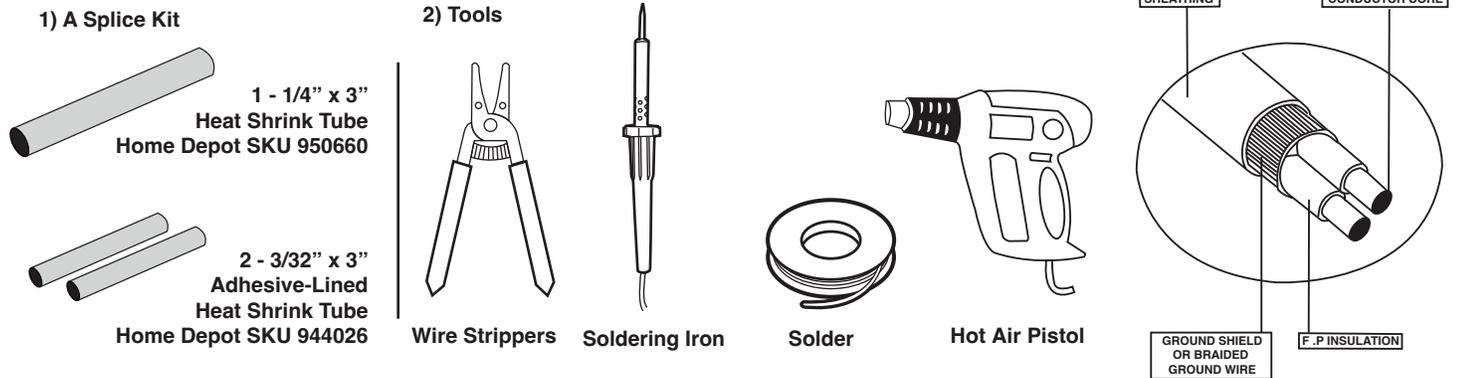
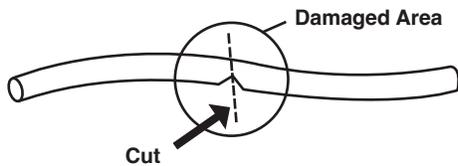


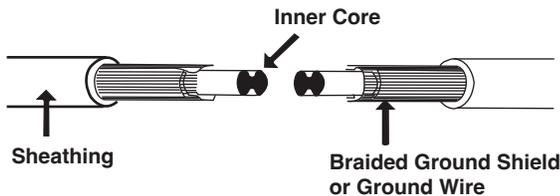
Items needed:



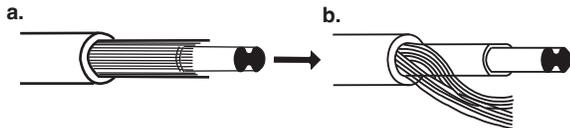
Step 1 - Determine where the damage is and make a clean cut through the wire.



Step 2 - Using wire strippers, strip 1" of the outer insulation from both cables.



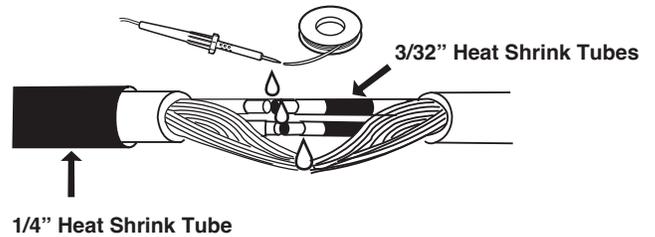
Step 3 - Separate the braided sheath wire or ground wire from the inner layer of insulation.



Step 4 - Shorten one inner conductor wire of both the cables to 1/2". Do not shorten ground wire.

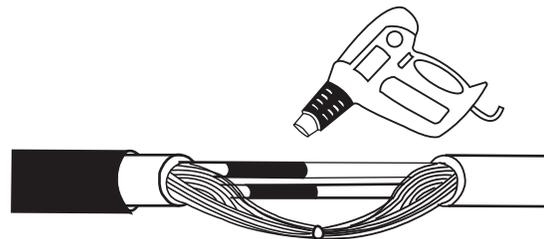


Step 5 - Place heat shrink tube over one side of each cable and then apply solder to each of the inner conductor wires.



Step 6 - Overlap the braided sheath wires and apply solder. Using a hot air pistol, carefully heat the heatshrink tubing on each wire to seal the connector.

Heat Tubing with Hot Air Pistol



Step 7 - 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.

