

Assembly Instructions for Knife Disconnects

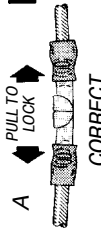
Knife Disconnects are joined by a four-point contact knife switch, wiping action. When properly assembled, they cannot be pulled apart accidentally. Tensile strain tends to further engage the Disconnects. Use the following procedure to properly assemble Knife Disconnects.



Figure 1

1. Crimp Knife Disconnects onto wire as described in instruction sheets supplied with crimping tools.
2. Position the two Knife Disconnects to be engaged as shown in Figure 1.
3. Engage Disconnects, keeping blades in a closely locked position. See Figure 2.
4. With both Disconnects engaged as shown in Figure 3.A, pull wires in opposite directions to assure that blades are in a fully locked position.

NOTE If Disconnects are assembled incorrectly, as shown in Figure 3.B, blades may be sprung to the point where they will not provide good contact when properly engaged. When assembled as instructed, Knife Disconnects will provide excellent contact and reliability.



CORRECT

INCORRECT

Figure 3

5. To make a permanent insulation Knife Disconnect splice, use AMPSULATION* pre-dilated heat-shrinkable tubing as shown in Figure 4.

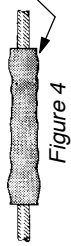


Figure 4

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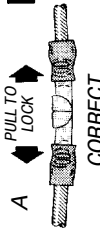
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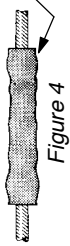


Figure 4

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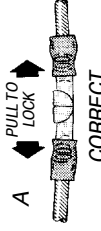
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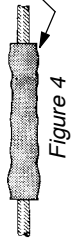


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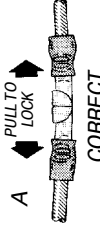
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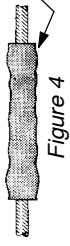


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