

Operating Instructions 151SOP/K151SOP Deadbreak Insulated Parking Bushing

CONTENTS: *Stand Off Plug (complete with mounting hardware), Hold-down Bail Assembly, Lubricant, Operating Instructions*

The 151SOP is designed to terminate the female deadbreak connector interface of the 154LR or the 156LR Elbows (other products should not be used since the 151SOP bail is designed to secure elbows only) rated for 15kV class (8.3kV phase-to-ground and 14.4kV phase-to-phase) 200 ampere. The K151SOP provides the same function for the 25kV class (15.2kV phase-to-ground and 26.3kV phase-to-phase) 200 ampere rating.

DANGER

All apparatus must be de-energized during installation or removal of part(s). For loadbreak products follow 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 by hand.

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

Contact with solvents, transformer oil, motor oil and similar substances will degrade jacket conductivity and insulation level if not immediately wiped off.

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.

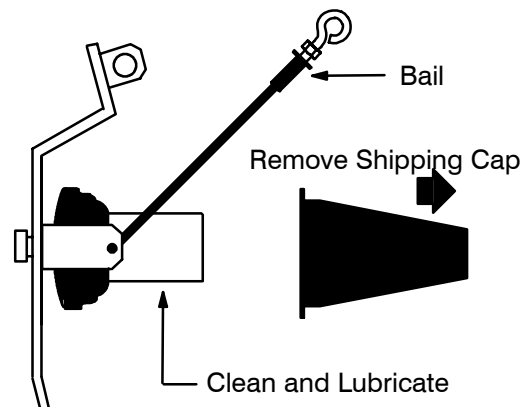
FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

IMPORTANT

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

STEP 1

Remove protective shipping cap and clean the mating interface of the insulated parking bushing. Lubricate this surface. Use only the supplied lubricant or ELASTIMOLD approved lubricants. **DO NOT SUBSTITUTE.** Other lubricants may be harmful to this product and its mating products. Always replace the protective cap when the insulated parking bushing is not in use.



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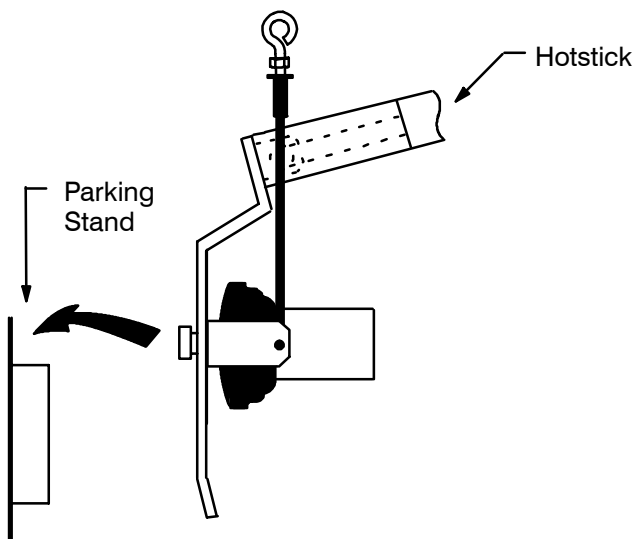
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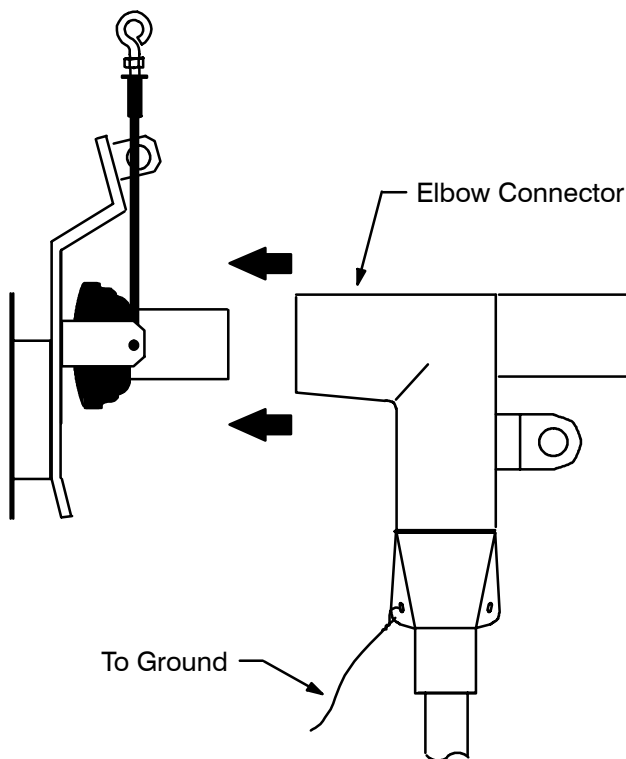
STEP 2

Attach hotstick to eye of insulated parking bushing carriage assembly. Slide carriage assembly into parking stand. Push bail out of way so it will not interfere with placement of elbow connector.



STEP 3

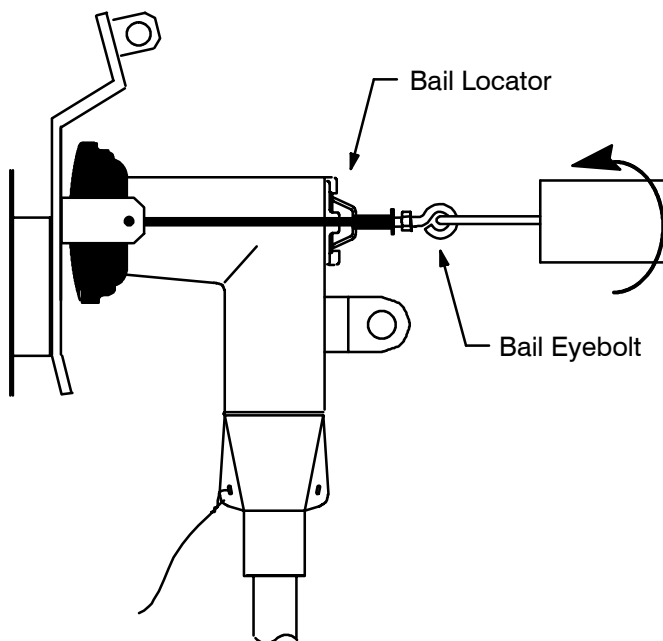
Follow the applicable instructions to make a voltage test before removing the elbow connector from the apparatus bushing. Remove elbow connector from apparatus bushing and place on insulated parking bushing. **DO NOT REMOVE IF VOLTAGE TEST INDICATES CONNECTOR IS ENERGIZED.**



STEP 4

BAIL MUST BE USED TO SECURE ELBOW.

Position the bail eyebolt directly over the bail locator on the elbow. Tighten down on bail locator by turning eyebolt with the hotstick in a clockwise direction. If entire assembly (insulated parking bushing and elbow) is to be removed from parking stand, attach hotstick to eye of carriage assembly, remove from parking stand and place where desired. To return elbow connector to apparatus bushing, simply reverse the operational sequence.



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