

# BCIC-RAPTOR COVERS BCAC-G-ARM

Raptor Protection Cover

## Product Installation Instructions

### Safety Instructions

**⚠ DANGER** When installing electrical power system accessories, failure to follow applicable personal safety requirements and written installation instructions could result in fire or explosion and serious or fatal injuries.

**⚠ DANGER** As TE Connectivity (TE) has no control over field conditions which influence product installation, it is understood that the user must take this into account and apply his own experience and expertise when installing product.

**⚠ DANGER** Working around energized high-voltage systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling high-voltage electrical equipment.

**⚠ DANGER** Power distribution and transmission products must be properly selected for the intended application. It must be installed and serviced by competent personnel who have been trained and understand proper safety procedures. These instructions are written for such personnel and are not a substitute for adequate training and experience in safety procedures.

**⚠ CAUTION** Read and understand the contents of these instructions before installation and follow all locally approved procedures and safety practices before installing or operating this equipment

**⚠ CAUTION** These instructions cannot cover all details or variations in the equipment, procedures, or processes described, nor provide directions for meeting every possible contingency during installation, operation, or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for the user's purpose, please contact your TE sales representative. These instructions are not intended to supersede or replace existing safety and operating procedures.

**NOTICE** Upon receipt of a product, inspect it thoroughly for damage and loss of parts incurred during shipment. If damage or loss is discovered, file a claim with the carrier immediately or contact your TE representative.

### Suggested Installation Equipment (not supplied with kit)

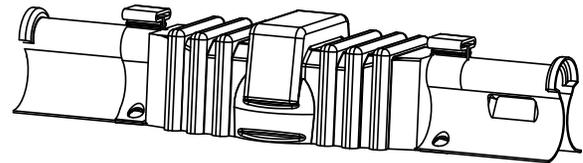
- Cable preparation tools
- TE P63 cable preparation kit or cable manufacturer approved solvent
- Clean, lint-free cloths
- Non-conducting abrasive cloth, 120 grit or finer
- Electrician's tape
- Connector(s) and installation tools.

### Customer Service

For 24 hour customer service, call 800-327-6996.

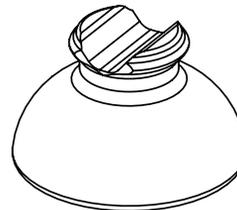
### Components for Installation

BCIC-HZ-PIN-01: Raptor protection cover

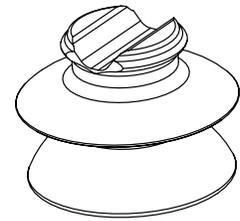


### Cover Use Range

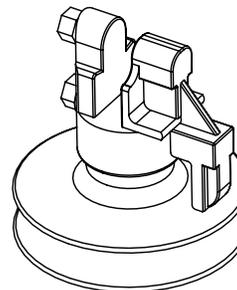
- Fits insulator types as illustrated (below).
- Accepts #6 to 795 conductor size.



