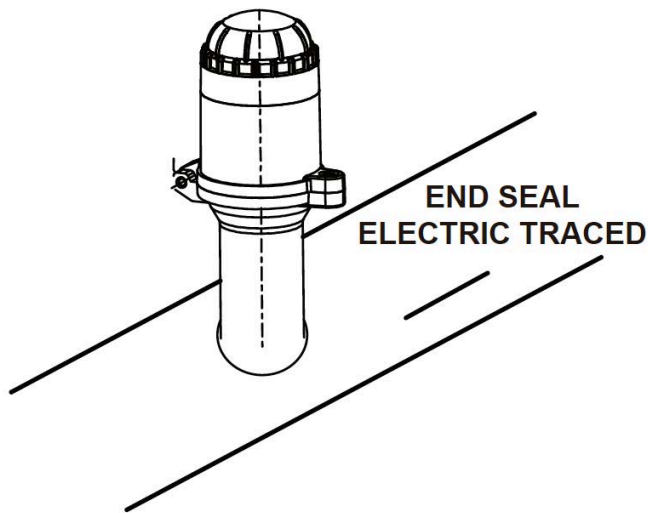


## Installation & Instruction Guide **THE LANTERN** HIGH-PROFILE LIGHTED END SEAL



### DESCRIPTION:

The **Lantern** is an end seal kit with a light that indicates voltage at the end of the circuit. It is designed for use with HTR industrial parallel heating cable.

Once installed, the end seal is easily accessible for maintenance and the heating cable can be accessed without removing the end seal. The LED indicator light provides excellent visibility.

This kit may be installed at temperatures as low as  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ ). For easy installation, store above freezing prior to mounting.

The kit is rated for 85 to 265 V.

Make sure voltage rating of light is the same as that of the heat-tracing circuit.

### APPROVAL:

Class I, Div.2, Groups A, B, C, D;  
Class II, Div.2, Groups E, F, G;  
Class III; Type 4X, IP65;



### TOOLS REQUIRED:

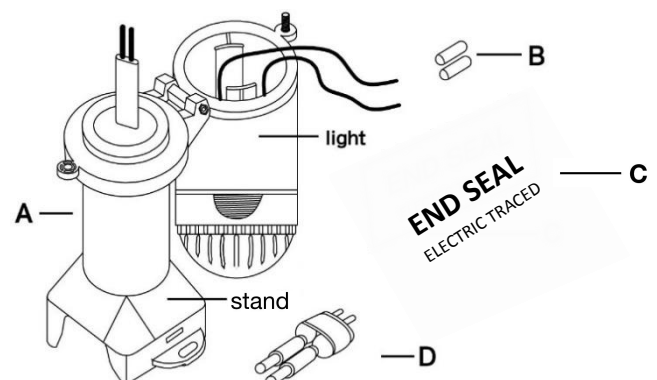
- Wire cutters
- Utility knife
- Needle nose pliers
- Slotted screwdriver or nutdriver

### ADDITIONAL MATERIALS REQUIRED:

- Pipe strap
- Fiber glass tape

### KIT CONTENTS:

Item	Qty.	Description
A	1	End seal stand and light assembly
B	2	Insulated parallel crimps
C	1	End seal label
D	1	Core sealer



# Heating cable types

**1**

- Allow approximately 24 in (60cm) of heating cable for installation.
- Cut off heating cable end at about 45° for easier insertion.
- Apply lubricant for easier insertion into stand.

**2**

- Optional: If stand is to be installed on bottom side of pipe, knock out drain hole prior to inserting cable.
- Slide heating cable through stand
- Square off cable with 90° cut

