

# Installation Instructions: 600/900 Series Deadbreak Connecting Plug

**CONTENTS:** *Connecting Plug, Lubricant (DO NOT SUBSTITUTE), Installation Instructions.*

The connecting plug is a power distribution product accessory designed for use on 600/900 series systems. The Connecting Plug can be mated with an elbow, bushing extender, vault stretcher or elbow end module.

## **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<sup>®</sup> 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<sup>®</sup> products and Elastimold<sup>®</sup> Reclosers are warranted for three years; and Joslyn<sup>®</sup> 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.

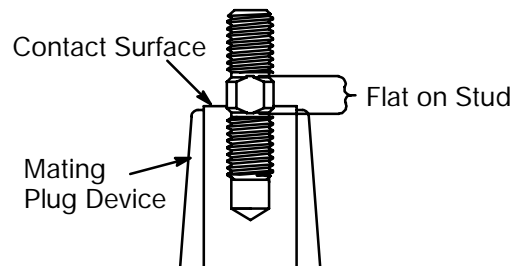
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## **IMPORTANT**

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**

The elbow, bushing extender, vault stretcher and elbow end module come packaged with an uninstalled stud. If the mating plug device is not equipped with a stud, hand tighten the stud into the mating plug device. The stud must be threaded in until the start of the flats are below the contact surface.

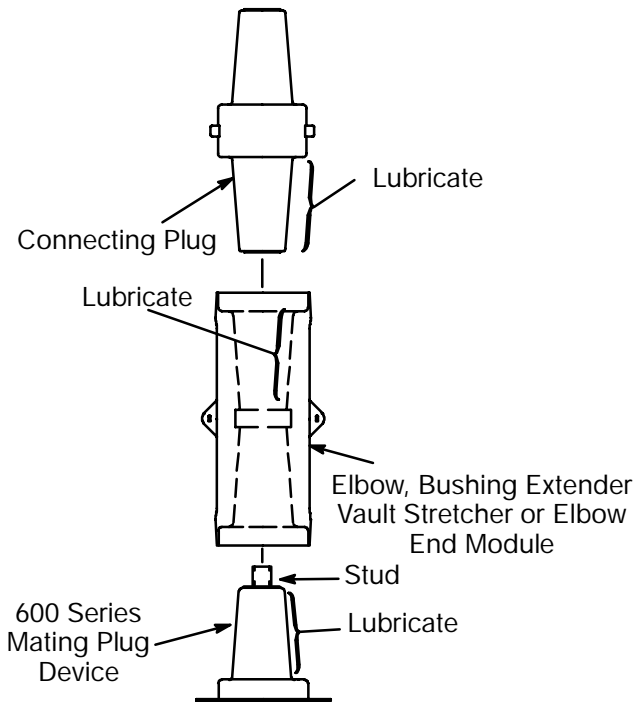


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## STEP 2

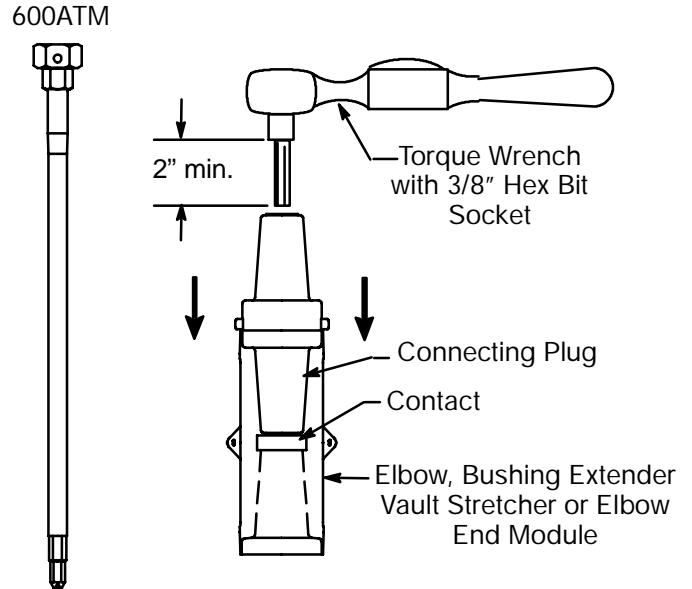
Clean both the connecting plug and its mating part as indicated and lubricate with the lubricant supplied. **DO NOT SUBSTITUTE.** Other lubricants may be harmful to the products. Be sure to keep surfaces of elbow and mating parts clean.



## STEP 3

Push the connecting plug into the elbow, bushing extender, vault stretcher or elbow end module and engage the threads. The contact of the part should be held against the contact surface of the mating part.

Use a 600ATM or a 3/8" hex bit socket and torque wrench and tighten exerting 50 to 60 foot-pounds (68 to 81 newton-meters) of torque.

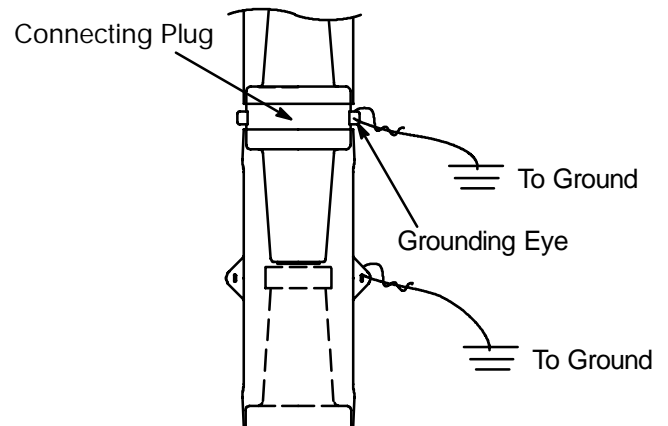


## STEP 4

Continue by installing additional elbow, bushing extender, or vault stretcher, see instructions packaged with those products.

## STEP 5 (If Applicable)

Insert one end of a No. 14 AWG (2.5mm) copper wire or equivalent thru the grounding eye on the connecting plug. Twist tightly taking care not to damage eye. Connect other end to ground.



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