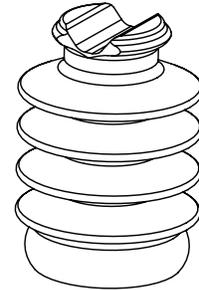
55-5 Pin Type



56-1 Pin Type



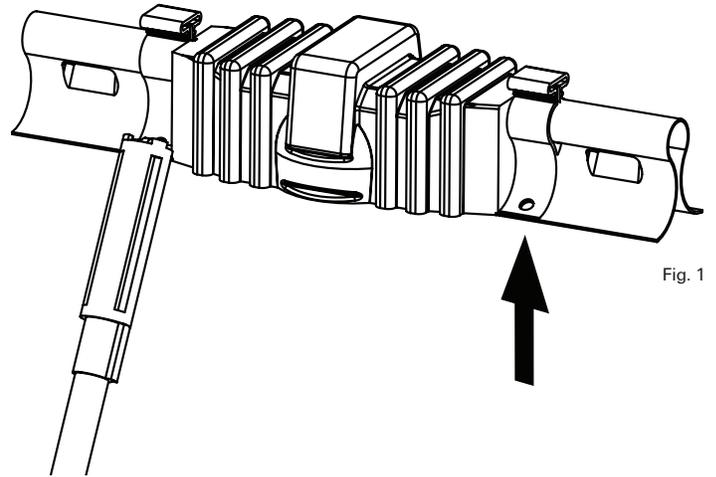
Polymer Clamp Type



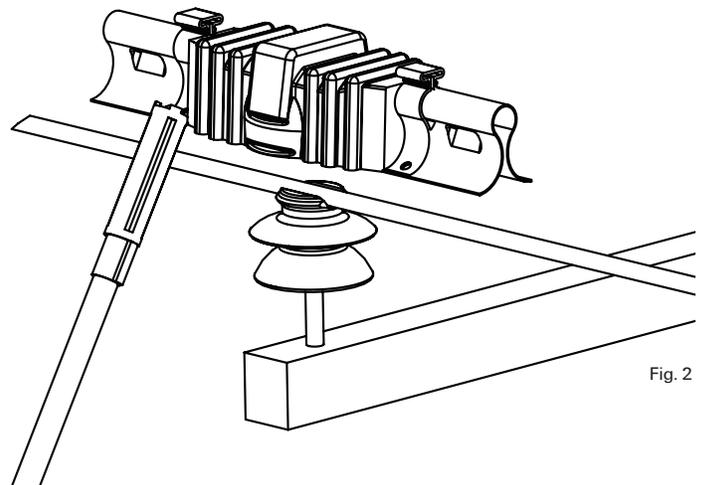
Line Post

## Installation Instructions

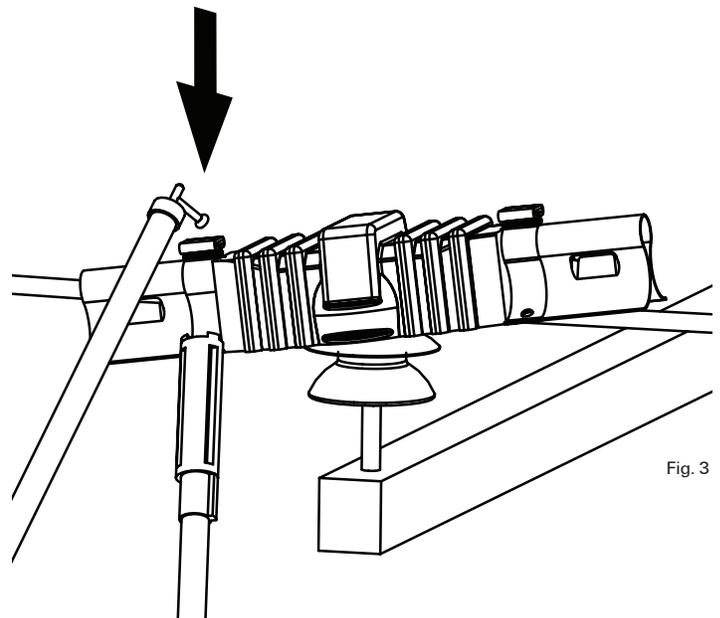
1. Secure BCIC cover to “shotgun” type hotstick through one of four holes provided in the Omega clip.



