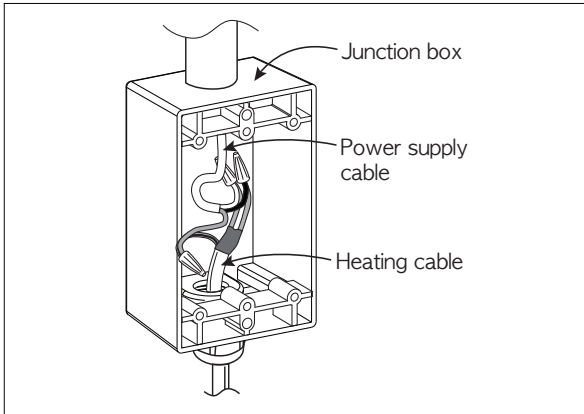


MEP-HT-CPCG-1

Hard-Wired Power Connection Kit Installation Instructions



- MEP-HT-CPCG-1 is a hard-wired power connection kit for use with (BK- and QM-) CRGX and LSRX with -CR suffix self-regulating heating cables.
- The enclosed kit includes materials for one power connection.
- MEP-HT-CPCG-1 is used to connect (BK- and QM-) CRGX and LSRX with -CR suffix heating cable into an electrical junction box for direct wiring and allows a maximum circuit breaker size up to 40A.
- If the junction box is metal it is required to be bonded to ground per NEC and/or CEC.

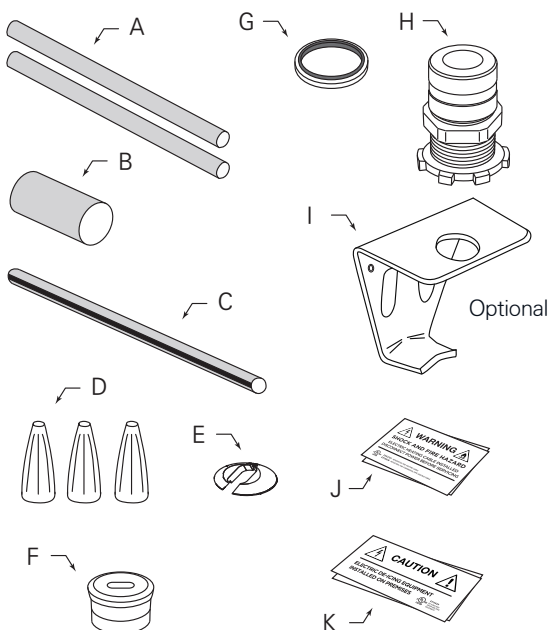
Tools Required

- Utility knife
- Heavy duty scissors
- Needle nose pliers
- Heat gun
- Screwdriver
- Wire stripper

Additional Materials Required

- Junction box:
 - All components must be listed for the US and certified for Canada
 - 120/240 volt with suitable approval for the specific location.
 - 1/2 inch NPT thread compatible.
 - Rated for outdoor use.