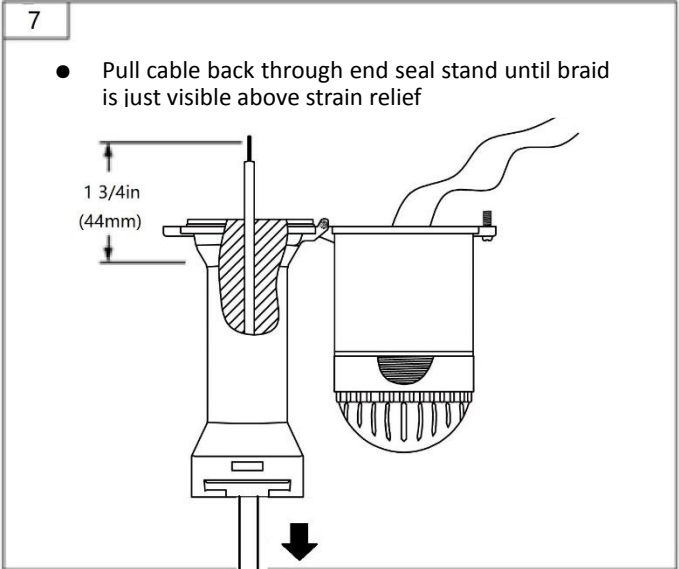
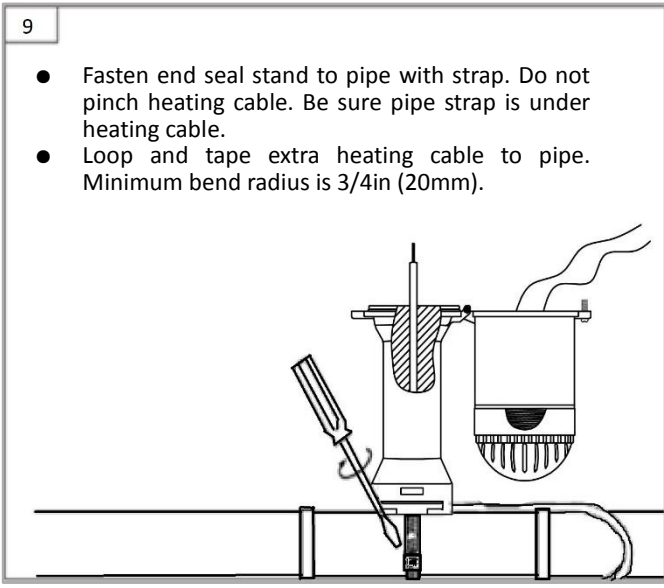
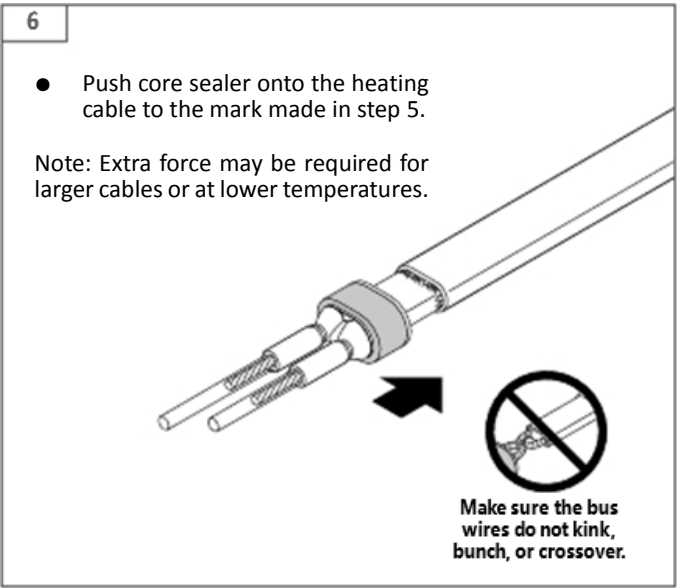
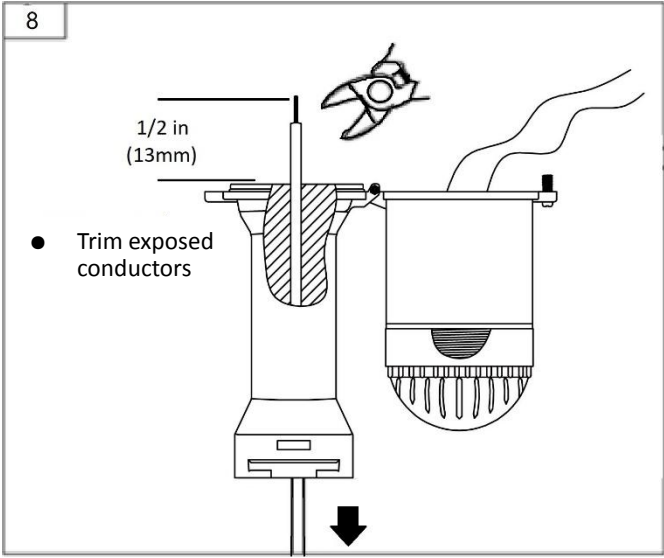
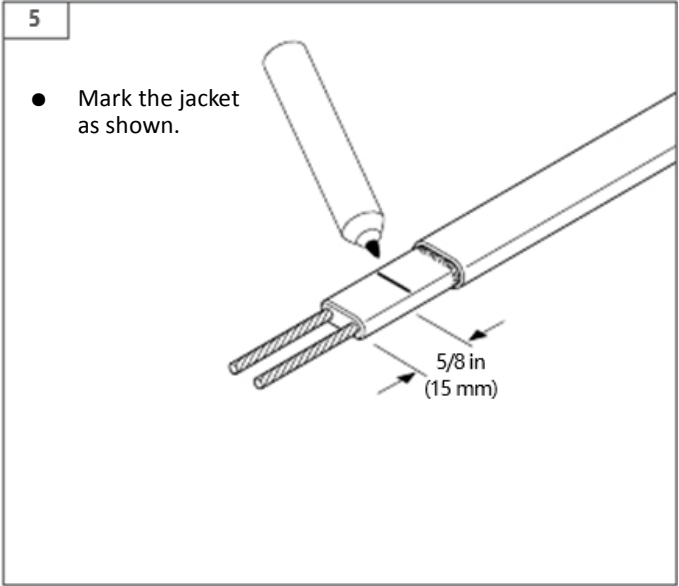
**3**

