

SERGE BARIL HEAT TRACING SYSTEMS

MSPS/GRK-E POWER & END TERMINATION KIT

INSTALLATION INSTRUCTIONS

DESCRIPTION

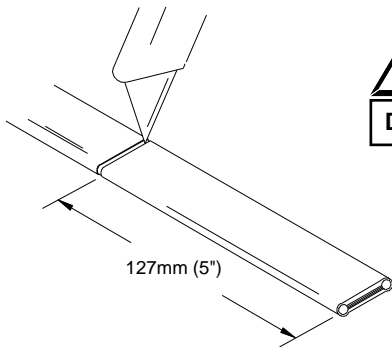
MSPS/GRK-E Power & End termination kit is for use with Serge Baril's FPS and CCA heater cables. Compatible for use with any vendor's heater cables smaller than 11mm (0.44") diameter.

KIT CONTENTS

- 1 Power termination
- 1 Tube of silicone
- 1 Heat shrink tube 51mm (2") length
- 1 Heat shrink tube 76mm (3") length

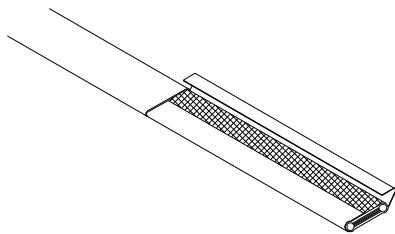
IMPORTANT: INSTALLATION BY ELECTRICIAN OR AUTHORISED PERSONNEL

OVERJACKET PRODUCTS

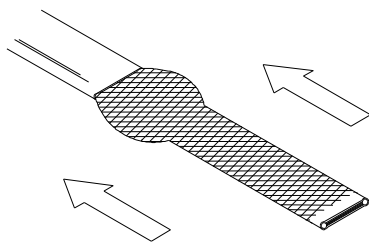


⚠ WARNING:
DO NOT CUT BRAID

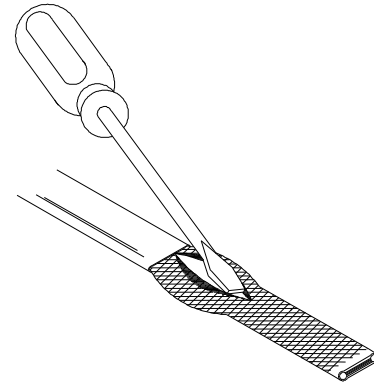
- 1 Lightly cut around heater overjacket 127mm (5") from the end. Bend cable to break the overjacket.
- 2 Lightly cut overjacket up the center between first cut mark and the cable end. Bend cable to break the overjacket.



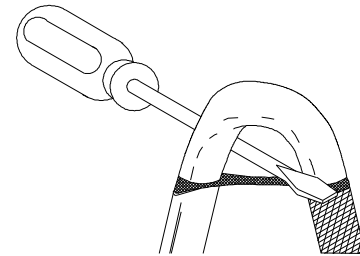
- 3 Remove overjacket from heater cable.



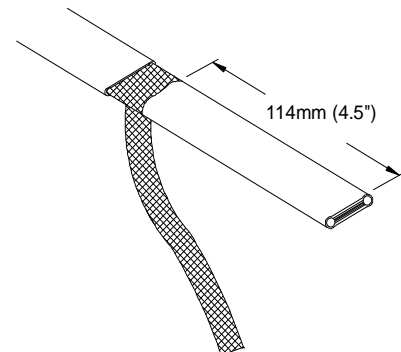
- 4 Move braid back toward the overjacket, creating a bulge.



- 5 At the bulge, separate the braid to make an opening.



- 6 While bending the heater cable, work it through the braid opening.



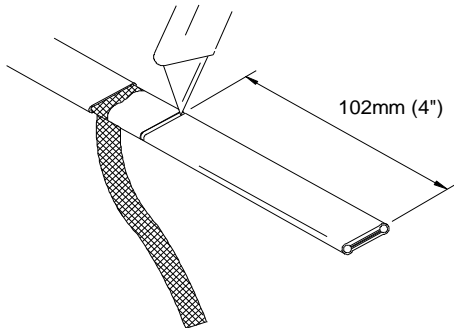
- 7 Pull the braid tight.