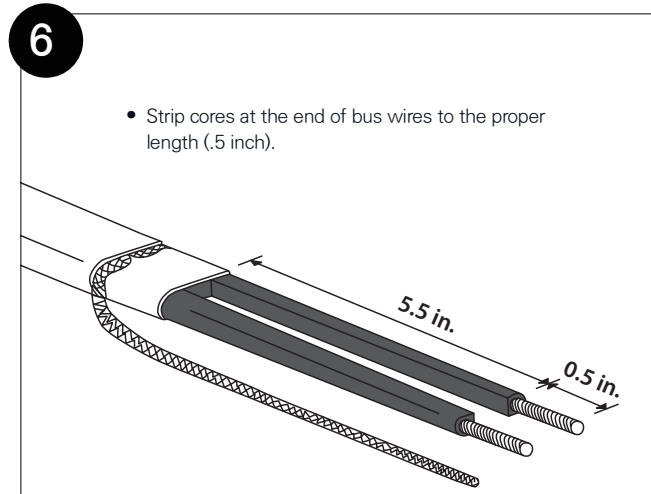
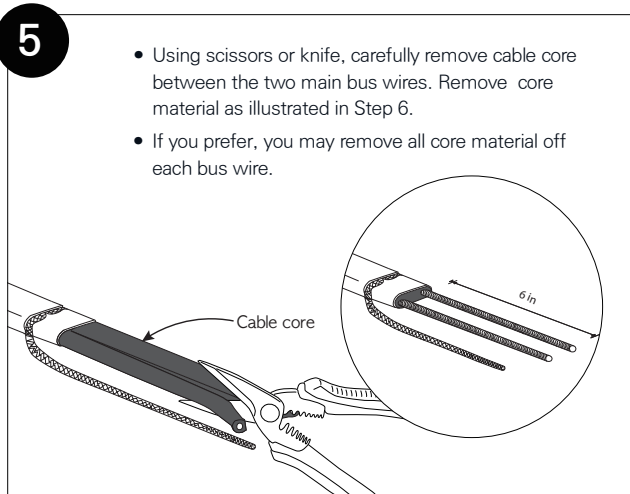
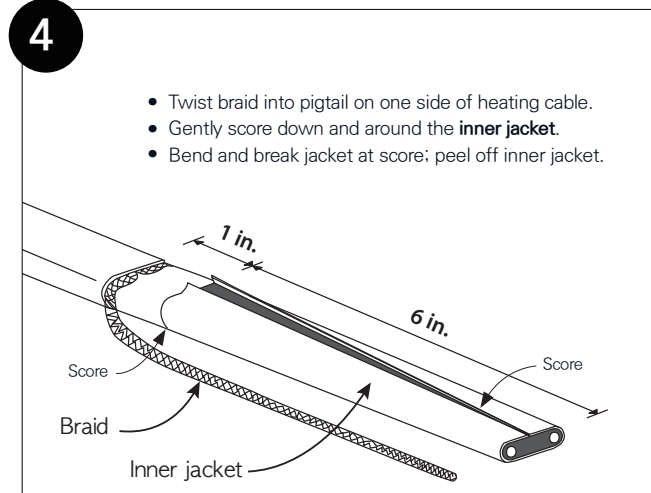
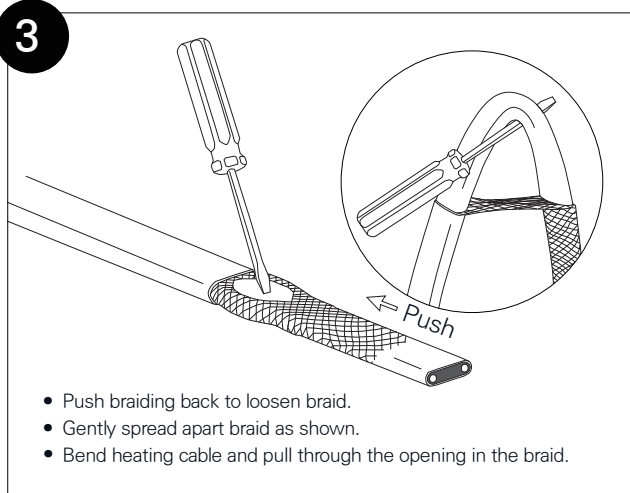
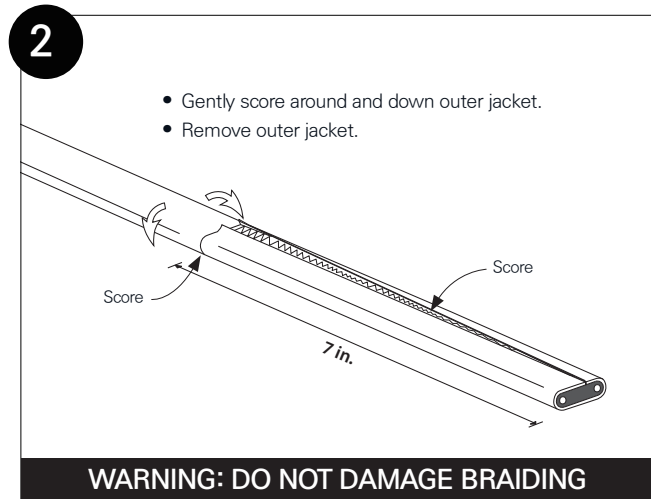
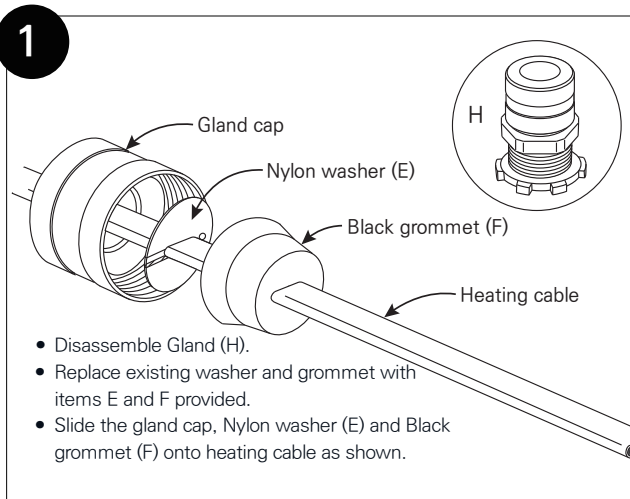
Kit Contents