2. Drape the cover over the insulator and straddle the conductor.

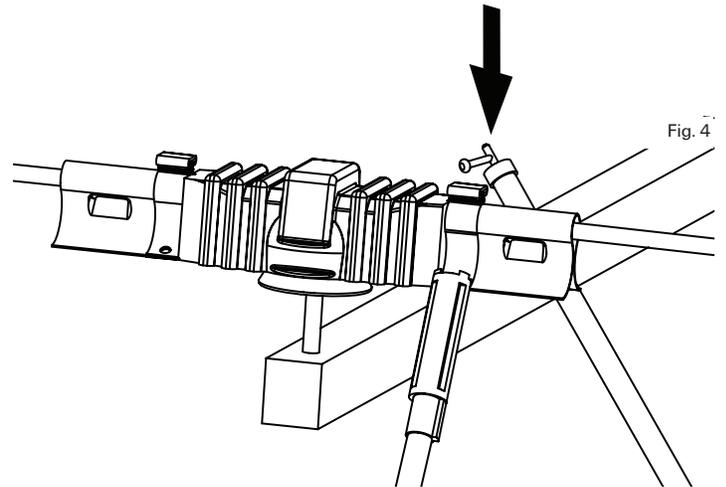


3. Secure cover to conductor by taking a second hotstick and pushing down at the top of the clip. Disconnect hotsticks.



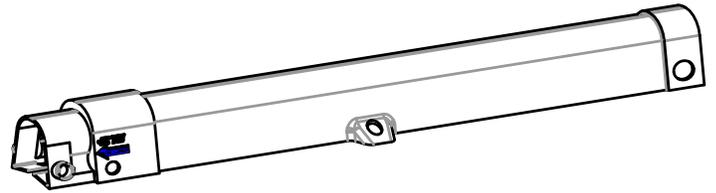
## Installation Instructions

4. Secure hotstick to Omega clip at opposite end of BCIC cover. Repeat step 3.

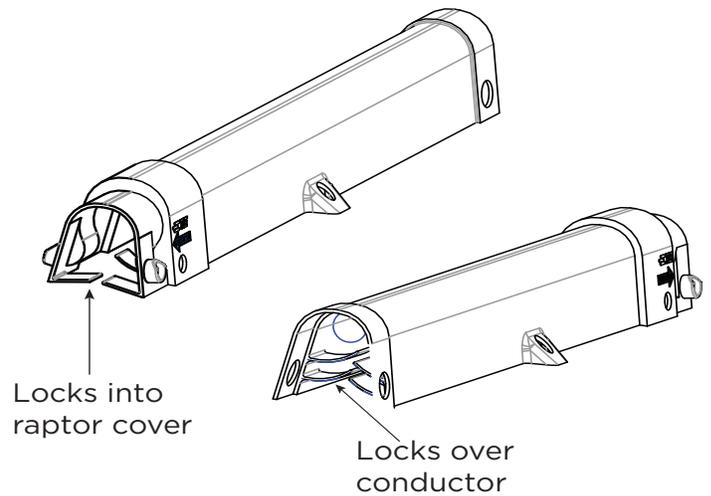


## Arm Installation

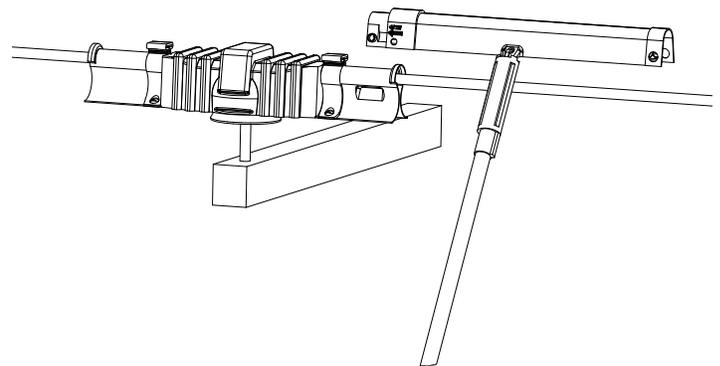
**NOTICE** For extending the protection distance of the cover, use the BCAC-G-ARM



**NOTICE** The arm must be installed in the correct position to ensure a secure fit. One end of the arm snaps over the raptor cover, and the other end snaps over the conductor.