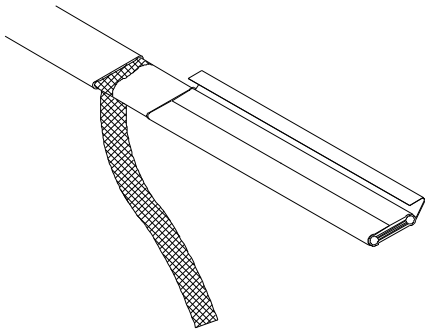
SERGE BARIL HEAT TRACING SYSTEMS

MSPS/GRK-E POWER & END TERMINATION KIT

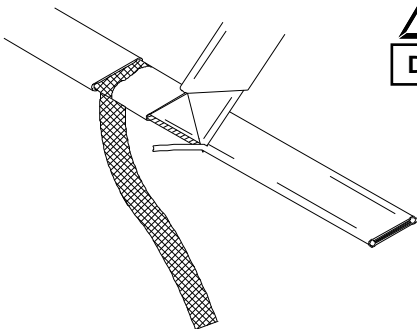
INSTALLATION INSTRUCTIONS



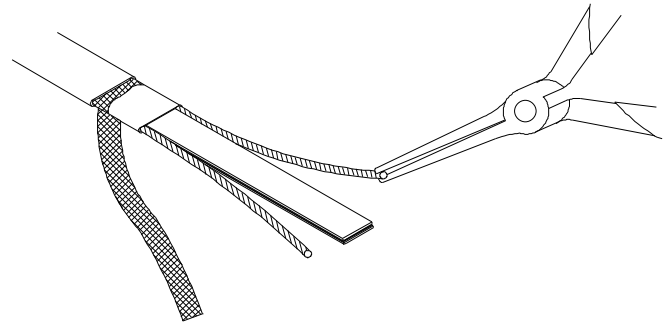
- 1 Lightly cut around cable outer jacket 102mm (4") from the end. Bend cable to break outer jacket.
- 2 Lightly cut the outer jacket up the center between the first cut mark & the cable end. Bend cable to break outer jacket.



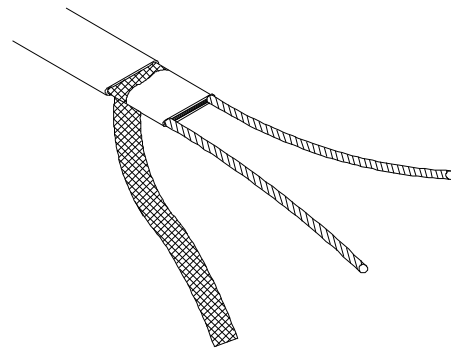
- 3 Remove the jacket from the heater cable.



- 4 Shave the core material from the outside of each bus wire.



- 5 Starting at the end, pull each bus wire away from the core material.
- 6 Remove exposed core material.



- 7 Cut 6mm (0.25") off the end of each bus wire.
- 8 Proceed to "Power Termination" on sheet 4 of 4.

⚠ WARNING:
DO NOT CUT BUS WIRES

SERGE BARIL HEAT TRACING SYSTEMS

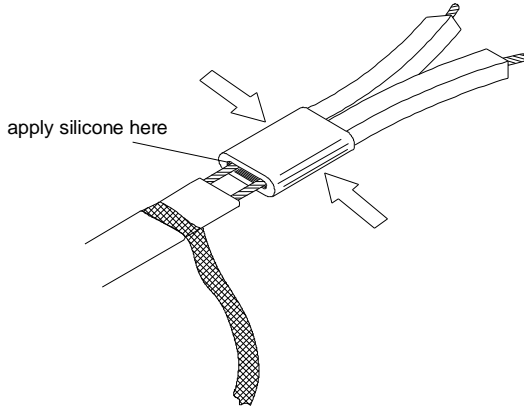
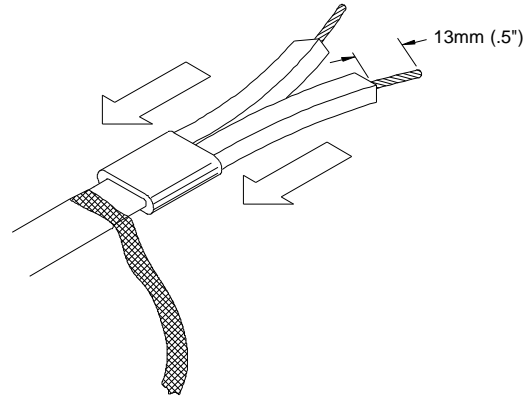
MSPS/GRK-E POWER & END TERMINATION KIT

INSTALLATION INSTRUCTIONS

POWER TERMINATION

⚠ WARNING:

- Bus wires must not touch or cross while inserting into power termination.
- Only power terminations / end seals specifically approved for the vendors style and type of heater cable must be used.



