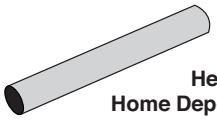
WARMLYYOURS
RADIANT HEATING

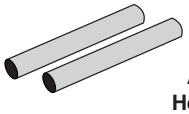
Instructions for Twin Conductor TempZone™ Solder Method Wire Repair

Items needed:

1) A Splice Kit

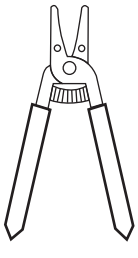


1 - 1/4" x 3"
Heat Shrink Tube
Home Depot SKU 950660



2 - 3/32" x 3"
Adhesive-Lined
Heat Shrink Tube
Home Depot SKU 944026

2) Tools

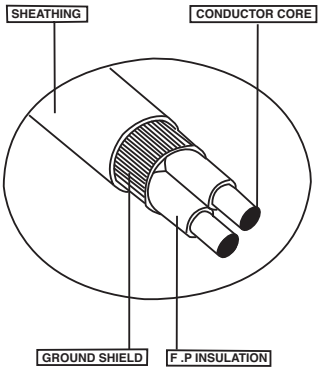


Wire strippers

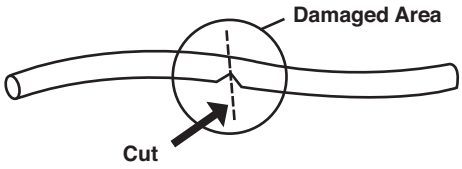
Soldering Iron

Solder

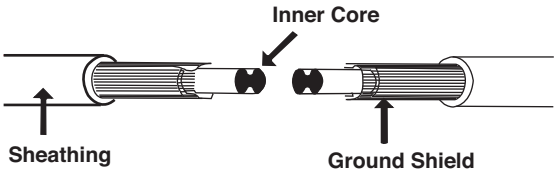
Hot air pistol



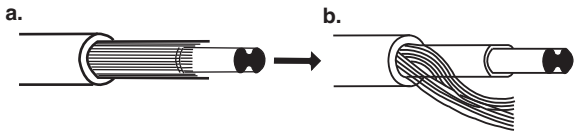
Step 1 - Determine where the damage is and make a clean cut through the wire.



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

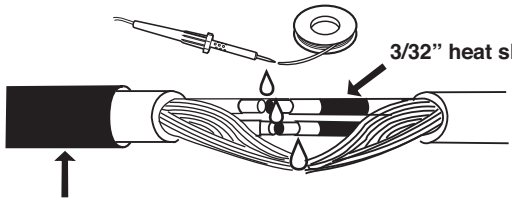


Step 3 - Separate the braided sheath wire from the inner layer of insulation.



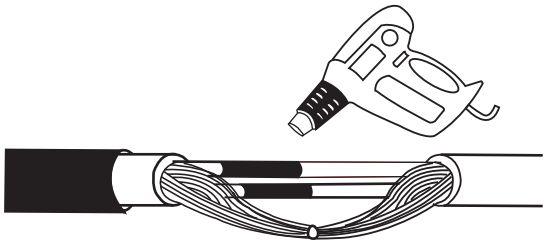
Step 4 - Shorten both inner conductor wires of both of the cables to 1/2".

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 shealth 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.