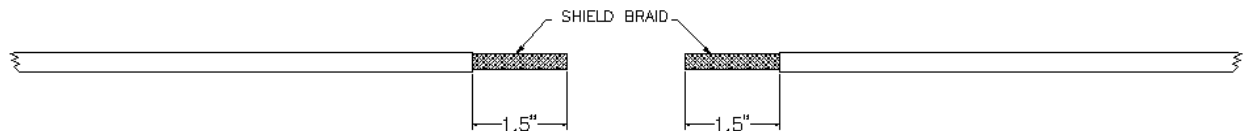


## CABLE SPLICING PROCEDURE

Equipment Needed: Wire stripper/cutter  
Heat gun(preferred) or small torch  
5 pieces of heat shrink from splicing kit(1/8" x 3/4")  
1 piece of heat shrink with adhesive from splicing kit(5" of 3/4" dia)

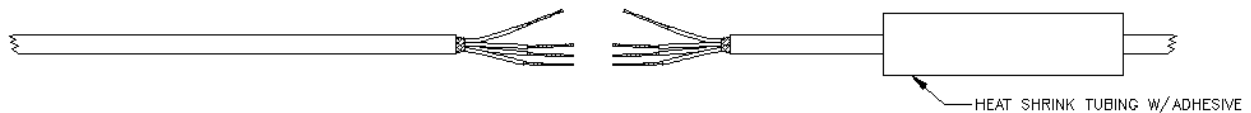
1. Turn off indicator power switch.
2. Cut out damaged area of cable.
3. Strip away approximately 1½ inches of the outer jacket (rubber) on both ends of the cable.



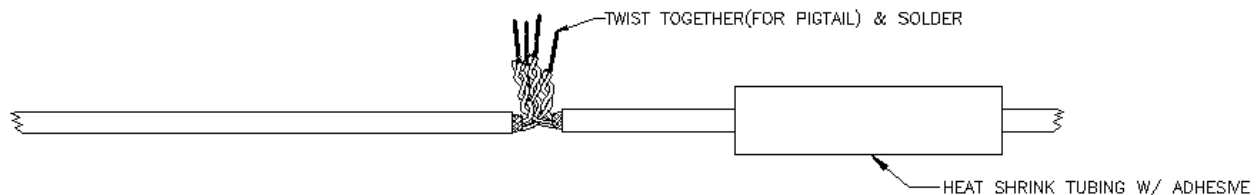
4. Bend stripped portion of cable over. Spread shield braid strands and carefully pull inner conductors through opening.



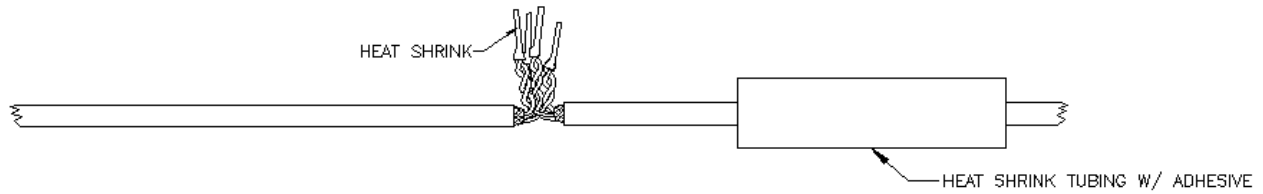
5. Cut off excess shield braid from cable(shield does not need to be spliced).
6. Slip on the 5" heat shrink
7. Strip approximately ½ inch of insulation from the end of each wire.



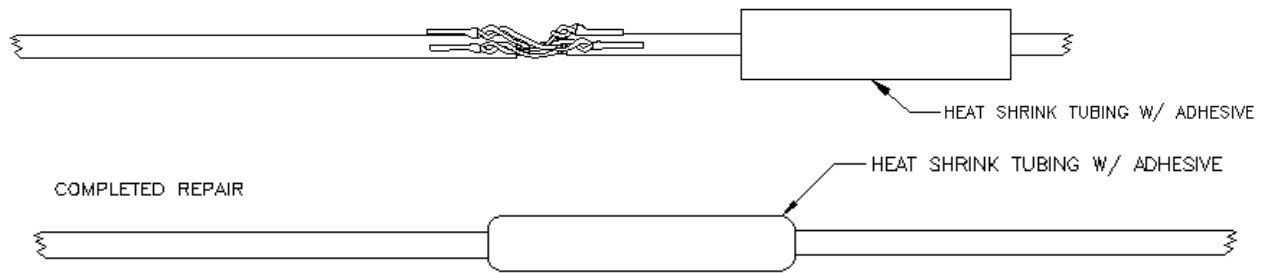
8. Take like colored wires and twist them securely together, then solder (Red to red, white to white, black to black, etcetera).



9. Clean solder connections with solvent(alcohol).
10. Place the 1/8" Dia. heat shrink over soldered wires and heat with heat gun/torch. Try to create as good of a seal around the bare wire as possible.



11. Press wires against the cable as depicted and slide 3/4" Dia. heat shrink over the splice area. Heat tubing until it has shrunken tightly over cable jacket. Proceed carefully so as not to burn the tubing or melt the cable. The use of a heat shrink tubing with an adhesive is important so as to properly seal the splice.



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8/24/04