- 1 Insert bus wires into power termination.
- 2 Squeeze power termination opening and fill with silicone.

- 3 Push power termination to overlap jacket.
- 4 The silicone will set up in about 30 minutes with a complete cure after 24 hours.

⚠ WARNING:

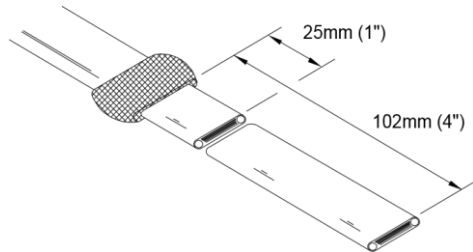
- Do not megger or hi-pot until silicone is completely cured.
- Braid must be kept away from bus wires or shorting will occur.

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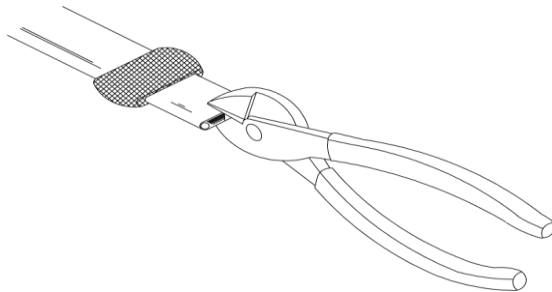
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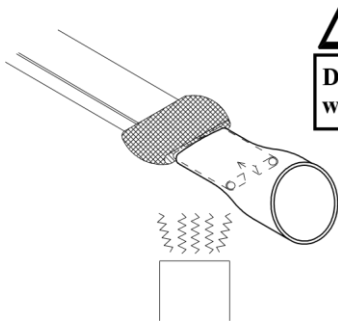
END SEAL SHRINK TUBE PROCEDURES



- 1 Cut heater cable off at required length. Strip overjacket back 102mm (4") from the end of heater cable. Slide braid back over the overjacket portion of the heater cable. Cut off excess heater cable leaving 25mm (1").

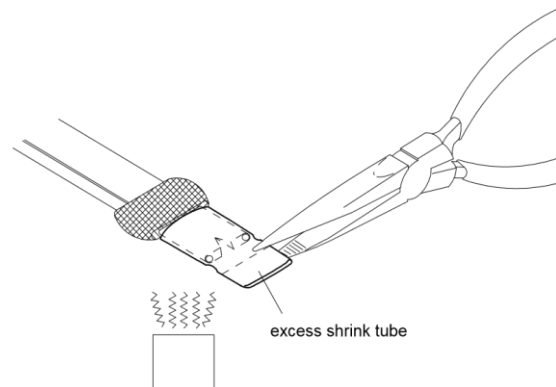


- 2 At the end of the heater cable, snip a 9.5mm (.375") slit between the bus wires. Slightly spread wires apart.

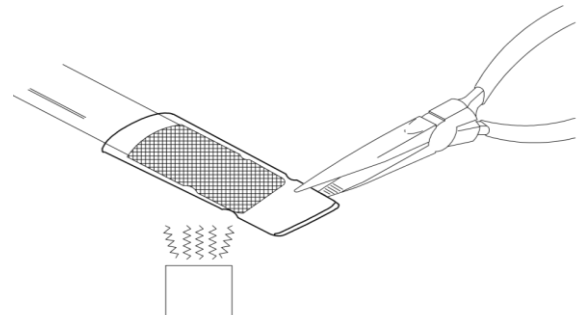


⚠ WARNING:
Do not overlap braid
with shrink tube.

- 3 Slide a 51mm (2") length shrink tube over the heater cable leaving 25mm (1") of shrink tube past the heater cable. Shrink with heat gun until completely shrunk.



- 4 While still warm, squeeze the entire width of shrink tube closed. Cut off excess shrink tube.
- 5 Pull braid over the squeezed shrink tube, covering the entire end seal.



- 6 Slide a 76mm (3") length shrink tube over the braid leaving 12mm (0.5") of shrink tube past the braid. Shrink with heat gun until completely shrunk. While still warm, squeeze the entire width of shrink tube closed.

Serge Baril Heat Tracing Systems products are supplied with a limited warranty. Complete Terms and Conditions may be found on Serge Baril's website at www.baril.ca.

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Sheet 4 of 4