

Installation/Operating Instructions – 1601DLA & 2701DLA DEADBREAK TO LOADBREAK ADAPTER

CONTENTS: DLA Adapter, Bail Prepack which includes (4) Hook Bolts, (4) Wing Nuts, (1) Bail Plate, (1) Silicone Lubricant, (1) Nylon Rod and Instruction Sheet

The deadbreak to loadbreak adapter is designed to convert 180 series deadbreak epoxy bushings to a loadbreak bushing. The red interface sleeve on the 1601DLA provides indication of elbow seating. The blue interface sleeve on the 2701DLA provides indication of elbow seating and also provides vents for improved switching performance.

DANGER

All apparatus must be de-energized during installation or removal of part(s) except for test point caps and indicators that can be installed and operated energized.

After installation loadbreak products can be operated energized per operating instructions. All deadbreak connectors must be de-energized before operating.

All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.

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

“Loadbreak connectors must be operated with a full insulated “hotstick” type live–line tool.” Consult the utility’s safe work practices for the required live–line tool length.

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

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

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.

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

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.

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

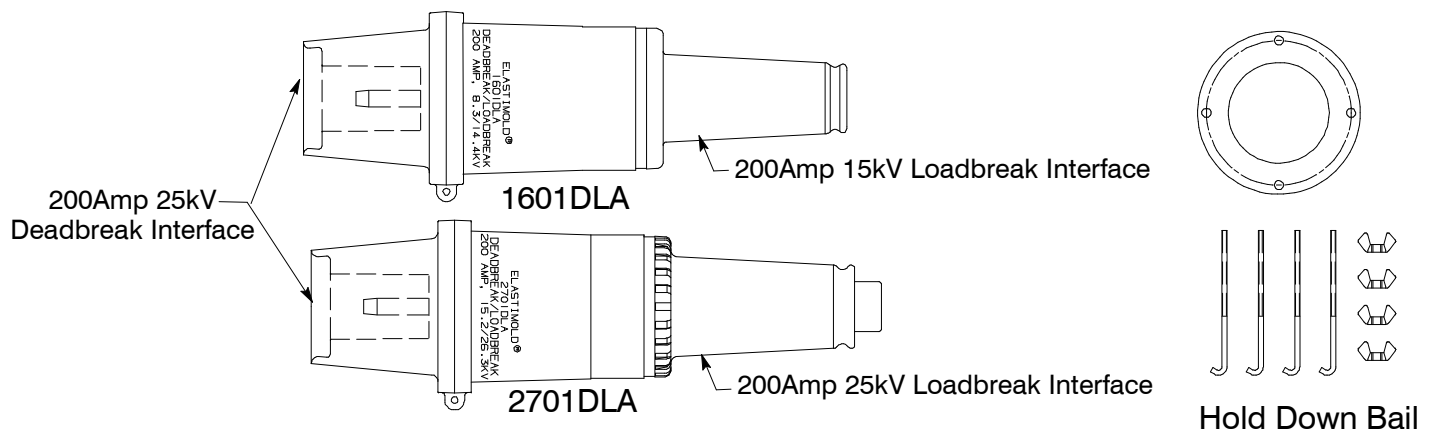
Limited Warranty:

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 for 90 days. 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.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED.

