

ACCENT FLOOR HEATING

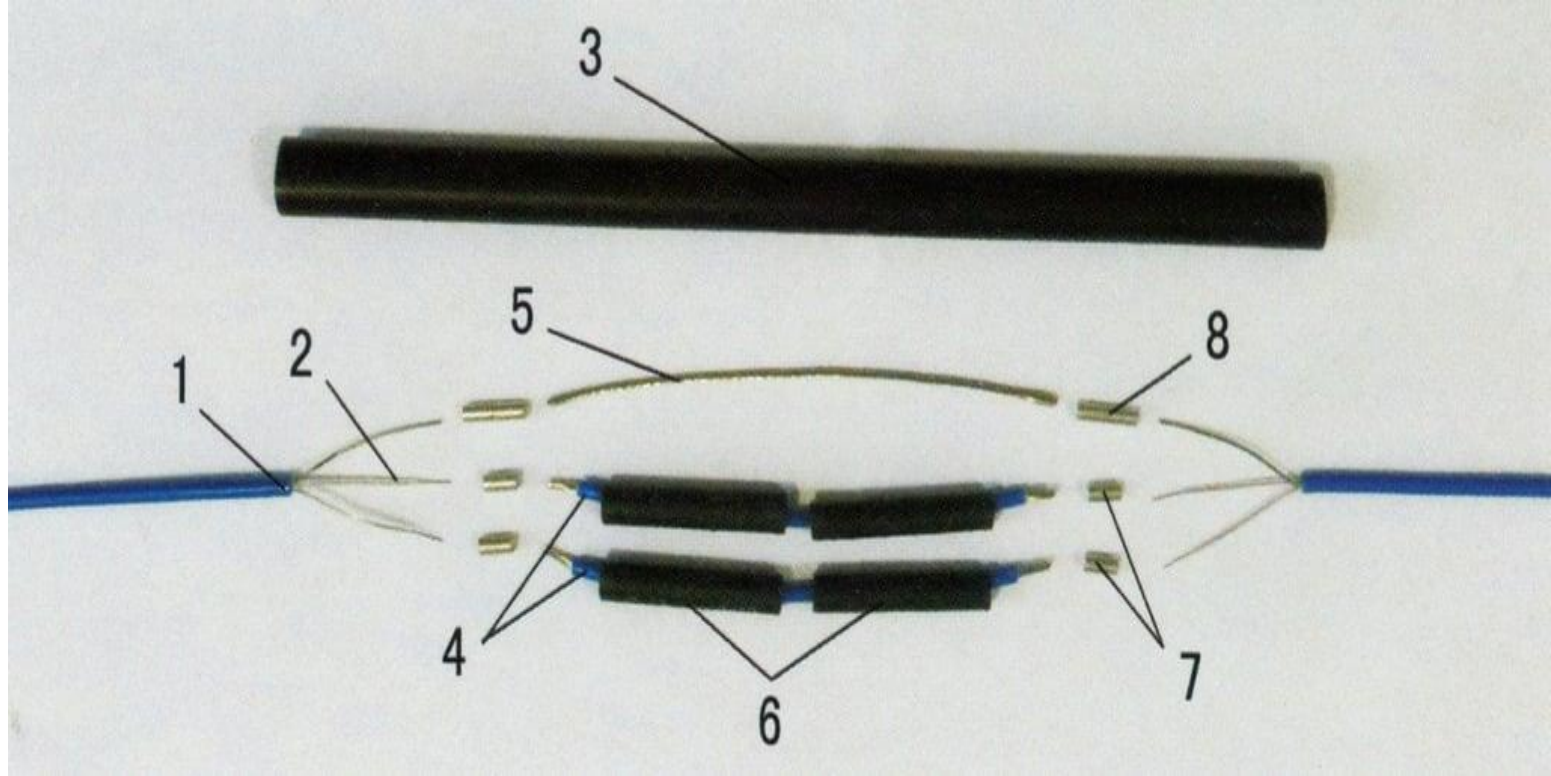
REPAIR KIT

Materials Needed:

