

MOR-HEAT-TRACE

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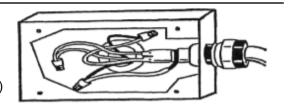
Mor Electric Heating Associates, Inc. 5880 Alpine Ave NW, Comstock Park, MI 49321 800-442-2581

Installation Instructions — Roof and Gutter Components 1548-40R6P Power Connection Kit with 2 End Seals

Manufactured by Heat Trace Products, LLC 233 Florence Street, Leominster, MA 01453

Tools Required: Diagonal cutters, screwdriver, needle nose pliers, utility knife, heat gun or propane torch, crimping tool (SPC Technology Crimp Tool no. 8403-001

(Junction box not included)

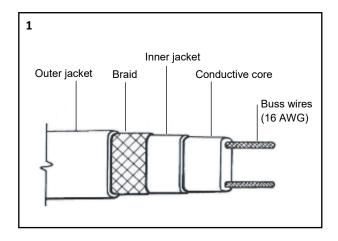


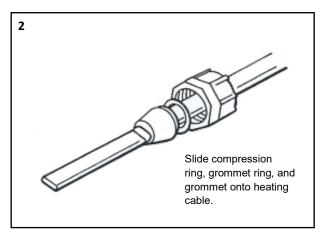
KIT CONTENTS			99	
<u>ITEM</u>	QUANTITY	DESCRIPTION	J—	2 A
Α	1	ground screw		в 🕍 — і
В	1	grommet	D—	3
С	1	sealing fitting:		
		connector body	Н	G
		connector cap		
		gland washer		$\bigcup M$
		locknut		
D	3	shrink sleeve 1/2 x 1 1/2		
Е	1	yellow/green shrink sleeve	- ////D	
F	2	shrink sleeve 1/8 x 5 1/2		
G	3	crimp connectors	///////	— C
Н	2	shrink sleeve 3/4 x 6		
I	1	ring terminal		ע אר א
J	2	end seals	Ė	

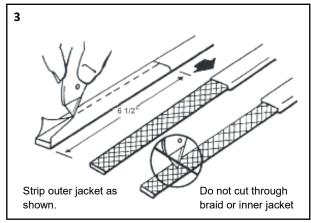
Warning – The contents of the component kit must be installed correctly to ensure proper operation and to prevent shock or fire. Read these important warnings and carefully follow all the installation instructions.

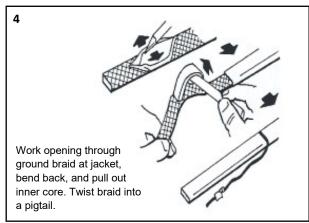
- * To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed use a ground fault protection device. Arcing may not be stopped by conventional circuit breakers.
- * Component approvals and performance are based on the use of specified parts only. Do not substitute parts or use vinyl electrical tape.
- * The black heating-cable core is conductive and can short. It must be properly insulated and kept dry.
- * Damaged bus wires can overheat or short. Do not break bus wire strands when preparing the cable for installation.
- * Bus wire will short if they contact each other. Keep bus wires separated.
- * Heat-damaged components can short. Use a heat gun or torch with a soft yellow low-heat flame; not a blue focused flame. Keep the flame moving to avoid overheating, blistering, or charring the heat-shrinkable tubes. Avoid heating other components. Replace any damaged parts.
- * Leave these installation instructions with the user for future reference.

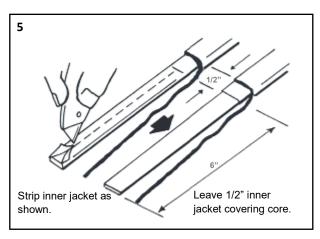
WARNING – Overheating heat-shrinkable tubes will produce fumes that may cause irritation. Use adequate ventilation and avoid charring or burning.

