Power Termination

Box Adapter

Pipe Clamps

Gaskets (soft)

Tube of Silicone

Gasket

1

1

1

1

2

3

DESCRIPTION

Voltage

120V

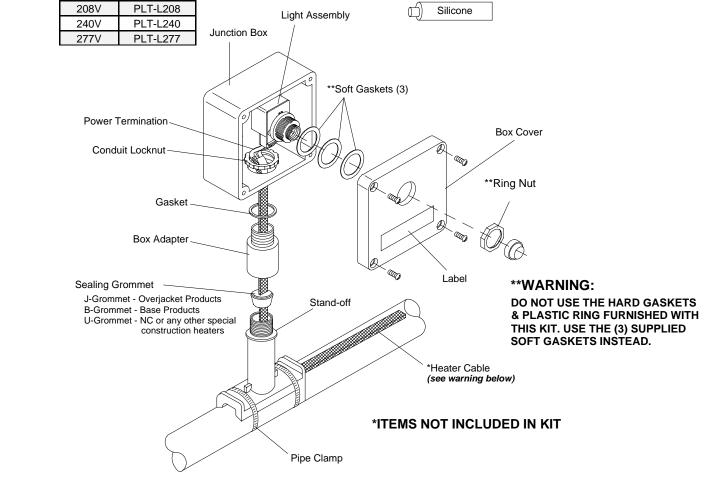
Kit Cat. #

PLT-L120

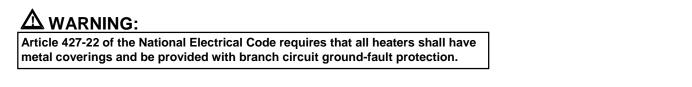
The PLT-L Series End of Circuit Light Kit is for use with all versions of LT, CLT, HLT and NC heater cables. Compatible for use with any vendors heater cables smaller than 11mm (.44") diameter.

KIT CONTENTS

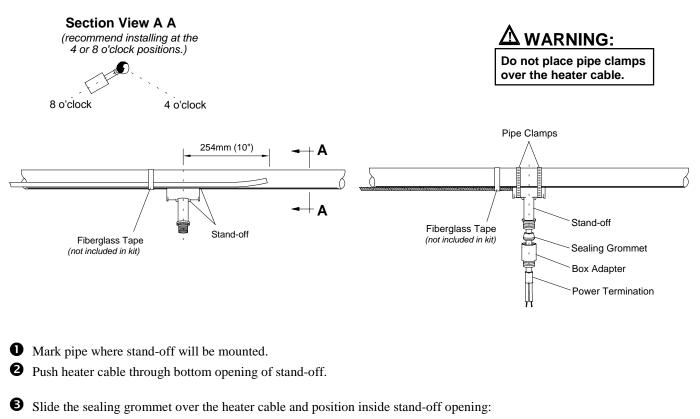
- 1 Junction Box
- 1 Conduit Locknut
- 1 Sealing Grommet
- 1 Stand-off
- 1 Caution Label
- 1 Light Assembly



Note: This detail shows Braided "CB" Products only. For Overjacket "J" or "JT" Products see diagram on sheet 8.



STAND-OFF POSITIONING



for Braided "CB" Products: See "*Grommet Installation for Braided "CB" Products*", sheet 3.

for Overjacket "J" or "JT" Products Proceed with step 4 below.

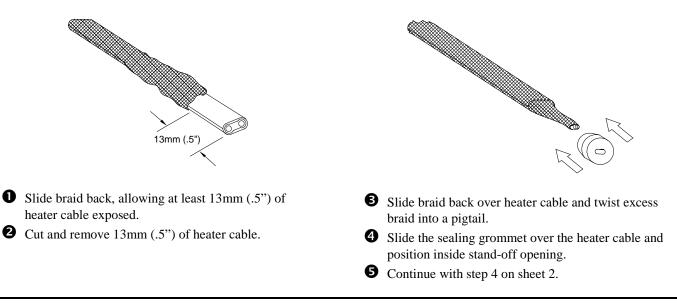
• Apply silicone around the heater cable on top of the sealing grommet and fill any voids in sealing grommet.