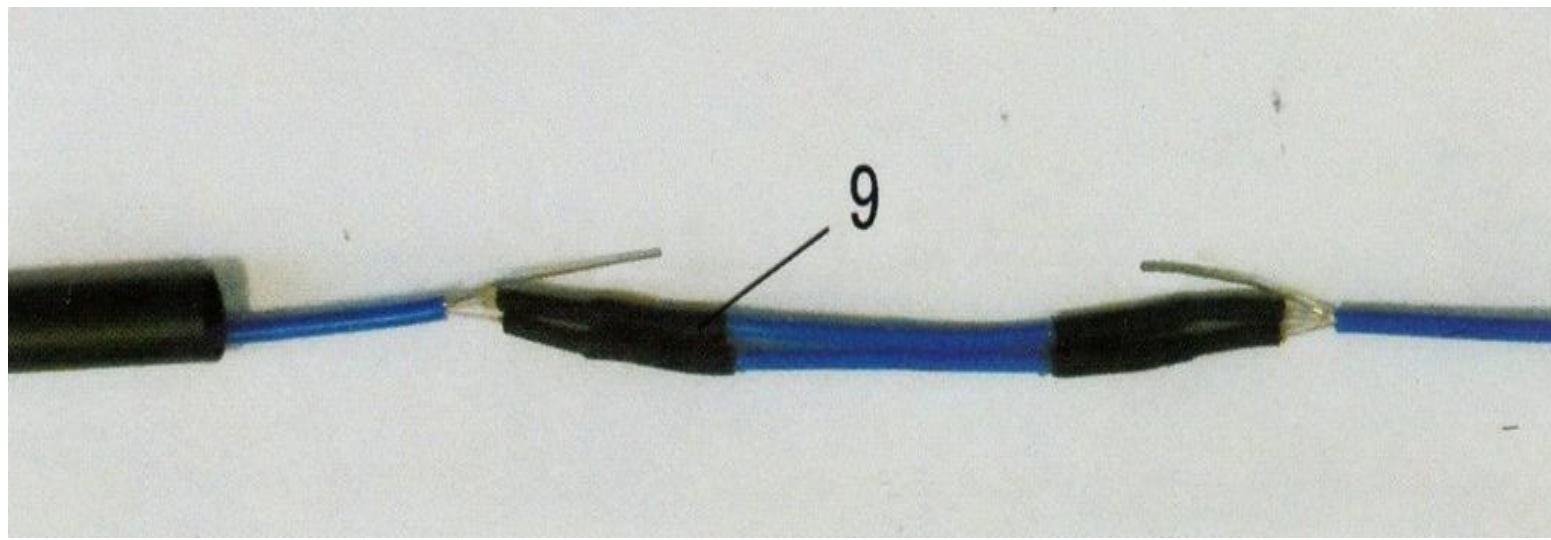
1. Underfloor heating dual conductor cable repair kit.
 2. Wire strippers.
 3. Stanley knife or similar.
 4. Heat shrink tubing.
 5. Epoxy heat shrink tubing.
 6. Crimping tool
 7. Multimeter
 8. Soldering iron and solder (if necessary).
9. Heat gun

Installation

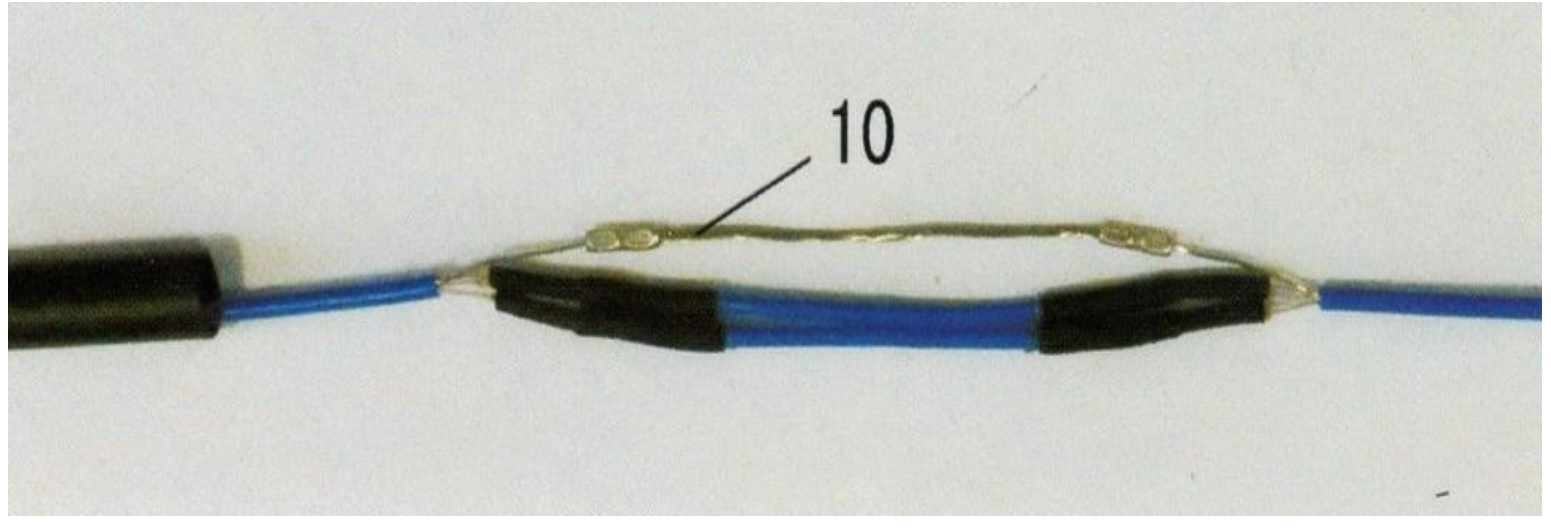
1. Remove the damaged section of heating cable then strip 38mm of the outer insulation from both sides of the cut heating wire ends
2. Separate the two inner heating conductors and metal earth screen then remove 8mm of the heater conductor insulation
3. Slide the large heat shrink onto one side of the heating cable / mat. Once repair is complete, this tube will seal the complete repair
4. Remove 8mm of insulation from both sides of the 100 jumper cables
5. Cut the earth jumper cable to size
6. Slide on the small heat shrink sections onto the conductor jumper cables to create a seal once crimped
7. Using a crimp tool and the smaller crimps, carefully connect the heating cables to the jumper wires
8. Larger crimps for connecting earth cable