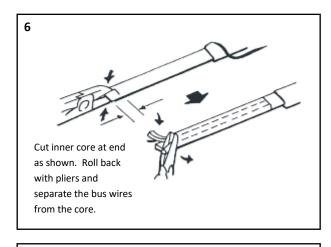


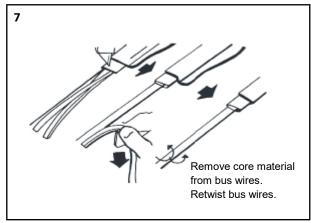


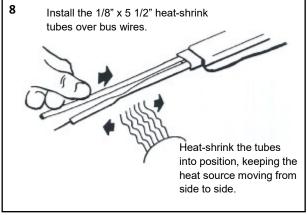


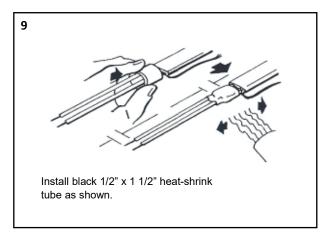


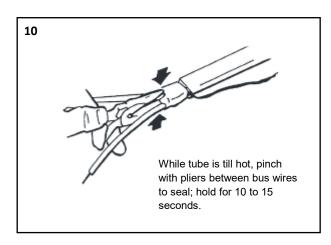


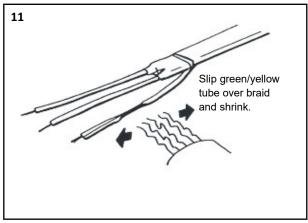


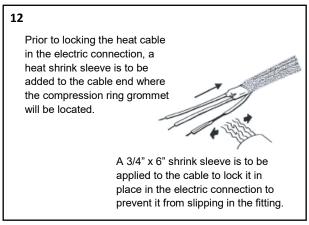


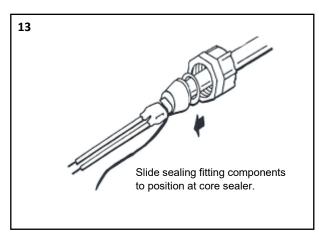


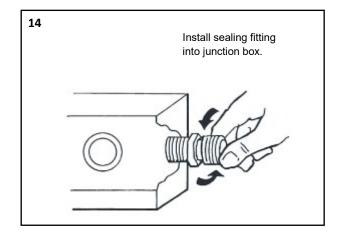


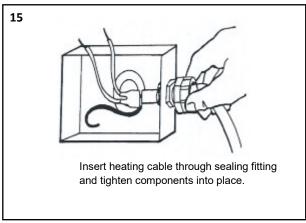


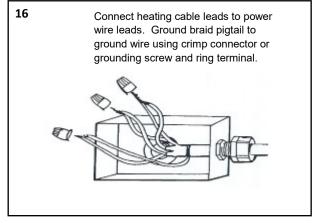


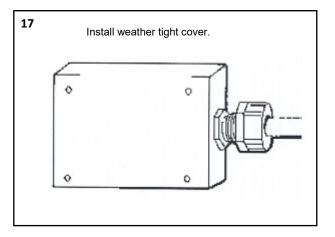












End Seal

This kit includes enough tubing to make 2 end seals.

TOOLS REQUIRED:

Diagonal cutters, needle-nose pliers, utility knife; heat gun or propane torch.

a. Score and remove 3" of the outer jacket from the end of the heater.



b. Slide the braid back from the end of the heater and cut about 1 1/2" squarely off the end of the heater, making sure the conductors are not in contact with each other.



c. Slide a 1/2" x 1 1/2" long piece of shrink sleeve over the end of the heater allowing 1" to cover the heater and 1/2" to extend beyond the end of the



d. Apply heat to shrink the sleeve around the heater. While the sleeve is still hot, squeeze the open end of the sleeve with the needle nose pliers and hold together until cool to seal the shrink sleeve end. If end does not remain visibly sealed when pliers are removed, repeat this sealing step. The end must remain visibly sealed when the pliers are removed.



e. Slide the braid over sealing shrink sleeve and twist end of braid into a pigtail.



f. Slide the 3/4" x 4" long piece of shrink sleeve over the braid so that 3/8" extends out past the end



of the pigtail.