- Measure exactly 2 1/4 in (57mm).
- Lightly score outer jacket around and down as shown
- Bend heating cable to break jacket at score; peel off jacket.
- Remove all exposed braid.

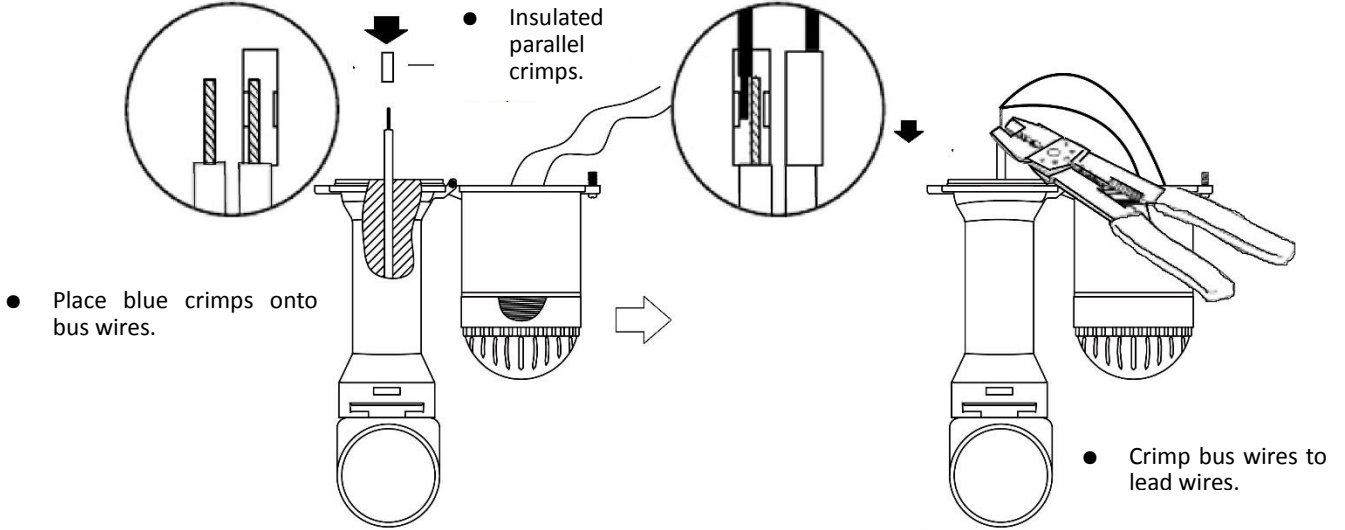
**4**

**Do not cut bus wires**

- Measure exactly 1 3/8 in (35mm).
- Lightly score inner Jacket around and Down as shown.
- Peel off jacket.
- Notch core.
- Peel bus wire from core.
- Score core between bus wires at inner jacket.
- Bend and snap core.
- Peel core from bus wire.
- Remove any remaining core material from bus wires.

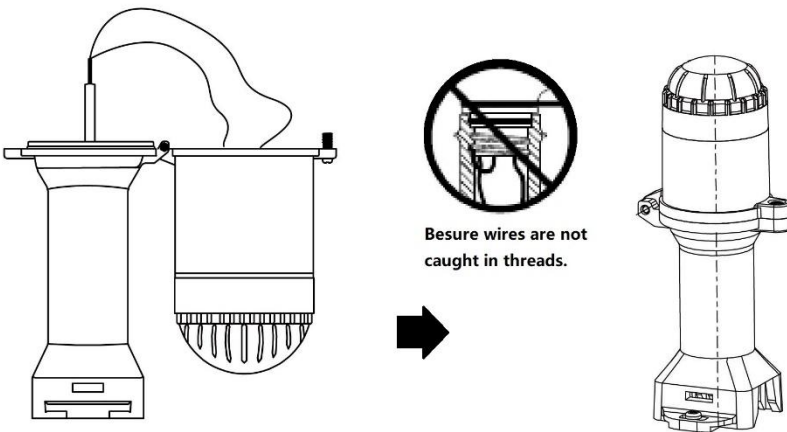


10



11

- Push excess wire inside light.



12

- Insert cable tie through the slot on stand and the slot on the light wrap around the pipe, then tighten.