6 Slide the box adapter over the heater cable and tighten securely to stand-off.

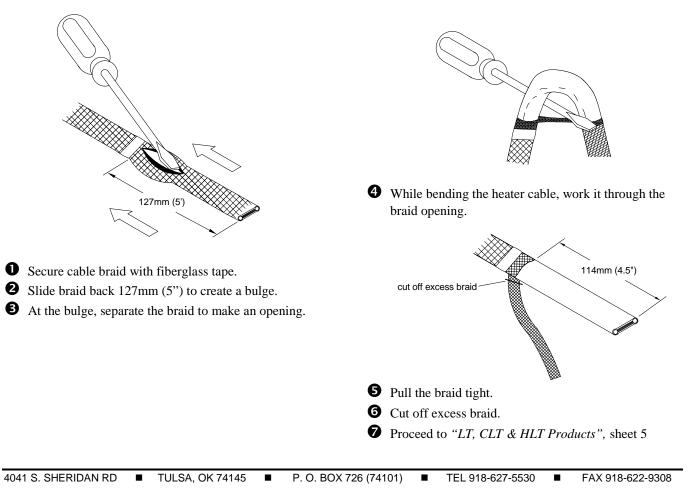
 Prepare heater cable for power termination: for Braided "CB" Products, see sheet 3. for Overjacket "J" or "JT" Products, see sheet 4.

7 Terminate heater cable, see sheet 7.

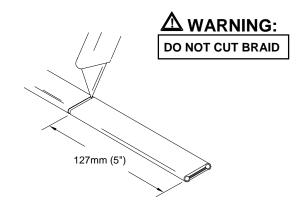
SEALING GROMMET INSTALLATION FOR BRAIDED "CB" PRODUCTS



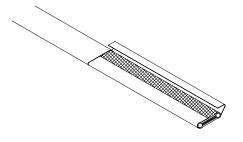
BRAIDED "CB" PRODUCTS

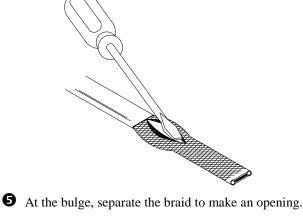


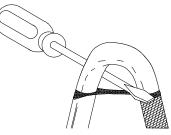
OVERJACKET "J or "JT" PRODUCTS



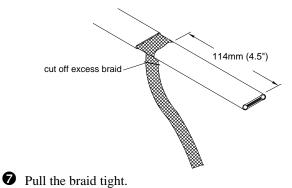
- Lightly cut around cable overjacket 127mm (5") from the end. Bend cable to break the overjacket.
- Lightly cut overjacket up the center between first cut mark and the cable end. Bend cable to break the overjacket.







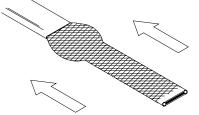
• While bending the heater cable, work it through the braid opening.



- 8 Cut off excess braid.
- **9** Proceed to "LT, CLT & HLT Products", sheet 5.



3 Remove overjacket from heater cable.

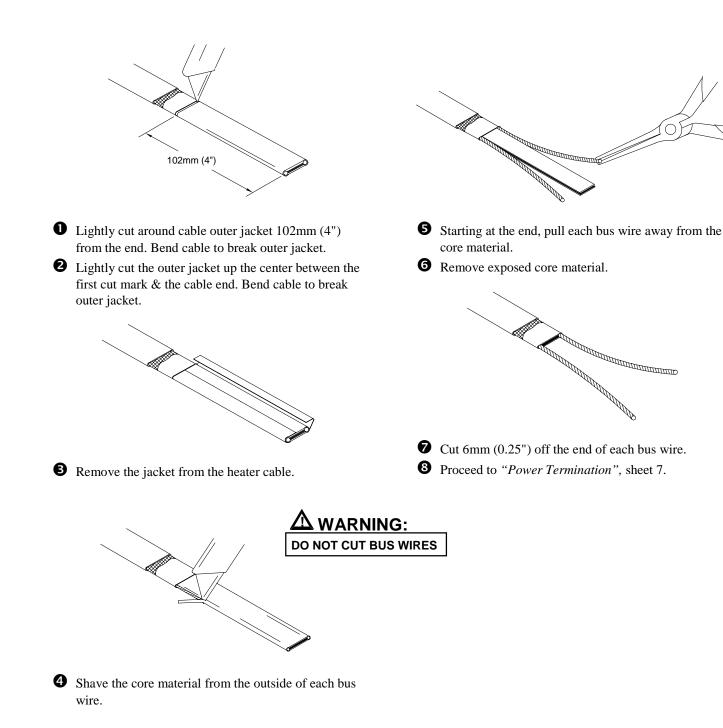


• Move braid back toward the overjacket, creating a bulge.

