

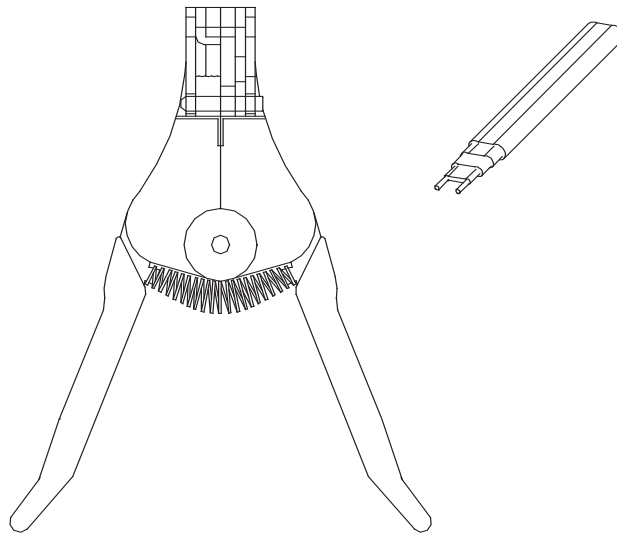
# Chromalox®

## *Installation & Operation Instructions*

### SERVICE REFERENCE

DIVISION 4	SECTION RT
SALES REFERENCE	PJ494
	161-562421-002
DATE	AUGUST, 2005

## Self-Regulating Heating Cable Stripping Tool



Description	PCN
Cable Stripping Tool with 16GA blades	393510
14 GA blades – use with SRM/E cables	393529
16 GA blades – use with SRF and SRL cables	393537

### GENERAL

The Self-Regulating Heating Cable Stripping Tool should be used with Chromalox self-regulating type cable only. The cable stripping tool comes with 16 GA cutting blades, however, the cutting blades used will depend on the buss wire gauge of your particular cable. There are two blade sizes available: 16 and 14. To change

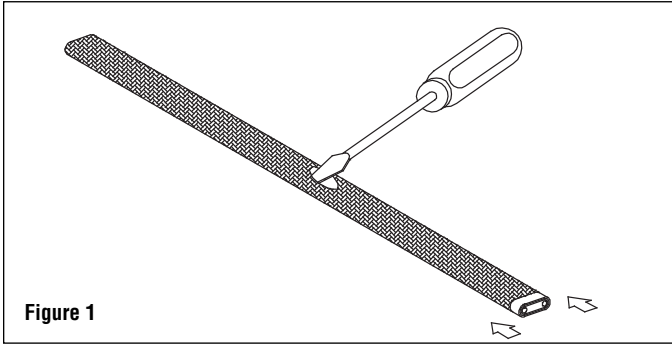
or replace blades, please refer to page 3. This tool is used to strip the base jacket and matrix material leaving the buss wires bare, to be connected to your termination. It cannot be used to strip an overjacket or the grounding braid.

