

# Installation Instructions

## TBX-4LC Power Connection Boot Kit

### Applications

The TBX-4LC Boot Kit is used for power connection of HTSX and KSX self-regulating, HPT power-limiting, and FP constant watt heating cables.

### Kit Contents:

Item	Qty	Description
1	1	Power Connection Boot
2	1	RTV Tube

①



②



### Tools Required



### Warnings

- Due to the risk of electrical shock, arcing and fire caused by product damage or improper usage, installation or maintenance, a ground-fault protection device is required.
- Installation must comply with Thermon requirements and be installed in accordance with the NEC, CEC, or any other applicable national and local codes.
- Component approvals and performance ratings are based on the use of Thermon specified parts only.
- Keep ends of heating cable and kit components dry before and during installation.



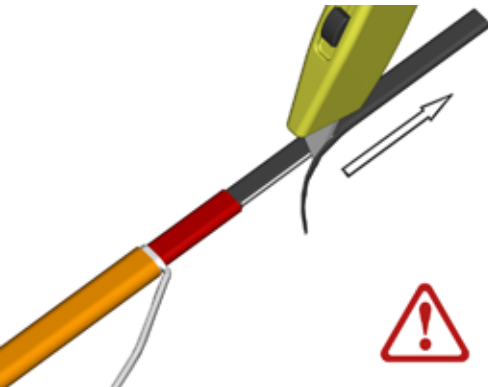
**A1.** Cut off end of cable.



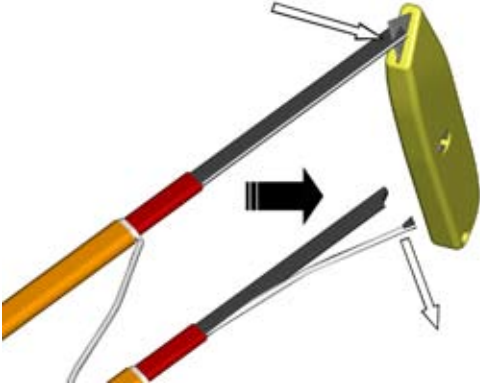
**A2.** Cut and remove overjacket. Do not cut metallic braid.



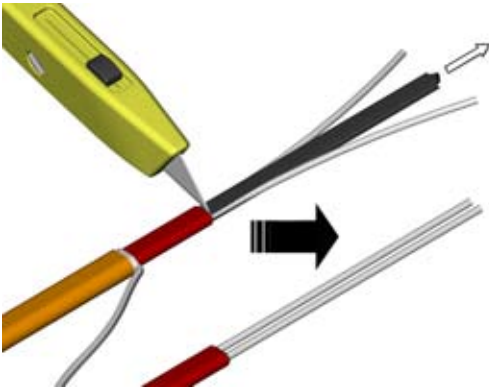
**A3.** Separate braid strands and pull cable through opening in braid. Twist braid into a pigtail. Trim ends of braid.



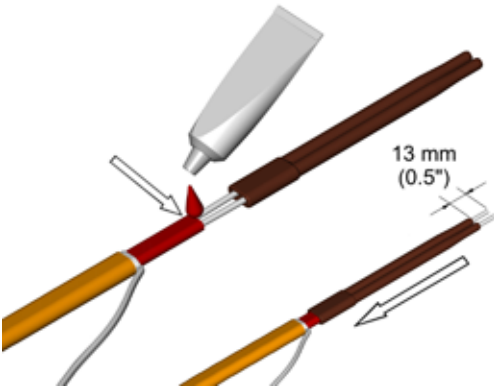
**A4.** Skive outside edges of black matrix. Do not cut bus wire strands.