Item	Description	Dimension	Qty.
A	Heat shrink tubes (Black)	0.15×5.5 in.	2
B	Heat shrink tube (Black)	0.47×1.5 in.	1
C	Heat shrink tube (Green/Yellow)	0.16×6.5 in.	1
D	Wire nuts		3
E	Nylon washer (Blue)		1
F	Black grommet (Silicon)		1
G	Sealing ring		1
H	1/2" NPT Metal gland with lock nut and gland cap		1
I	Pipe mounting bracket (optional)		1
J	Warning label for pipe installations		2
K	Caution label for roof installations		2

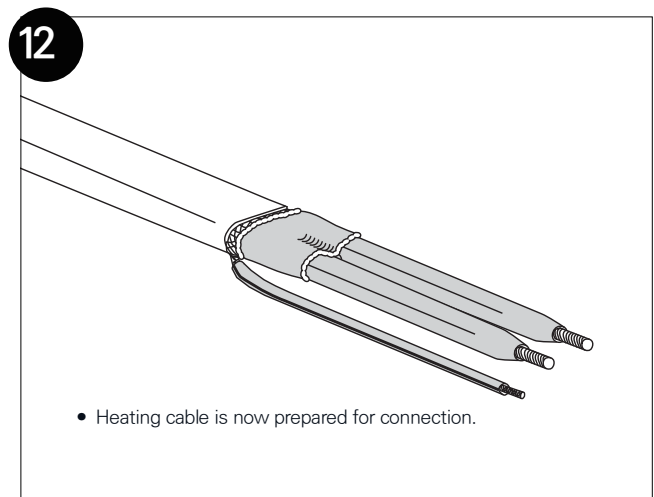
