



Installation & Operating Instructions

15kV & 25/28 kV 200A Grounding Bushing

DESCRIPTION

Hubbell Grounding Bushings are used to provide a means to ground a de-energized elbow connector. They meet requirements of IEEE Std. 386 - latest revision.

- 15kV Class: 200A 8.3kV
- 25/28kV Class: 200A 15.2kV

CONTENTS OF PACKAGE

- (1) Grounding Bushing
- (1) Shipping Cap
- (1) Lubricant (DO NOT SUBSTITUTE)
- (1) Instruction Sheet

NOTES

- Check contents of box to ensure that it is complete and components are NOT damaged.
- 25kV Grounding Bushing (225GB) used as model for instruction sheet figures.

Important: Read these instructions thoroughly before operating the system. Be sure that the connectors are rated for the intended energized use. (See Hubbell catalogs (C1) & (C2) for selecting the correct mating product.) Visually inspect parts for damage before using.

INSTALLATION TOOLS

- Insulating Hotstick
- Hand Tools



INSTALLATION

Step 1 - Ground

Attach the flexible lead of the grounding bushing to system ground leaving enough slack for hotstick operation.

Step 2 - Clean and Lubricate

Remove the protective cap from the Grounding Bushing. Clean and inspect the operating interface to ensure it is free of contaminants. Apply thin, uniform film over the entire operating interface with the supplied silicone lubricant packet or Hubbell SL 150 silicone tube. DO NOT SUBSTITUTE as other lubricants may be harmful.

Step 3 - Install

CAUTION: DO NOT INSTALL BY HAND

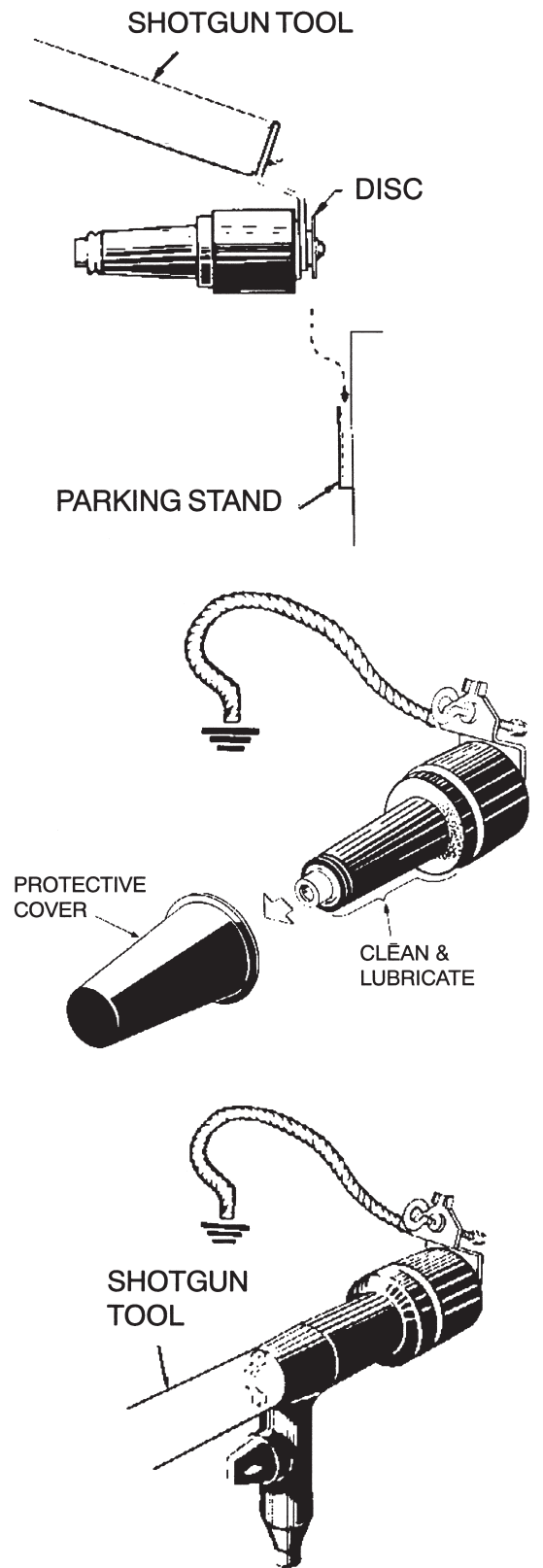
Attach an 8' hotstick tool firmly to the operating eye. Slide the disc on the back of the Grounding Bushing into the parking stand on the equipment. Back off the hotstick. Rotate the eyebolt clockwise until the acorn nut firmly wedges the Grounding Bushing into the parking stand. Do not over-tighten.

Step 4 - Operate

Follow the operating instructions supplied with the mating elbow. DO NOT INTENTIONALLY CLOSE AN ENERGIZED ELBOW ONTO THE GROUNDING BUSHING.

Should a fault close occur, discard the grounding bushing.

NOTE 1: When not in use, replace the shipping cap or mate with an insulating cap to keep the interface free of contamination.



CAUTION
The equipment covered by these instructions should be installed, operated and serviced only by competent personnel familiar with safety practices. This instruction is written for such personnel and is not intended as a substitute for adequate training and experience in safe procedures for this type of equipment.

DANGER
All apparatus must be de-energized during installation or removal of parts. Do not touch or move energized product by hand. Failure to follow this instruction may result in serious or fatal injury, as well as damage to the product.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to Hubbell Power Systems, Inc.

