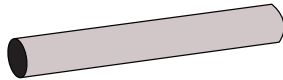
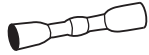
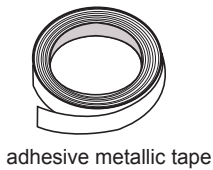


You will need:

1) A Splice Kit

20 - 18 AWG
Sealed Crimp +
Solder connector
FASTENAL
P/N: 07009714



1 - 1/4" x 6" Flexible, Adhesive-Lined Heat Shrink Tube. FASTENAL P/N: 0714595

2) Tools



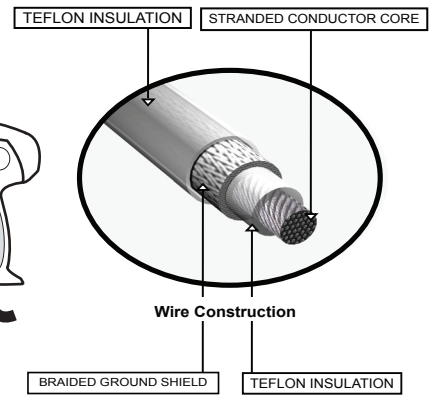
wire crimper



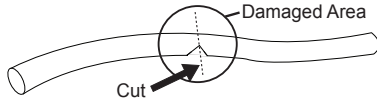
butane torch



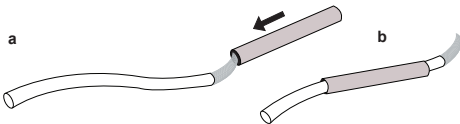
hot air pistol



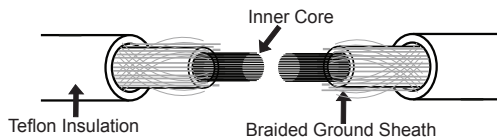
Step 1 - Determine where the damage is and make a clean cut through the wire.



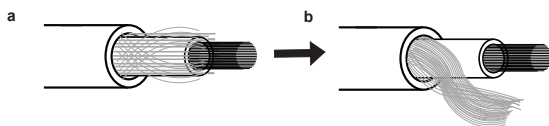
Step 2 - Place a *heat shrink tube* over one side of the wire.



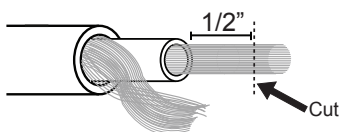
Step 3 - Strip 1" of the outer insulation from both cables.



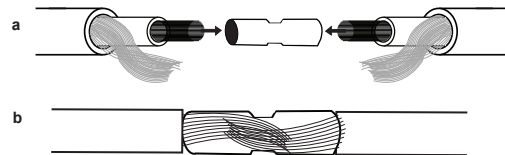
Step 4 - Separate the *braided sheath wire* from the *inner layer of insulation*.



Step 5 - Shorten *inner conductor wire* to 1/2".

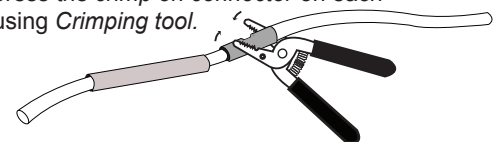


Step 6 - Insert the *inner conductor wires* into each side of the crimp on connector.



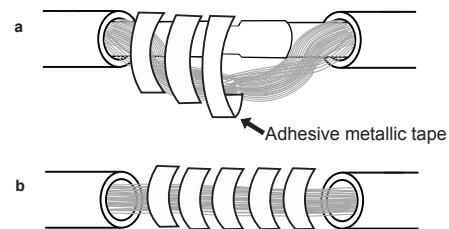
IT IS EXTREMELY IMPORTANT THAT NO INNER CONDUCTOR WIRES ARE EXPOSED OUTSIDE OF CONNECTOR!

Step 7 - Compress the *crimp on connector* on each side using *Crimping tool*.



Step 8 - Heat Crimp Connector to seal the heatshrink + melt the solder pellet.

Step 9 - Overlap both *braided sheath wires* and connect them with a strip of *metallic tape*.



Step 10 - Slide the *heat shrink tube* over the connections and shrink it with a *hot air pistol*. Do not use a naked flame.

