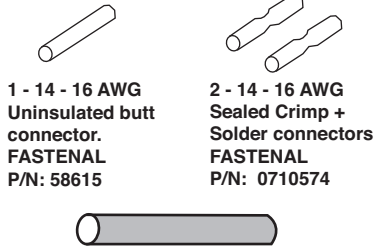




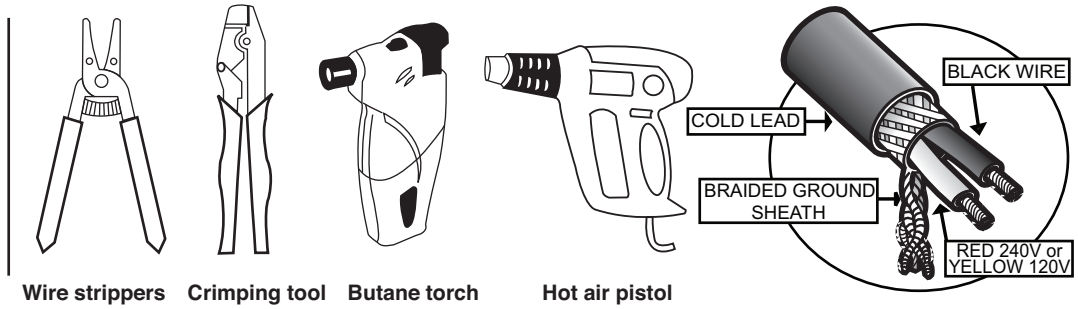
Items needed:

1) A Splice Kit



1 - 1/2" x 6" Flexible, Adhesive-Lined Heat Shrink Tube. FASTENAL P/N: 0714597

2) Tools

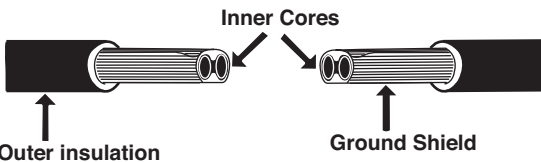


Wire strippers Crimping tool Butane torch Hot air pistol

Step 1 - Using a blade, strip 1" of the outer insulation from both cables.



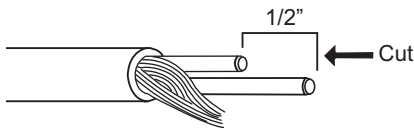
Step 2 - Determine the correct gauge of the coldlead wires. If the wire gauge is 17 AWG, see those instructions.



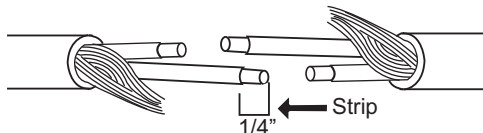
Step 3 - Separate the braided sheath wire from the inner layers of insulation.



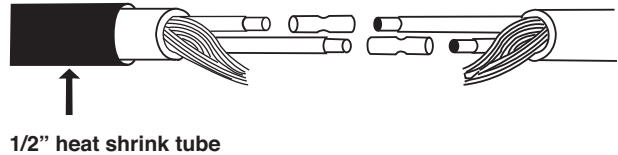
Step 4 - Shorten one inner conductor wire of both the cables to 1/2".



Step 5 - Remove 1/4" of insulation from each core wire.

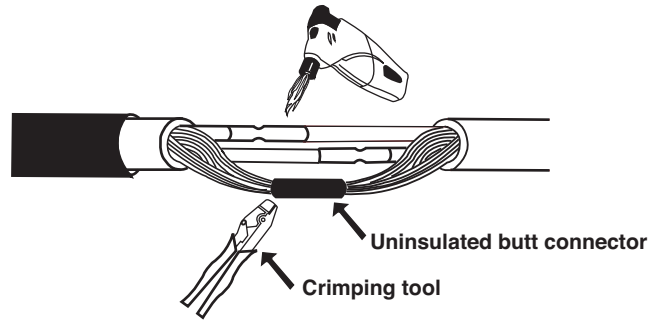


Step 6 - Place heat shrink tube over one side of the cable & then insert the inner conductor wires into each side of the crimp-on connector.

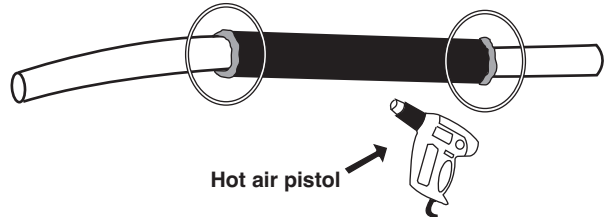


Step 7 - Compress the crimp-on connector on each side using crimp tool. Using a butane torch, carefully heat crimp connectors to seal crimp and melt solder. Place the grounds into the uninsulated connector and crimp them together.

HEAT CONNECTOR WITH BUTANE TORCH



Step 8 - Slide the heat shrink tube over the completed joint and shrink it with a hot air pistol. Do not use a naked flame. Verify sealant flow at both ends of the tube. There should be clear glue at each end of the tube. This will ensure a waterproof seal.



Step 9 - Test roll to verify proper ohms values. See ohms testing document for further instructions on ohms testing.