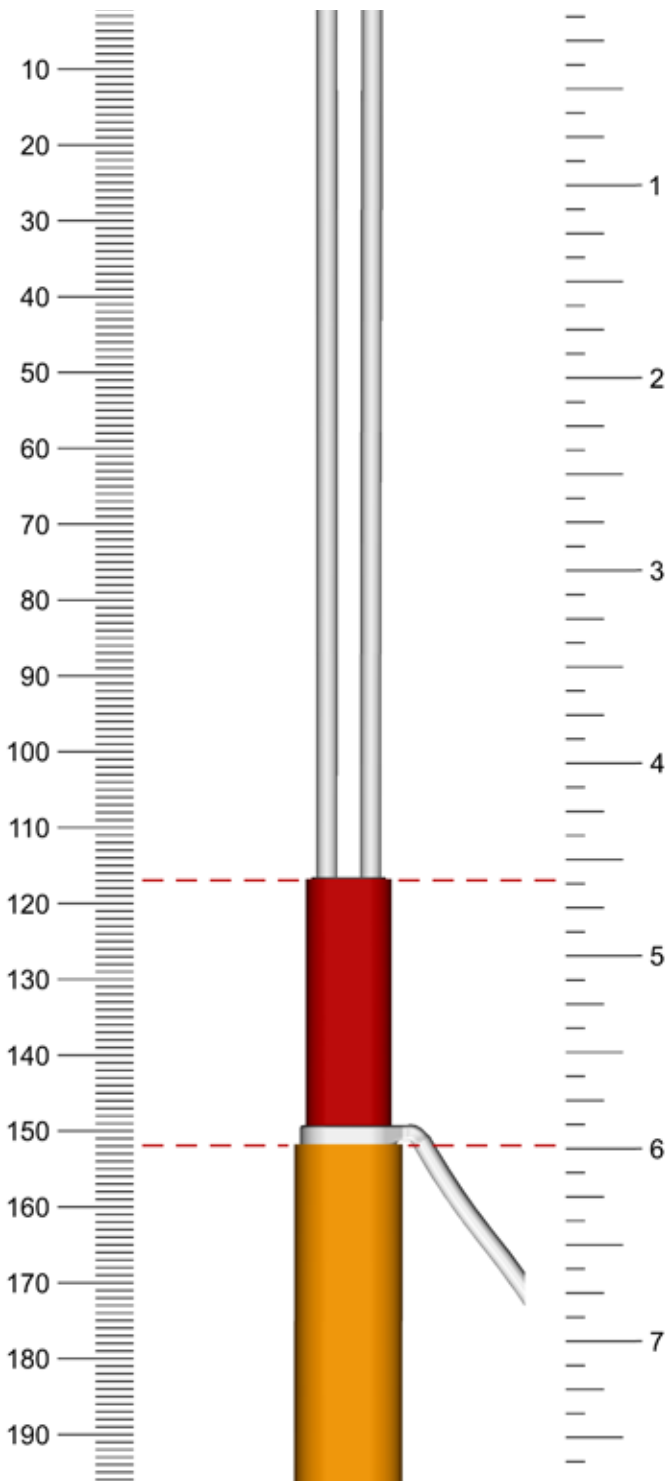
**A5.** Cut V-notch in matrix and pull bus wires from matrix.

