

Installation Instructions

151GP

Deadbreak Grounding Plug

CONTENTS: *Grounding Plug (complete with stainless steel mounting hardware), Hold-down Bail Assembly, Lubricant, Installation Instructions*

The 151GP is designed to ground a cable terminated with a (K)154LR or 156LR deadbreak elbow.

CAUTION: Deadbreak: All associated apparatus must be de-energized during installation and operation of this assembly.

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 200A deadbreak connectors must be mechanically secured with bails when connected.

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.

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.

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.

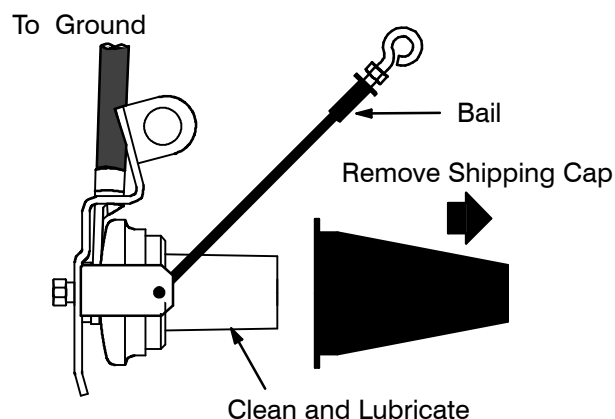
IMPORTANT

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

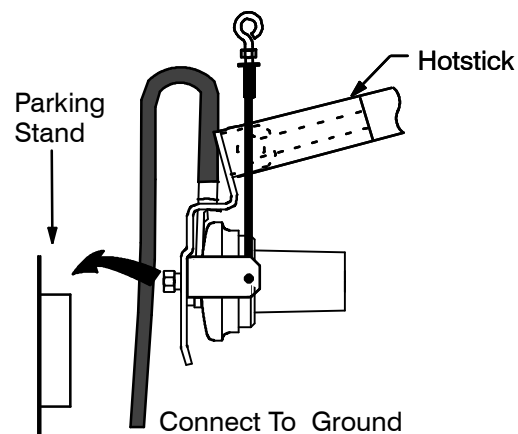
Connect the flexible lead of the grounding plug to system ground leaving enough slack to operate with a hotstick.

Remove protective shipping cap and clean the mating interface of the grounding plug. 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 grounding plug is not in use.



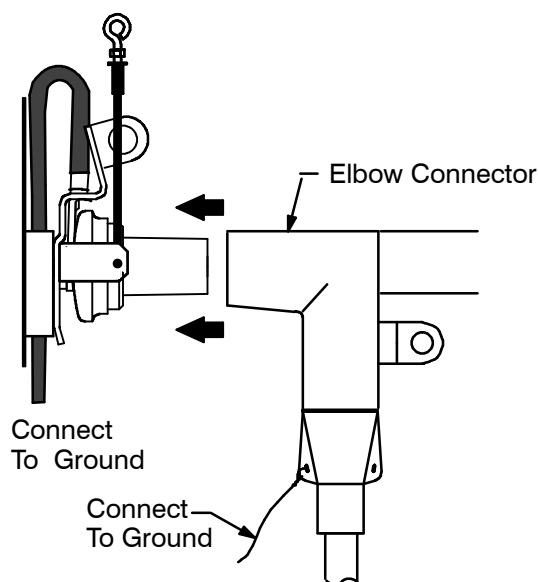
STEP 2

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



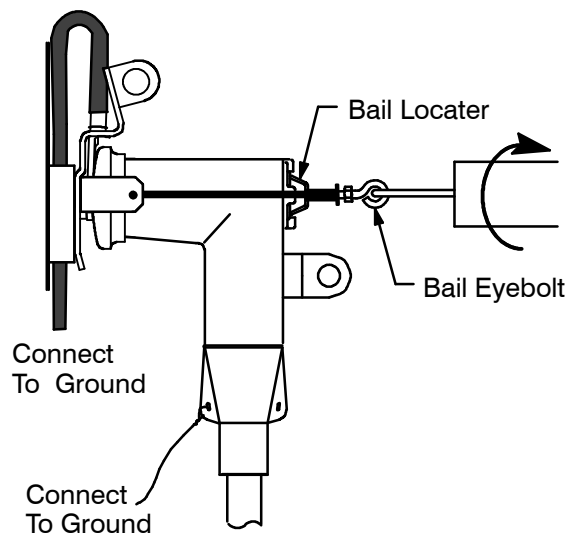
STEP 3

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



STEP 4

BAIL MUST BE USED TO SECURE DEADBREAK 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 (grounding plug 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.



VOLTAGE TEST

The ELASTIMOLD deadbreak elbow connector is equipped with an integral capacitance test point that can be used to establish whether or not the circuit is energized. When using the test point, complete the following steps:

1. Remove test point cap with a hotstick. When removing cap, **PEEL OFF AT AN ANGLE** rather than pulling directly in line with the test point assembly.
2. **WARNING:** THE VOLTAGE TEST POINT IS A CAPACITANCE DEVICE, IT IS NOT DIRECTLY CONNECTED TO THE CONDUCTOR. Do not use conventional voltage measuring equipment. Follow the manufacturer's directions for the meter that is used. Test with a suitable sensing device, made for use with separable connectors manufactured with capacitive test points, to determine if cable is energized. Contamination, moisture, dirt, etc. around the test point or use of the wrong measuring equipment can provide a false "no voltage" indication on an energized elbow. To prevent serious or fatal injury treat the elbow as energized until the "no voltage" test point indication is confirmed by other means.
3. After voltage detection has been made, clean and lubricate the inside surface of the cap with silicone grease and replace it on the test point.