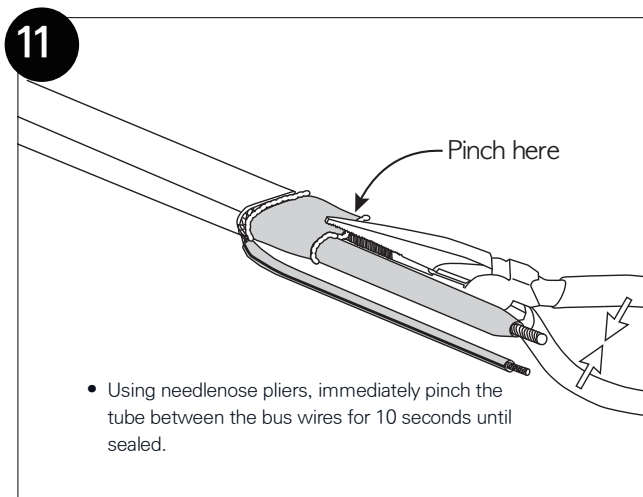
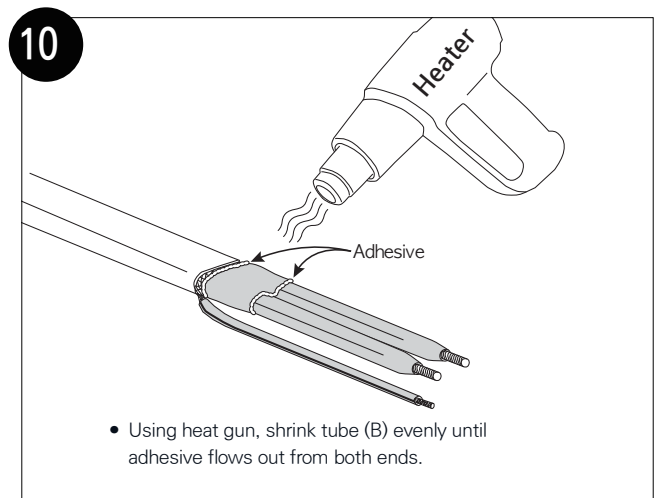
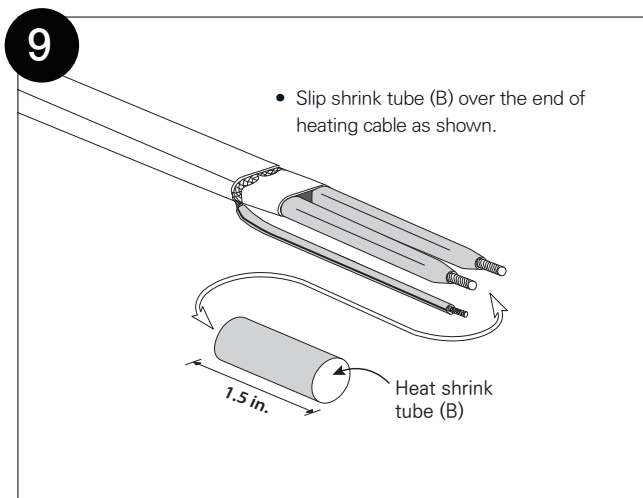
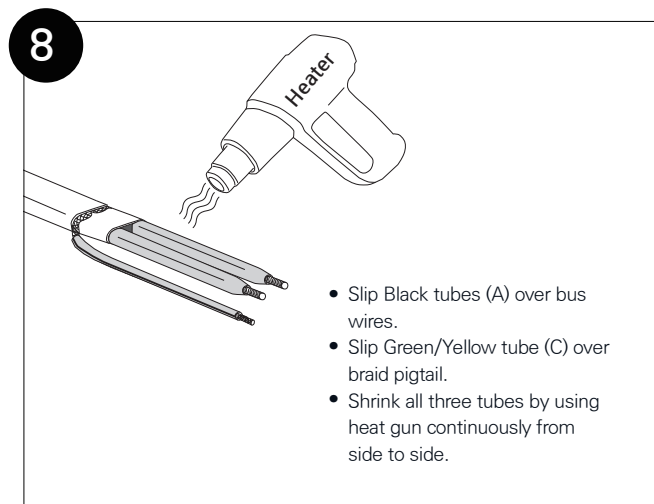
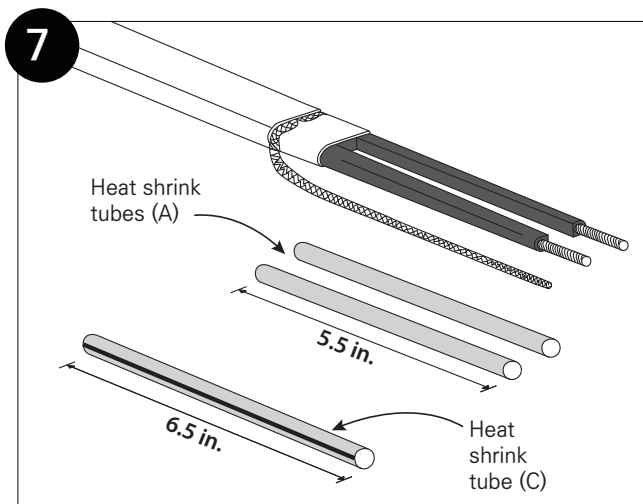
MEP-HT-CPCG-1

Hard-Wired Power Connection Kit



MEP-HT-CPCG-1

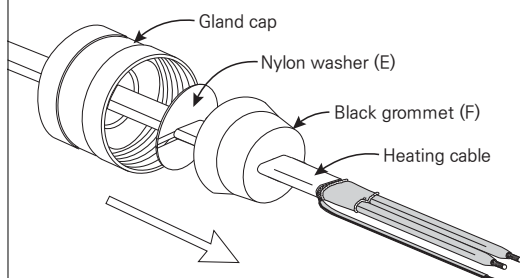
Hard-Wired Power Connection Kit



MEP-HT-CPCG-1

Hard-Wired Power Connection Kit

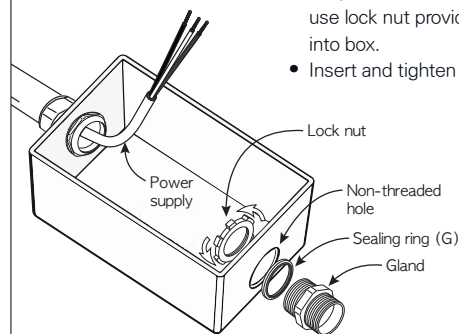
13



- Slide parts to the prepared end of the cable as shown.