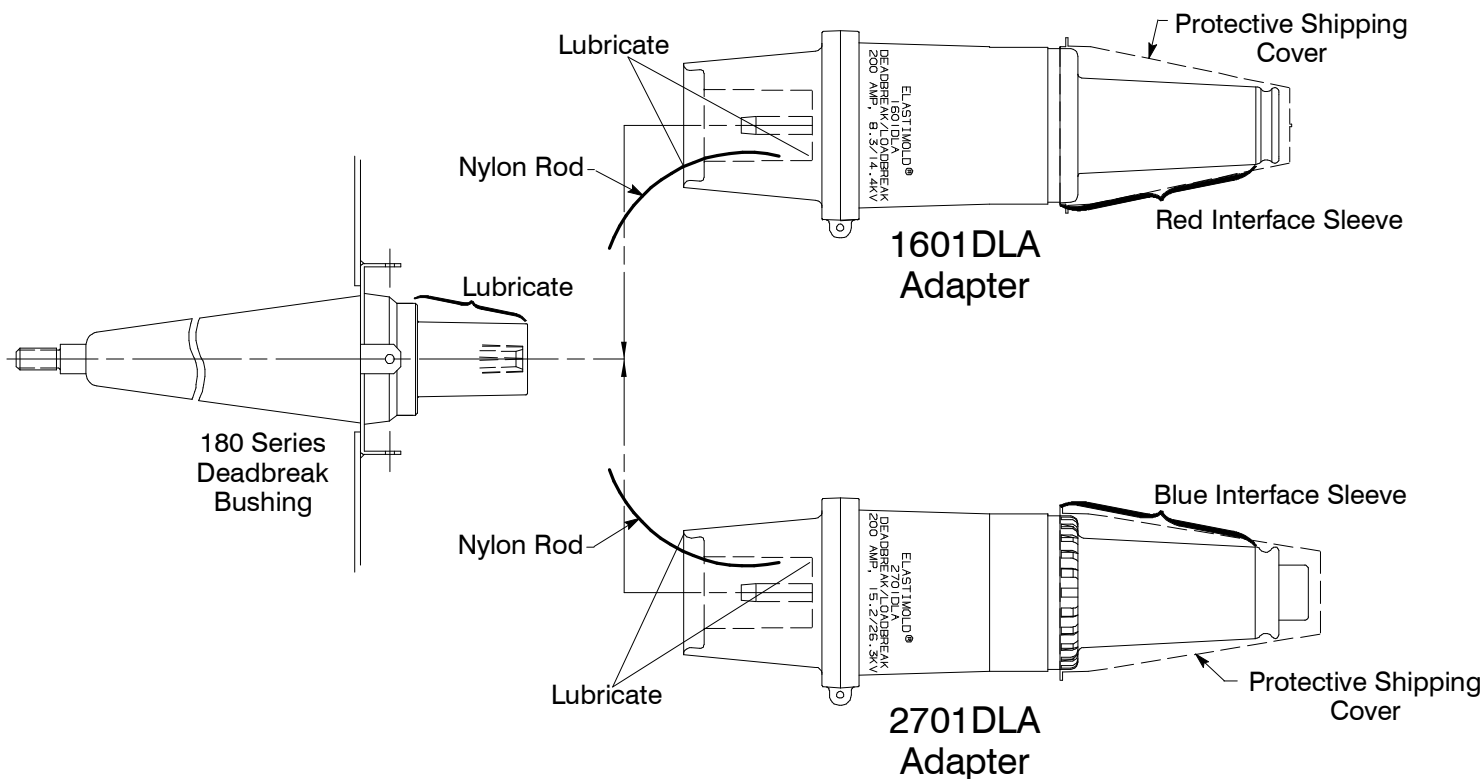
IMPORTANT

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.



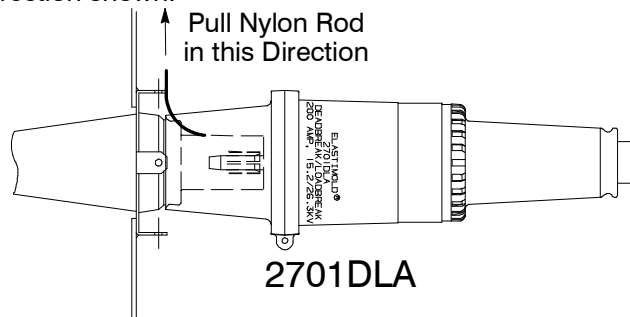
STEP 1

Inspect the apparatus bushing to ensure it is dry and free from all contaminants. Remove the protective shipping cover from the adapter. Lubricate the apparatus bushing and adapter interface with the supplied lubricant or ELASTIMOLD approved lubricants. **DO NOT SUBSTITUTE.** Other lubrications may be harmful to this product and its mating parts. Insert the nylon rod into the adapter interface to exhaust the trapped air during assembly. Push the adapter onto the apparatus bushing.



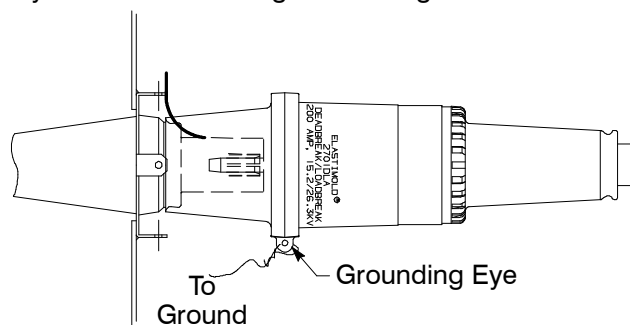
STEP 2

Remove the nylon rod by pulling in the direction shown.