## INSTALLATION

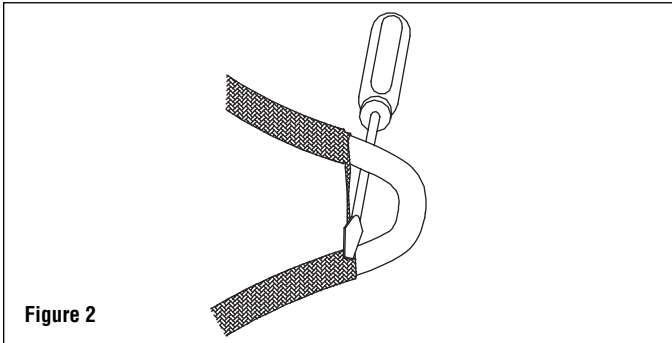
### Braid-Only Cable Instructions

#### SRL-C, SRF-C, SRM/E-C

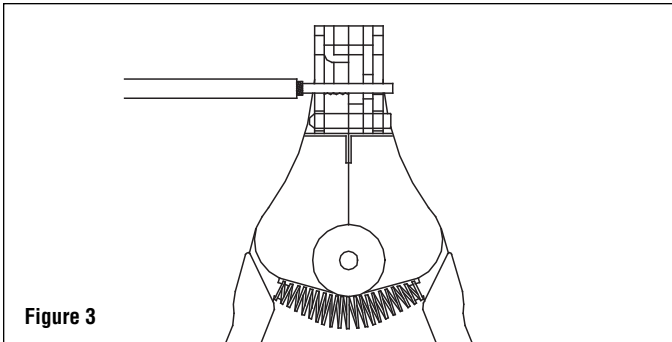
1. Push braiding back from the end of the cable to create a bulge. At the bulge, separate the braid to make an opening. (See Fig 1).



2. While bending the heating cable, work the cable through the braid opening. Pull the braid tight. (See Fig 2).



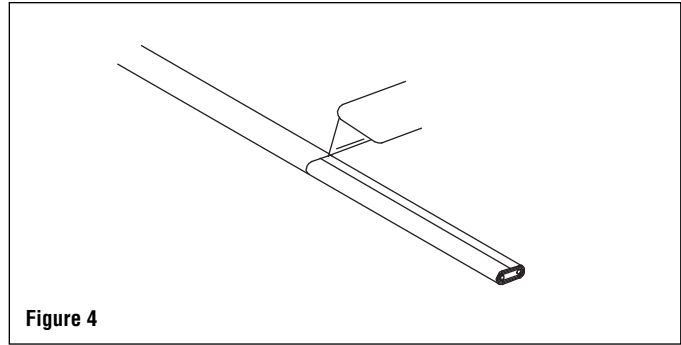
3. Insert the base cable into the cable stripper taking care to properly line up the cable buss wires. (See Fig 3). Note that only the base jacket and conductive polymer can be stripped by this hand tool. Do not attempt to cut through the grounding braid or overjacket. Up to 1/4" can be stripped at a time. If cutting is difficult, reduce the stripping length and make additional cuts.



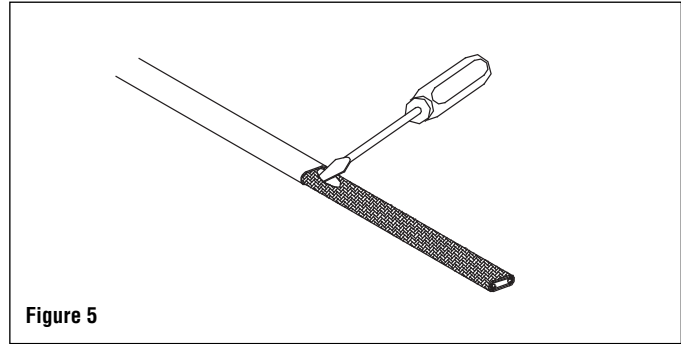
### Overjacketed Cable Instructions

#### SRL-CR, SRL-CT, SRF-CR, SRM/E-CT

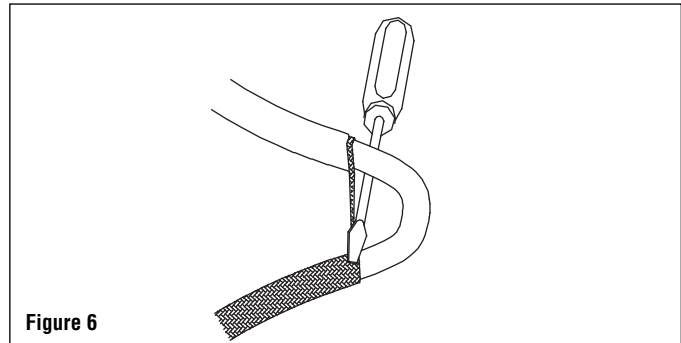
1. Insert heating cable through the Chromalox termination kit and grommet.
2. Score the outer insulation 7 inches from the end of the cable. Lightly cut the outer jacket up the center to the end of heating cable and remove the outer jacket from the cable. (See Fig 4). **WARNING: DO NOT CUT METAL BRAID.**