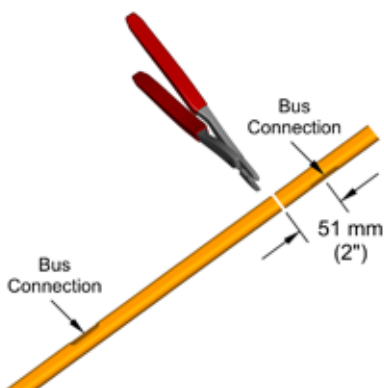


**A6.** Cut and remove remaining center core of matrix.

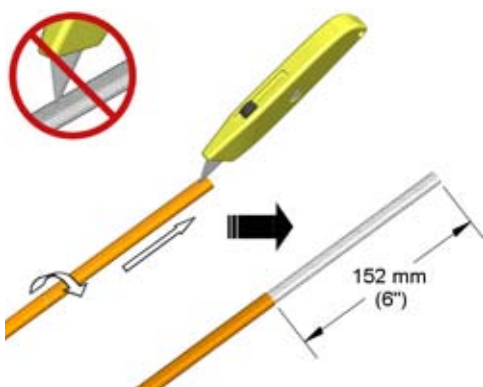


**A7.** Apply a liberal amount of RTV sealant to cable and slide boot onto the end of the cable.

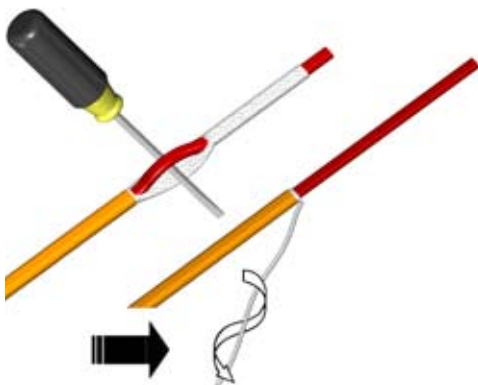




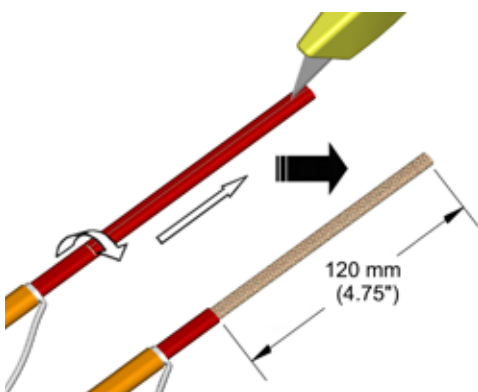
- B1.** Locate the last bus connection. Cut cable 2" back from center of bus connection.



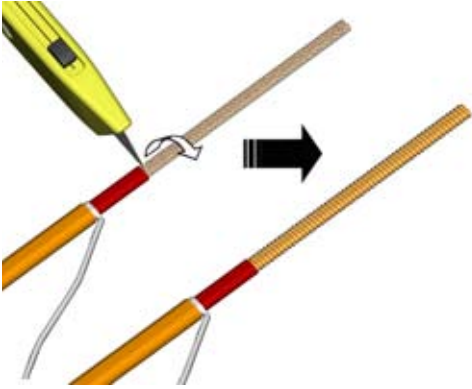
- B2.** Cut and remove overjacket, if applicable. Do not cut metallic braid.



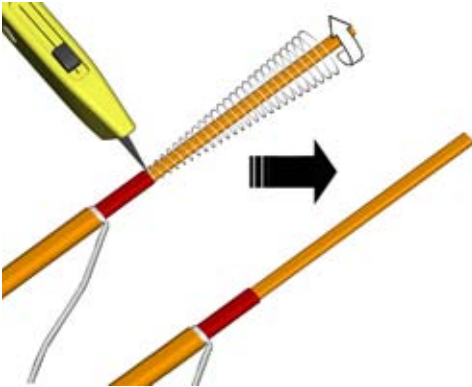
- B3.** Separate braid strands and pull cable through opening in braid. Twist braid into a pigtail. Trim ends of braid.



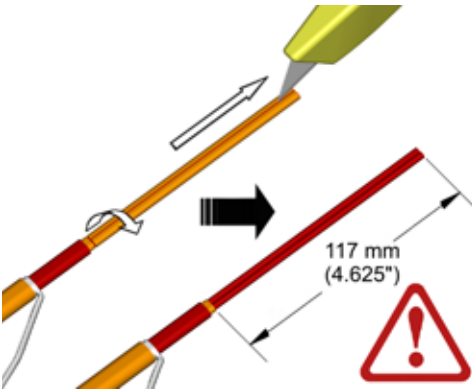
- B4.** Cut and remove primary insulation jacket.



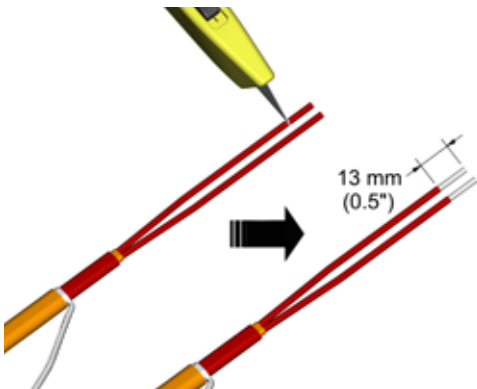
**B5.** Cut and remove fiberglass braid. Omit this step for FP cable.



