

°STELPRO

REPAIR PROCEDURE

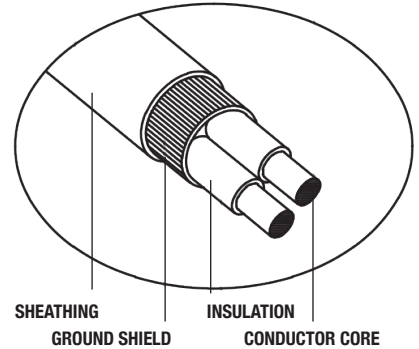
SECRK HEATING CABLE REPAIR KIT FOR THE SSC, SSCM, AND SECM SERIES

WHAT'S IN THE BOX

- 6 crimp-on connectors (2.5 mm²)
- 1 cold lead (3C x 14 AWG 12 in. long)
- 2 heat shrink sleeves (Ø18 x 160 mm long)
- 2 heat shrink sleeves (Ø12 x 110 mm long)
- 6 heat shrink sleeves (Ø6 x 40 mm long)

TOOLS REQUIRED

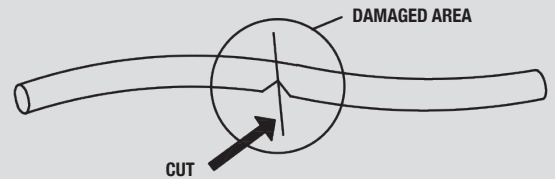
- Wire strippers
- Crimping tool
- Hot air gun



1

DETERMINE THE DAMAGED AREA OF THE HEATING CABLE

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



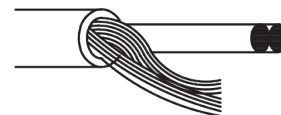
2

PREPARE THE HEATING CABLE

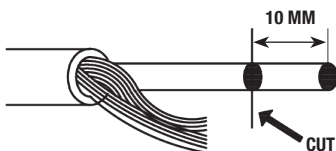
- Using wire strippers, strip 25 mm of the outer insulation from both cables.



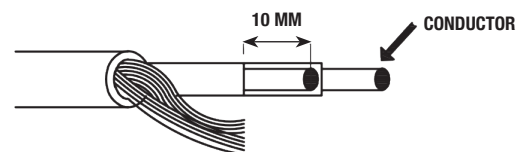
- Separate the ground shield wire from the inner layer of insulation.



- Shorten one inner conductor wire of the cable by 10 mm.



- Strip the primary insulation by 10 mm for both the cores.

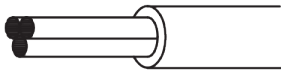


- Perform steps 3 and 4 for the opposite cable as well.

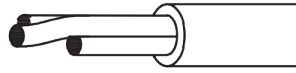
3

PREPARE THE COLD LEAD

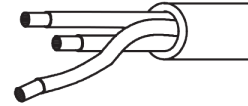
1. Remove about 25 mm of the outer sheath from the cold lead.



2. Shorten one core of the cable by 10 mm.



3. Strip approximately 10 mm from all three cores.



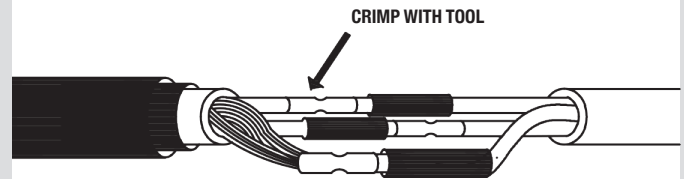
4

CONNECT THE COLD LEAD TO THE HEATING CABLE

1. Slide a $\varnothing 12 \times 110$ mm heat shrink sleeve over one side of the cable. Next, slide on a $\varnothing 18 \times 160$ mm heat shrink sleeve. Then, slide the $\varnothing 6 \times 40$ mm heat shrink sleeves over the three cores. Finally, insert the inner conductor wires and ground shield into either side of the crimp-on connector.



2. Compress the crimp-on connector on each side using the crimping tool, overlap the ground shield and grounding wire and then connect them with a lug.



5

COVER AND SEAL THE ENTIRE JOINT

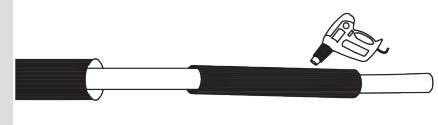
1. Slide the heat shrink sleeve over the connections and shrink it with a hot air gun. Do not use a naked flame.



2. Slide the $\varnothing 12$ heat shrink sleeve over the entire joint and shrink it with a hot air gun. Do not use a naked flame.



3. Slide the $\varnothing 18$ heat shrink sleeve over preshrunk sleeve and shrink.



6

FOLLOW STEPS 2 THROUGH 5 FOR ANOTHER END

