elastimold®

Operating Instructions
272SOPA / 272SOPWB / 372SOP / 372SOP-CS1061 Stand−Off Plug

Contents: *Stand Off Plug complete with Mounting Hardware, Operating Instructions.*

The 272SOP is designed to isolate and "dead−end" Elastimold 25kV class loadbreak elbow connectors. The 372SOP is designed to isolate and "dead−end" Elastimold 35kV class loadbreak elbow connectors. These products incorporate vents for improved switching performance. The product is identified by a white band or colored ID washer (Blue washer for 25kV or white washer for 35kV).

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.

"Loadbreak connectors must be operated with a full insulated "hotstick" type live−line tool." Consult the company'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.
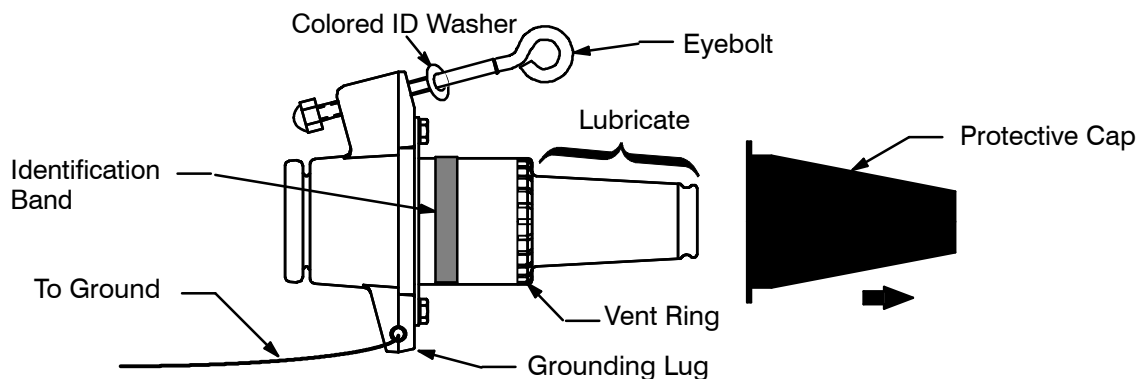
FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

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.
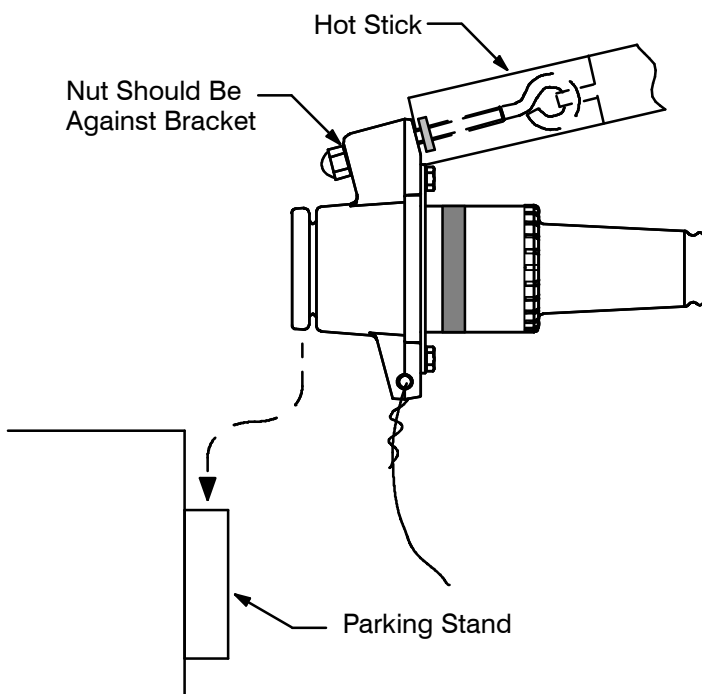4. Have all required tools at hand and maintain cleanliness throughout the procedure.

STEP 1

Grounding- Connect electrostatic grounding lead to the grounding lug. Connect the opposite end to ground, leaving enough slack to operate with a hotstick. Remove protective cap, clean and lubricate stand−off plug interface with an Elastimold approved lubricant. DO NOT SUBSTITUTE. Other lubricants may be harmful to this product and its mating product(s). Always replace protective cap when stand−off plug is not in use.

Thomas&Betts

8155 T&B Boulevard, Memphis, Tennessee 38125
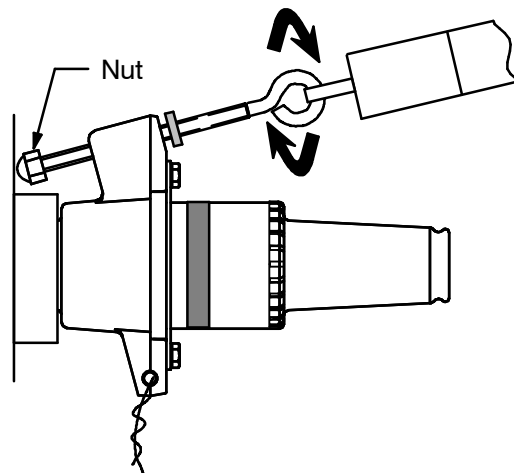(800) 888−0211 Fax: (800) 888−0690

STEP 2

Rotate the eyebolt counterclockwise until the nut is in contact with the bracket. Attach the hot stick firmly to the eyebolt. Slide the Stand-off Plug into the parking stand.

Hot Stick

Nut Should Be Against Bracket

Parking Stand

STEP 3

Back off the hotstick. Rotate the eyebolt clockwise until the nut on the opposite end snugly wedges the stand-off plug to the underside of the parking stand.
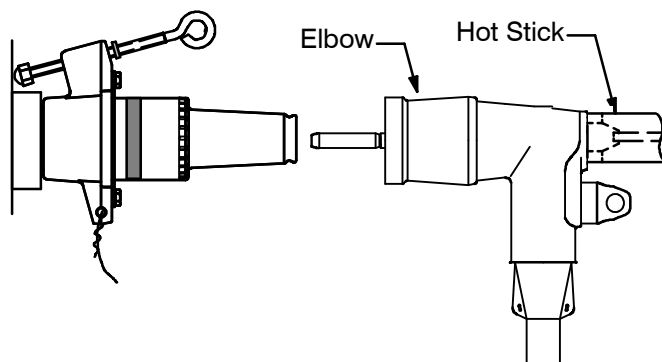
DO NOT OVER TIGHTEN BOLT.

Nut

STEP 4

CAUTION: Check that ground lead is connected between stand-off plug lug and ground before assembling elbow. Do not attempt to attach ground lead after elbow is assembled.

A. Remove ELASTIMOLD loadbreak elbow connector from loadbreak bushing following applicable LOADBREAK operating instructions included with the elbow. Insert the male contact of the loadbreak elbow into the stand-off plug and push it home with a fast, firm, straight motion. Make sure it is firmly in place and locking ring is seated.

B. To return loadbreak elbow to the bushing, reverse the operational sequence following applicable LOADMAKE operating instructions included with the elbow.

Elbow   Hot Stick

STEP 5

Complete assembly of an elbow is indicated by no portion of the yellow band being visible when viewed from the side.