14a

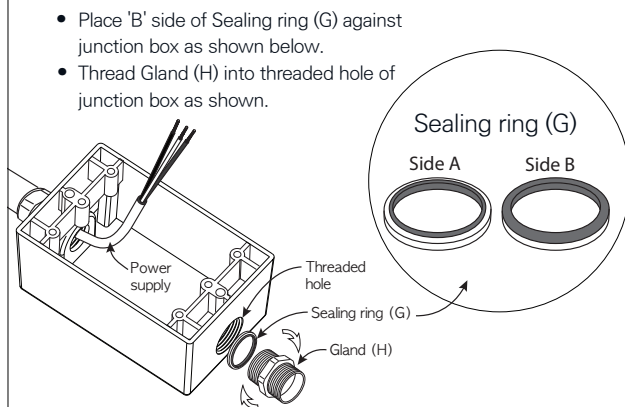
Junction box without threaded hole



- For junction box without threaded hole, use lock nut provided to secure gland into box.
- Insert and tighten sealing fitting.

14b

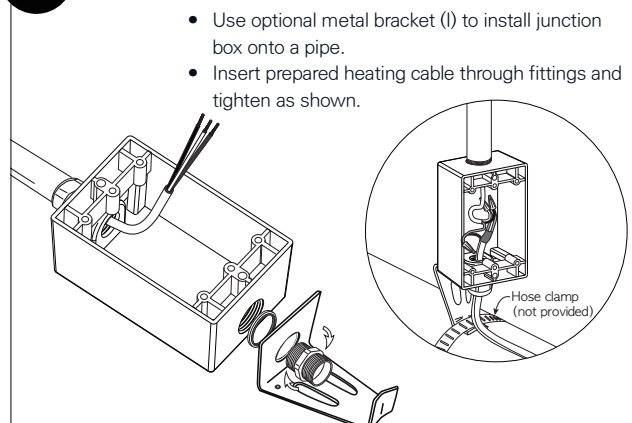
Junction box with 1/2" NPT threaded hole



- Place 'B' side of Sealing ring (G) against junction box as shown below.
- Thread Gland (H) into threaded hole of junction box as shown.

14c

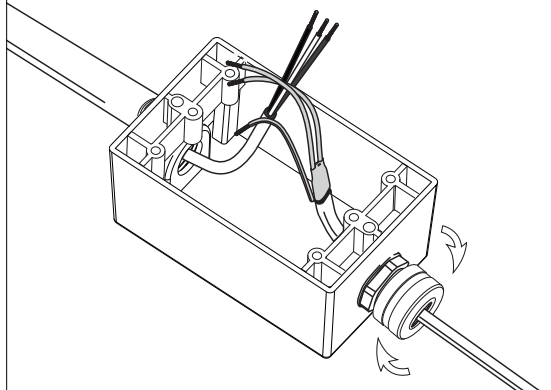
Installation using optional pipe bracket



- Use optional metal bracket (I) to install junction box onto a pipe.
- Insert prepared heating cable through fittings and tighten as shown.

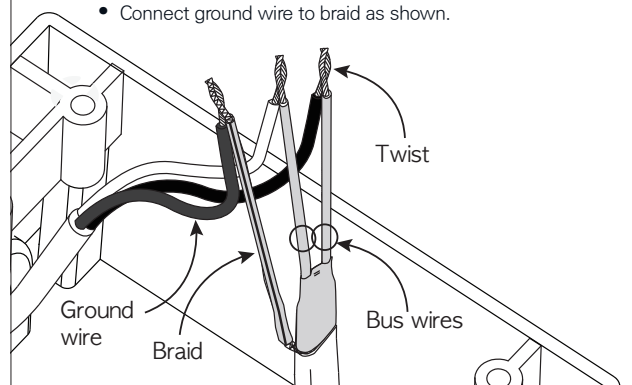
15

- Insert prepared heating cable through Gland (H) and tighten gland cap as shown.



16

- Connect and twist black power supply wire to one bus wire and white wire to the other bus wire. Polarity does not matter.
- Connect ground wire to braid as shown.



MEP-HT-CPCG-1 Hard-Wired Power Connection Kit

