

Installation Instructions: K655YDR Deadbreak Insulating Cap

CONTENTS: *Insulating Cap, Bail Bracket, Bail, Nylon Venting Rod, Lubricant (DO NOT SUBSTITUTE), Hose Clamp (K655YDR-CS2071 only), Installation Instructions.*

The K655YDR is designed for insulating, shielding, and watersealing any leg of an Elastimold 15kV class (8.3kV phase to ground) and 25kV class (15.2kV phase to ground) wye splice respectively.

DANGER

All apparatus must be de-energized during installation or removal of part(s).

Do not touch or move energized products in the work area.

These instructions do not attempt to provide for every possible contingency.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

All apparatus must be installed and operated in accordance with individual user, local and national work rules and electrical standards.

For loadbreak products follow operating instructions. All deadbreak connectors must be de-energized before operating. All 200A deadbreak connectors must be mechanically secured with bails when connected.

If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

Inspect parts for damage, rating and compatibility with mating parts.

Excess distortion of the assembled product may result in its failure.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD® OFFICE.

Limited Warranty:

1. T&B warrants that its products will be free from defects in materials or workmanship for a period of two (2) years, except for tools which are warranted separately (see warranty accompanying those products). Fisher Pierce® products and Elastimold® Reclosers are warranted for three years; and Joslyn™ VBT and VBU capacitor switches are warranted for four years or 40,000 operations whichever occurs first. Upon prompt notification of a warranted defect, T&B will, at its option, repair or replace the defective product.
2. In no event shall T&B be liable for any consequential, indirect or special damages, nor will T&B be liable for transportation, labor, or other charges arising out of the removal or reinstallation of its products. Liability for breach of warranty is limited to the cost of repair or replacement of the warranted product only.
3. Misuse, misapplication or modification of T&B products immediately voids all warranties.

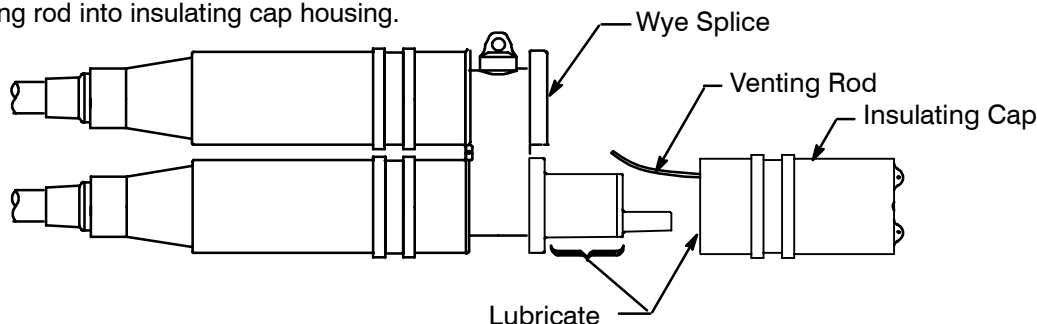
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IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

STEP 1

1. Lubricate wye splice and inside of insulating cap with the supplied lubricant or Elastimold approved lubricant.
2. Insert venting rod into insulating cap housing.

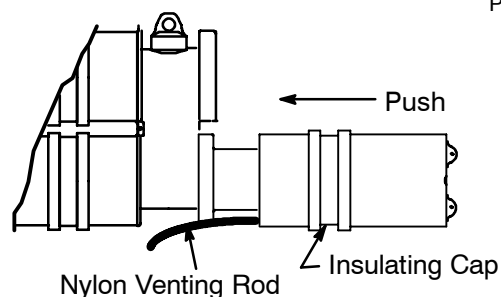


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STEP 2

Slide the insulating cap up to the position shown. Insert the nylon venting rod (supplied).

IMPORTANT: Assemble the cap slowly to allow venting of air.