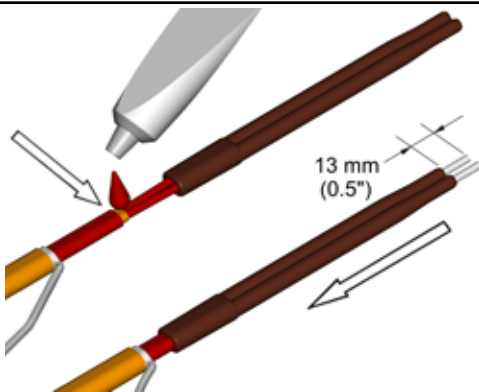
**B6.** Cut and remove heating element and fiberglass overlay (FP cable only). Push any remaining heating element wire under the primary insulation jacket.



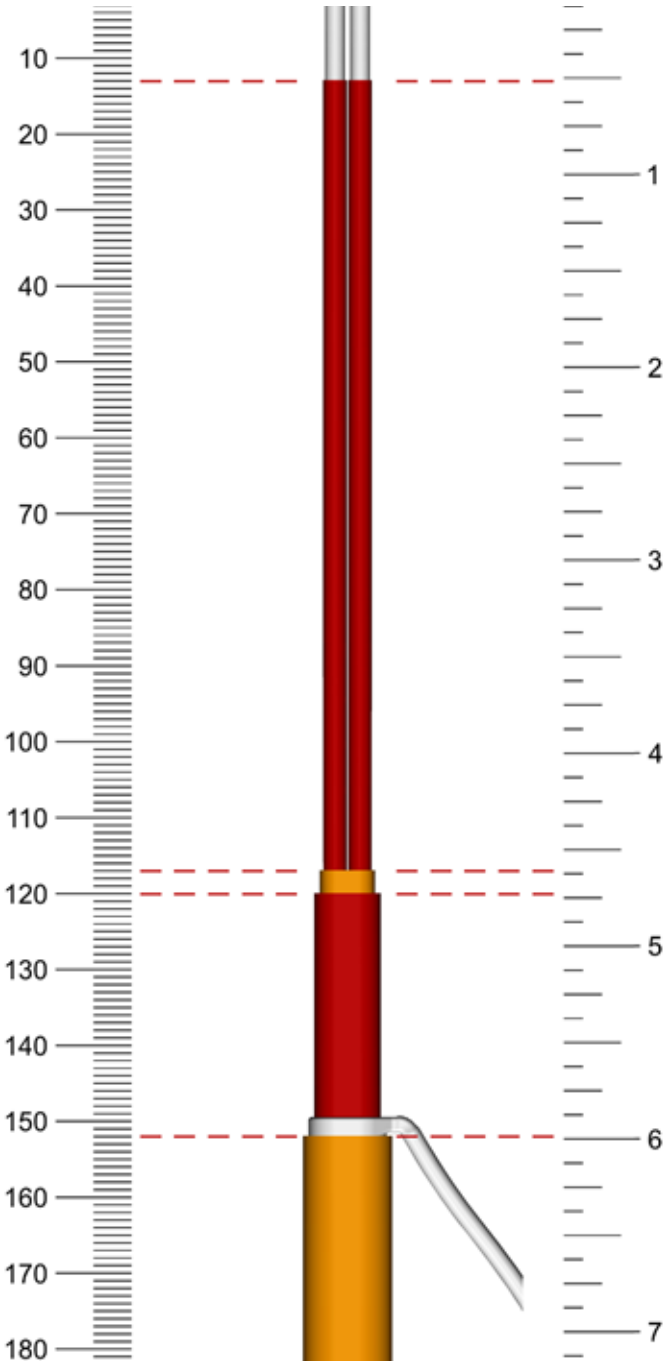
**B7.** Cut and remove pairing jacket. Do not cut bus wire insulation.



**B8.** Remove insulation from ends of bus wires.



- B9.** Apply a liberal amount of RTV sealant to cable and slide boot onto the end of the cable.



Form No. 50076 (07/06)



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