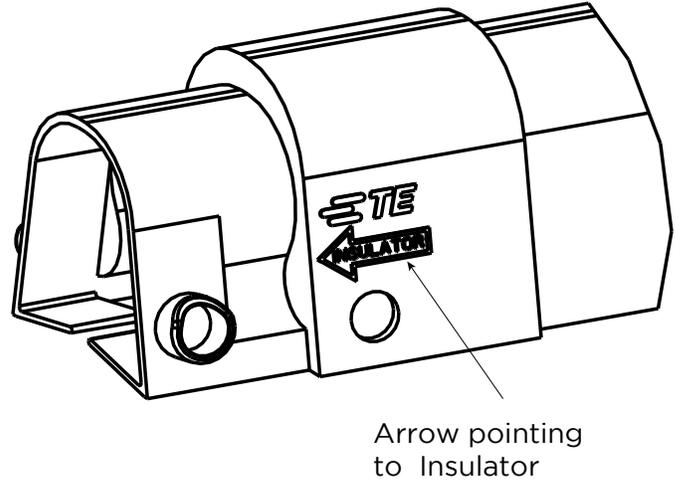


1. Secure the hotstick in the tab in the middle of the BCAC-G-ARM.

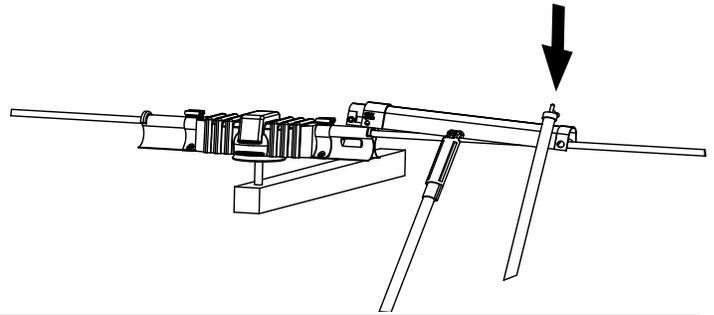


## Installation Instructions

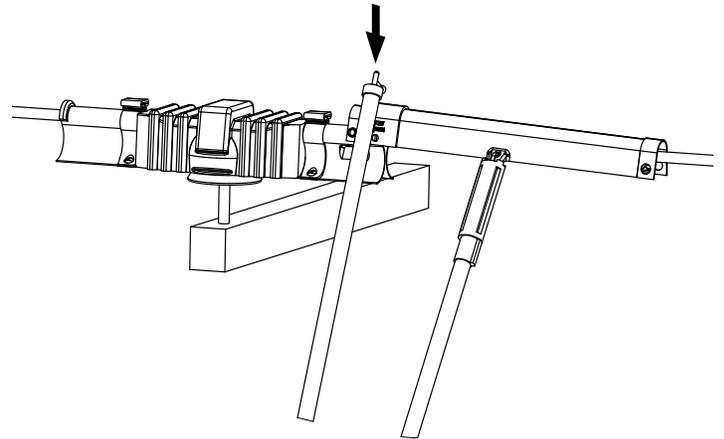
**NOTICE** Make sure the end of the arm with the insulator arrow is pointing towards the insulator.



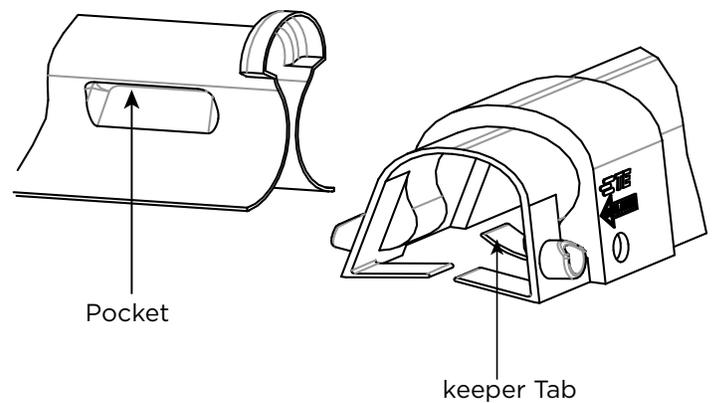
2. Using a hotstick, press down on the end of the arm to snap onto the conductor