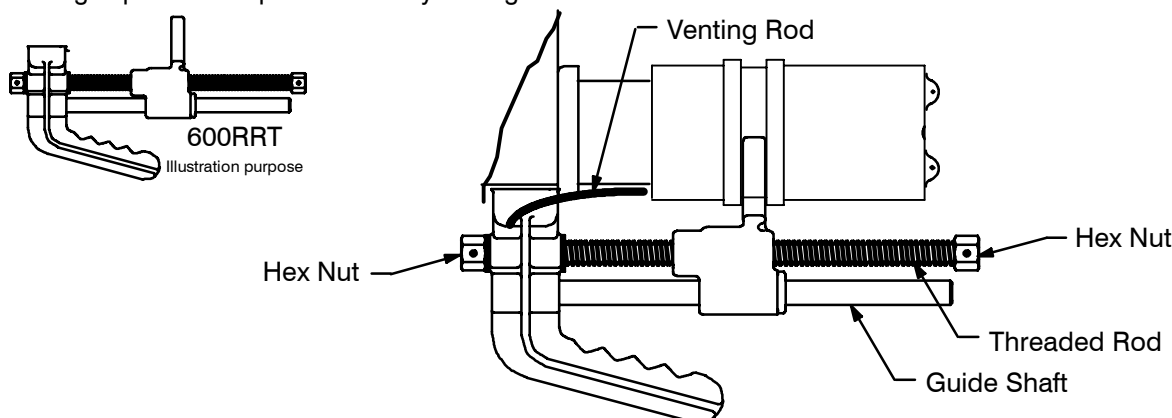


STEP 3

Place the 600RRT assembly tool as shown.

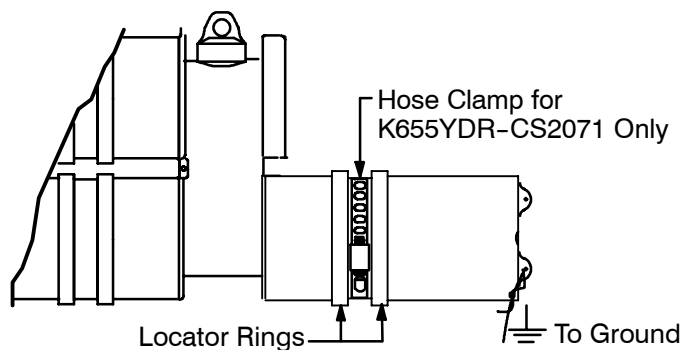
WARNING: DO NOT PLACE HAND ON THREADED ROD OR GUIDE SHAFT WITH THE ASSEMBLY TOOL IN PLACE.

Slide the insulating cap over the splice section by turning the hex nut on either end of the tool. Remove the vent rod.



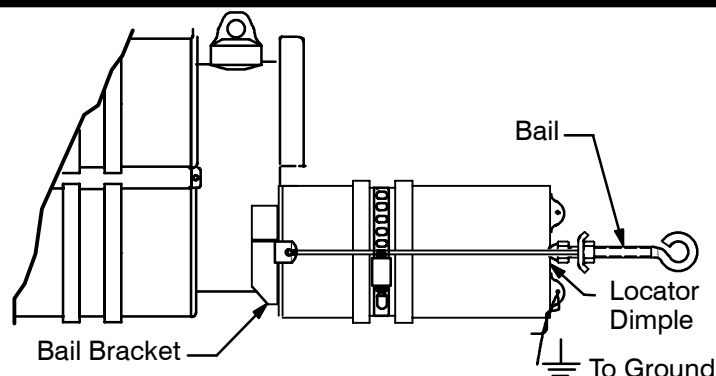
STEP 4

1. For K655YDR-CS2071 only, position hose clamp between locator rings on insulating cap. Tighten clamp until an audible click.
2. Insert one end of a piece of wire, with current carrying capacity at least equal to #14 copper, through the grounding eye and twist to make a small loop, taking care not to damage the grounding eye. Connect the other end of the wire to ground.



STEP 5 ASSEMBLE BAIL

1. Place hold-down bail as shown.
2. Pull hold-down bail up over the or top of the insulating cap so that the eyebolt on the bail is directly over the locator dimple.
3. Turn eyebolt in clockwise direction to tighten insulating cap. Adjust the nut on the eyebolt the eyebolt seats securely in the locator. The nut acts as a stop to prevent the eyebolt from applying excessive force on the insulating cap. Once the nut is in final position, it will not need readjustment when removing and replacing the insulated cap.



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