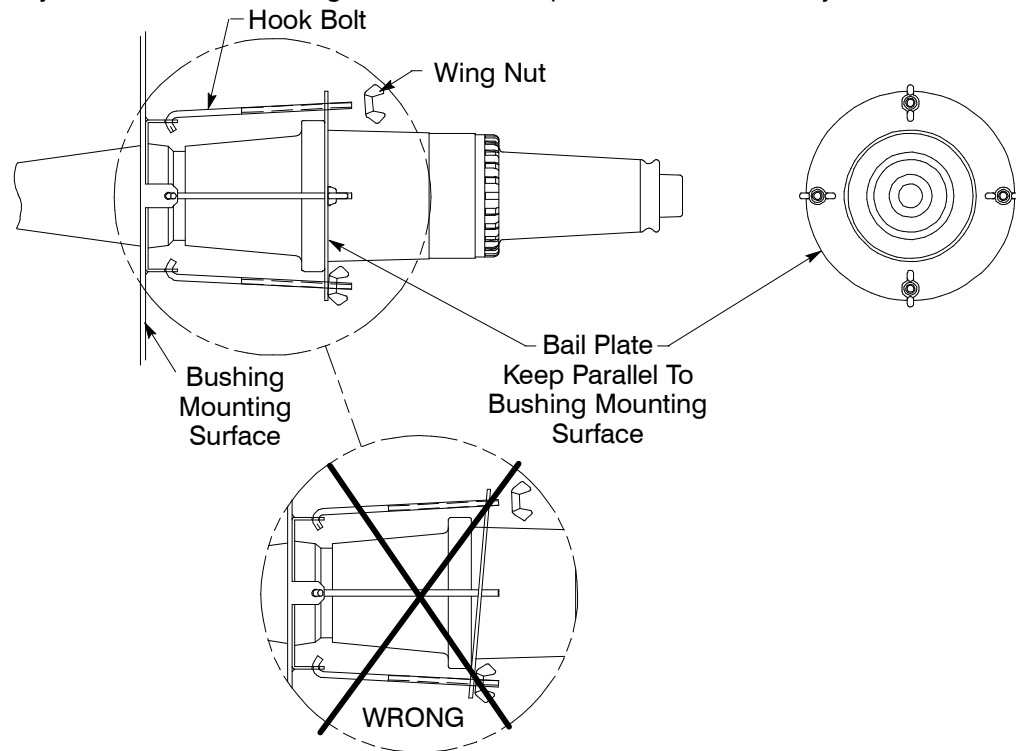
STEP 3

Insert one end of a piece of wire with ampacity at least equivalent to No. 14 AWG Copper through the grounding eye and twist to make a small loop. Do not damage the eye. Connect wire to ground using a suitable connector.



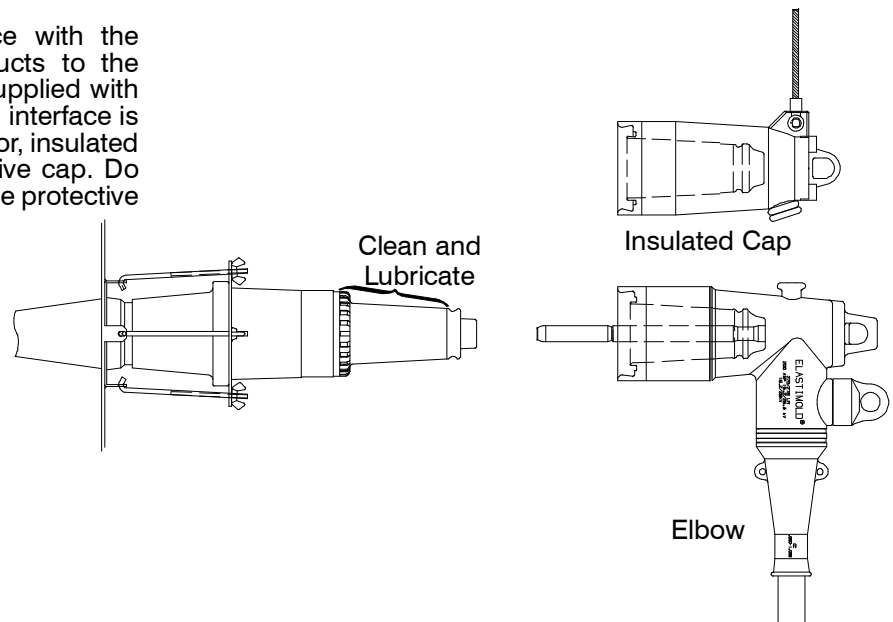
STEP 4

Assemble the bail plate, (4) hook bolts and (4) wing nuts to hold the adapter in place. Hand tighten the wing nuts keeping the bail plate parallel to the bushing mounting surface. The bail plate and hook bolts are used to hold the adapter during assembly and disassembly of the elbow and as a ground for the adapter semi-conductive jacket.



STEP 5

Clean and lubricate the loadbreak interface with the lubricant supplied. Install the mating products to the bushing interface following the instructions supplied with the mating products. If the adapter loadbreak interface is not immediately mated with an elbow connector, insulated cap or grounding elbow, replace the protective cap. Do NOT energize or submerge the adapter with the protective cap on.



STEP 6

Complete assembly of an insulated cap or elbow is indicated by no portion of the red or blue interface sleeve being visible when viewed from the side.

