

## Separating Heating Cable Bus Wires

### EQUIPMENT REQUIRED:

- Utility knife
- Wire cutter
- Wire stripper—*optional*
- Measuring tape or ruler
- Heat gun
- Needle-nose pliers

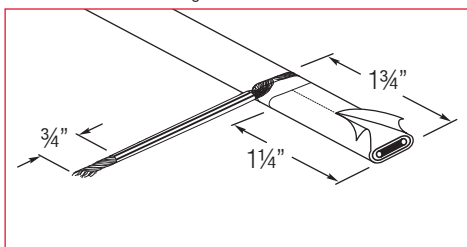
### KIT CONTAINS:

1 – Green/Yellow ground wire heat shrink tube ( $\frac{1}{4}$ " x 1")

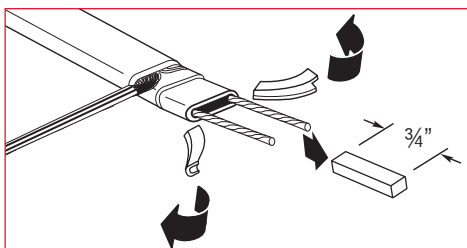
### HOW TO SEPARATE BUS WIRES:

**NOTE:** We recommend **conducting continuity testing at this point of the installation.**

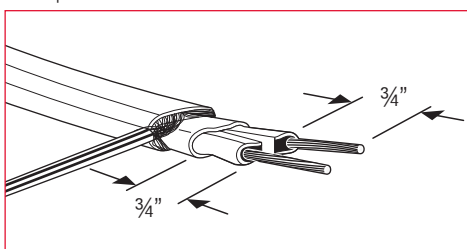
1. Slide sealing washer approximately 12" onto cable.
2. Lightly score around and down outer jacket  $1\frac{3}{4}$ " from the end of the heating cable. Bend heating cable to break jacket at score; peel off outer jacket.
3. Push back braid to loosen. Spread apart braid, bend heating cable and work it through opening in braid.
4. Position braid on one of the flat sides of cable and twist into a pigtail.
5. Slide the green and yellow heat-shrink over the braid so that  $\frac{3}{4}$ " of braid is visible. Use a heat gun to shrink the heat-shrink over the braid.
6. Lightly score around and down the inner jacket  $1\frac{1}{4}$ " from the end of the heating cable and remove.



7. Completely remove  $\frac{3}{4}$ " of the conductive core from the end of the cable exposing the bus wires.



8. Cut down the center of the conductive core to sufficiently separate the bus wires.



## Creating Heat Shrink End Seal

### EQUIPMENT REQUIRED:

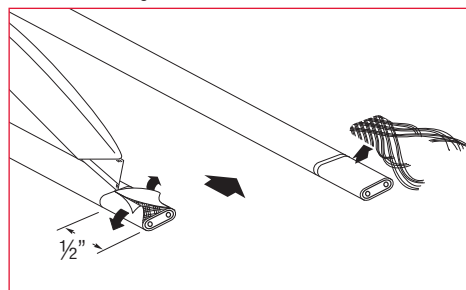
- Utility knife
- Wire cutter
- Heat gun
- Measuring tape or ruler
- Needle-nose pliers

### KIT CONTAINS:

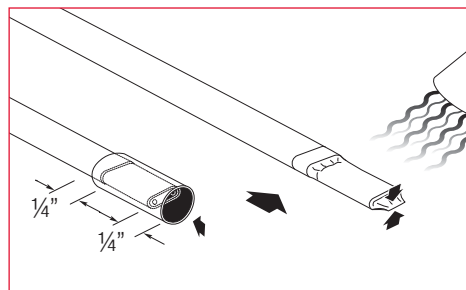
1 – Heat shrink tube ( $\frac{3}{4}$ " x 3 $\frac{1}{2}$ ")  
1 – Heat shrink tube ( $\frac{1}{2}$ " x 1")

### HOW TO CREATE AN END SEAL:

1. Strip and remove outer jacket  $\frac{1}{2}$ " from the end. **DO NOT CUT** into inner jacket. Unravel ground braid. Cut and remove ground braid.



2. Place the  $\frac{1}{2}$ " diameter heat shrink tube over cable ensuring it overlaps outer jacket by  $\frac{1}{4}$ " and extends beyond cable end by  $\frac{1}{4}$ ". Heat shrink tube and while still hot, use pliers to pinch overhang together to seal end; hold for at least 15 seconds.



3. Place the  $\frac{3}{4}$ " diameter heat shrink tube over sealed end ensuring it extends beyond cable end by  $\frac{3}{4}$ ". Heat shrink until inner sealant starts to appear from cap edge. While hot, use pliers to pinch tube shut at overhang. Hold for at least 15 seconds to form a good seal. Inspect to ensure a liquid tight seal was formed.