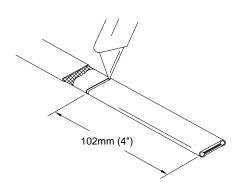
4041 S. SHERIDAN RD

FOR ALL NELSON LT, CLT & HLT PRODUCTS

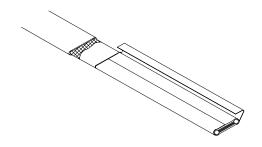
(See sheet 6 for an alternate stripping method for HLT products.)

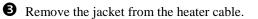


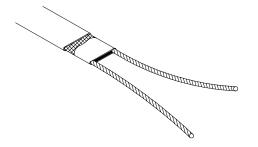
HLT PRODUCTS ALTERNATE STRIPPING METHOD



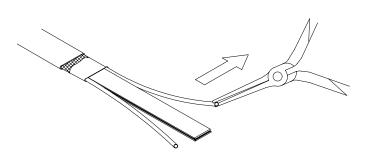
- U Lightly cut around cable outer jacket 102mm (4") from the end. Bend cable to break outer jacket.
- 2 Lightly cut the outer jacket up the center between the first cut mark & the cable end. Bend cable to break outer jacket.



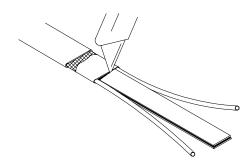




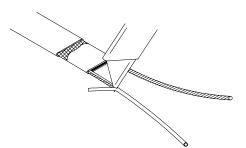
4 Make a cut inside each bus wire.



• Starting at the end, in the same plane as the cable, pull each bus wire away from the core material.



6 Remove the exposed core material.



 Remove the remaining core material off the outside of each bus wire.

FAX 918-622-9308

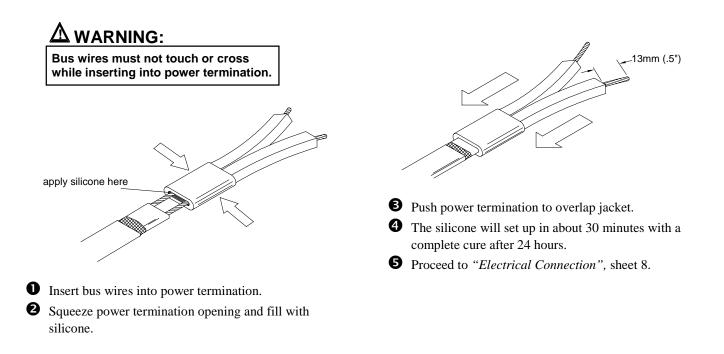
- **8** Cut 6mm (0.25") off the end of each bus wire.
- **9** Proceed to "*Power Termination*", sheet 7.

TEL 918-627-5530

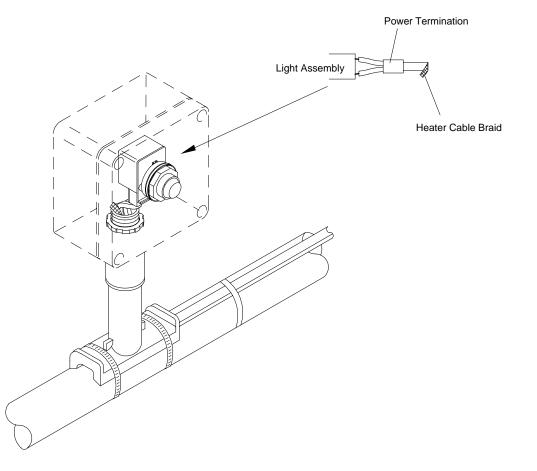
P. O. BOX 726 (74101)

4041 S. SHERIDAN RD TULSA, OK 74145

POWER TERMINATION



ELECTRICAL CONNECTION



Note: This detail shows Overjacket "J" or "JT" Products only. For Braided "CB" Products see diagram on sheet 1.

- Place gasket onto the box adapter.
- **2** Position junction box onto the box adapter and secure it with the conduit locknut.
- **3** Place the two black compensating gaskets onto the light assembly base.
- **4** Insert power wires into screw connection of light assembly.
- **6** Place the box cover onto the light assembly then install the clear trim washer and secure it with the ring nut.
- **6** Secure the box cover onto junction box.