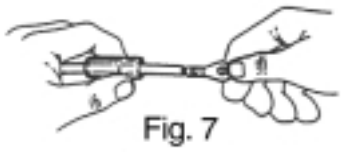
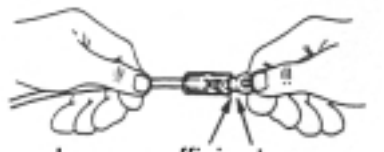


Fig. 7

Slide the tubing onto the eyelet (fig. 8). Room should be allowed for wrench clearance and adhesive flow. Because of the tapered nature of most eyelet terminals, the tubing may move toward the wire as it shrinks. Some experimentation is needed to place the tubing in a location that ensures good moisture sealing over the crimped wire upon cooling. An eyelet that has a “shoulder” built into the taper eliminates the problem.



Leave sufficient room for wrench clearance

Fig. 8

After application visually check for adhesive flow at each end of the tubing (Fig. 9)

Adhesive Flow

Fig. 9

Important Notice

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