3. Press down on the other end of the arm, to snap onto the raptor cover.

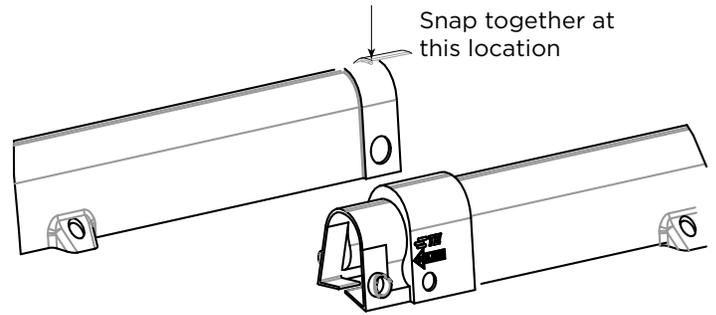


**NOTICE** Make sure "keeper" tab in clip sits into pocket of BCIC cover.

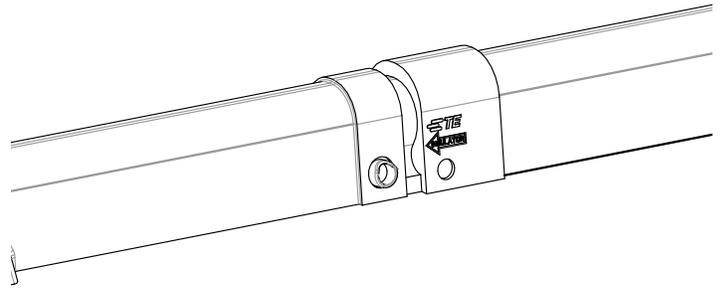


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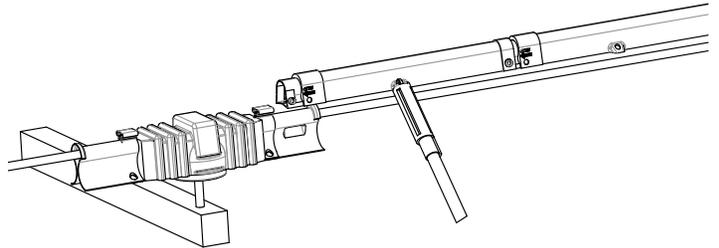
**NOTICE** To increase the protection distance of the raptor cover, the arm can be doubled in length, by snapping two arms together.



1. To assemble two arms together, press the arm end with holes down over the end with the circular boss.

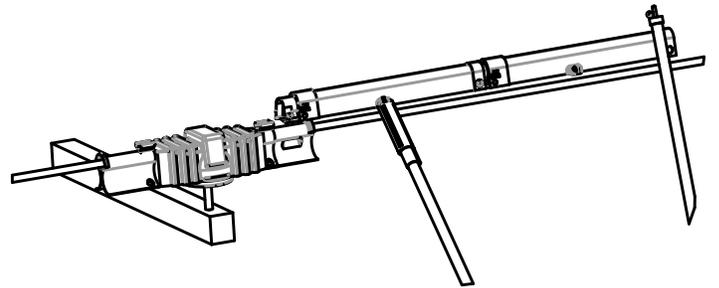


2. Secure the hotstick in the tab closes to the insulator.

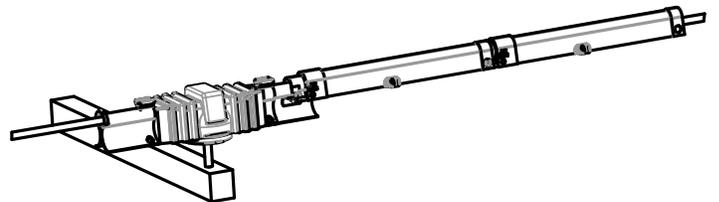


3. Using the hotstick, snap the arm down over the conductor in two places and also onto the raptor cover.

**NOTICE** Confirm that the "Keeper" tab in the arm is positioned in the "pocket" of the raptor cover.



4. Repeat the process with two assembled arms on the other end of the raptor cover to complete the installation.



## Installation complete

The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE has no control over the field conditions which influence product installation. It is the user's responsibility to determine the suitability of the installation method in the user's field conditions. TE's only obligations are those in TE's standard Conditions of Sale for this product and in no case will TE be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

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