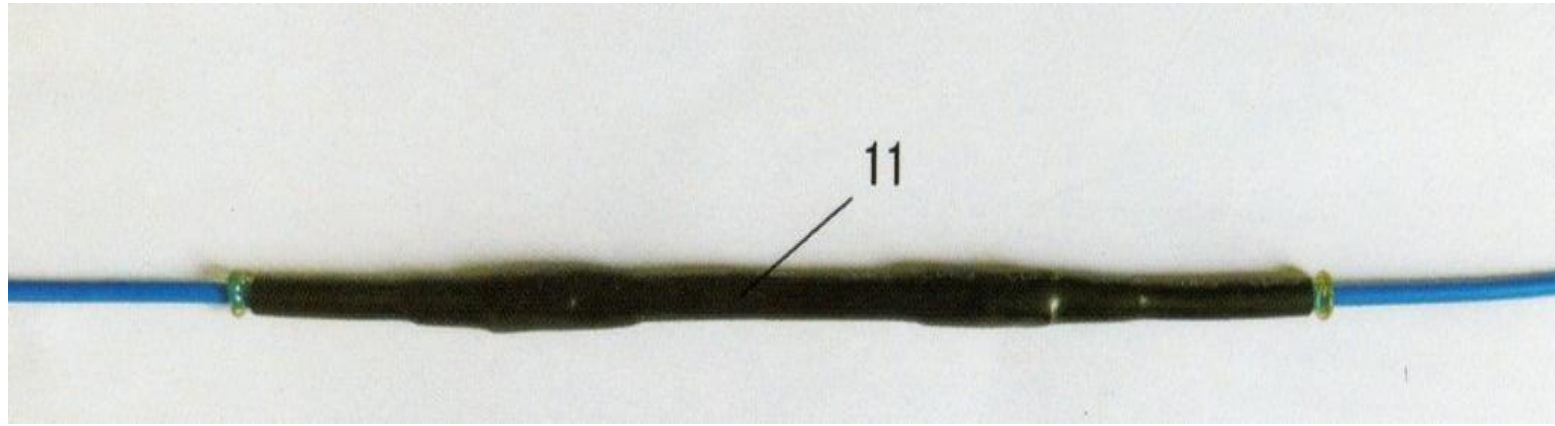
9. Centre the small heat-shrink tubes over the connectors and using a heat gun shrink into place



10. Using a crimp tool, connect the earth jumper cable to the metal earth screen sections using the larger crimps



11. Centre the large heat shrink tube over the whole splice section and using a heat gun, shrink into place making sure a bit of epoxy extrudes each end.



Testing

The heat mat / cable **MUST** then be tested. The heating cable resistance should be compared to the value within the instruction manual. The insulation resistance **MUST** also be measured and should be greater than 500 M Ohms.

Electrical Considerations

As with all electrical projects governed by Electrical regulations, all mains electrical connections must be undertaken by a certified electrician.