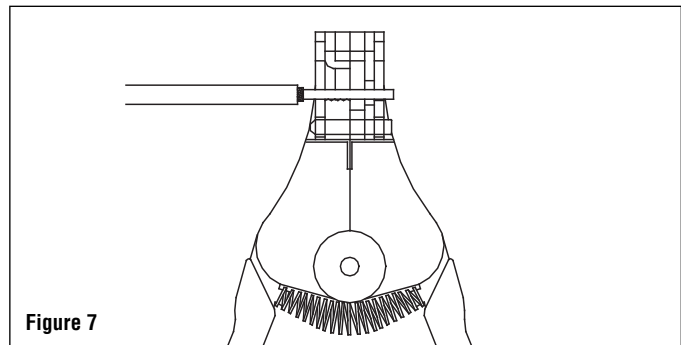
3. Move braid back toward the overjacket, creating a bulge. At the bulge, separate the braid to make an opening. (See Fig 5).



4. While bending the heating cable, work the cable through the braid opening. Pull the braid tight. (See Fig 6).

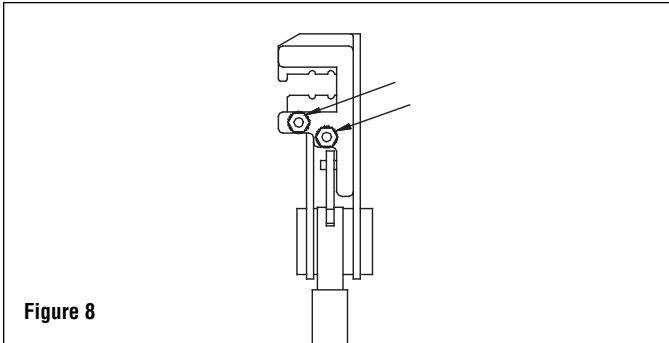


5. Insert the base cable into the cable stripper taking care to properly line up the buss wires. (See Fig 7). Note that only the base jacket and conductive polymer can be stripped by this hand tool. Do not attempt to cut through the grounding braid or overjacket. Up to 1/4" can be stripped at a time. If cutting is difficult reduce the stripping length and make additional cuts.

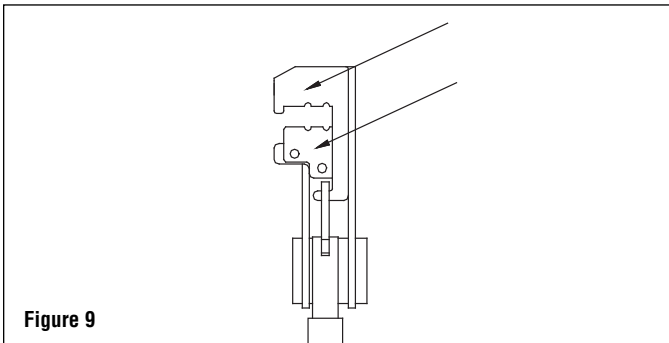


## INSTALLATION (BLADE REPLACEMENT)

1. Take off the blade bracket by removing the two nuts. (See Fig 8).



2. Remove the cutting blades. Note that the beveled edge faces away.



3. Replace the blades and re-install blade bracket. (See Fig 9).

**Limited Warranty:**  
Please refer to the Chromalox limited warranty applicable to this product at  
<http://www.chromalox.com/customer-service/policies/termsofsale.aspx>.

**Chromalox<sup>®</sup>**  
**PRECISION HEAT AND CONTROL**

1347 HEIL QUAKER BLVD., LAVERGNE, TN 37086  
Phone: (615) 793-3900      [www.chromalox.com](http://www.chromalox.com)