

## Installation & Operating Instructions

### Hubbell Deadbreak Connector 25/28kV 600 Amp Standoff Bushing

#### DESCRIPTION

The Hubbell Standoff Bushing is used to insulate, shield, and weather-seal the deadbreak interface of Hubbell 600A deadbreak T-bodies or Bushing Extenders. When properly mated with components conforming to IEEE Std. 386, Figure 11, the 625SB provides a fully shielded, fully submersible unit.

25/28kV Class:  
600 A, 16.2kV

#### INSTALLATION TOOLS

- Hand Tools

#### CONTENTS

- (1) Standoff Bushing
- (1) Lubricant  
(DO NOT SUBSTITUTE)
- (1) Instruction Sheet

#### NOTES

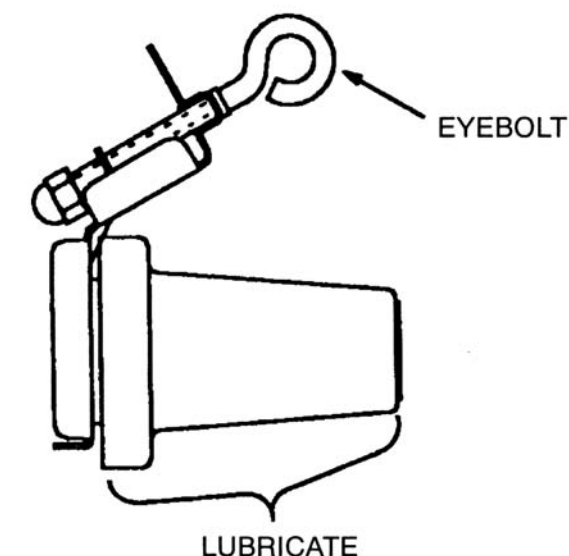
Check contents to ensure that it is complete and components are NOT damaged.



## INSTALLATION

### Step 1 - Ground

Attach a length of #14 AWG copper wire (or equivalent) to the ground lug on the standoff bushing. Connect the free end of wire to system ground, making sure the connection is tight and secure. Allow sufficient slack to permit the standoff bushing to be installed into the parking stand.

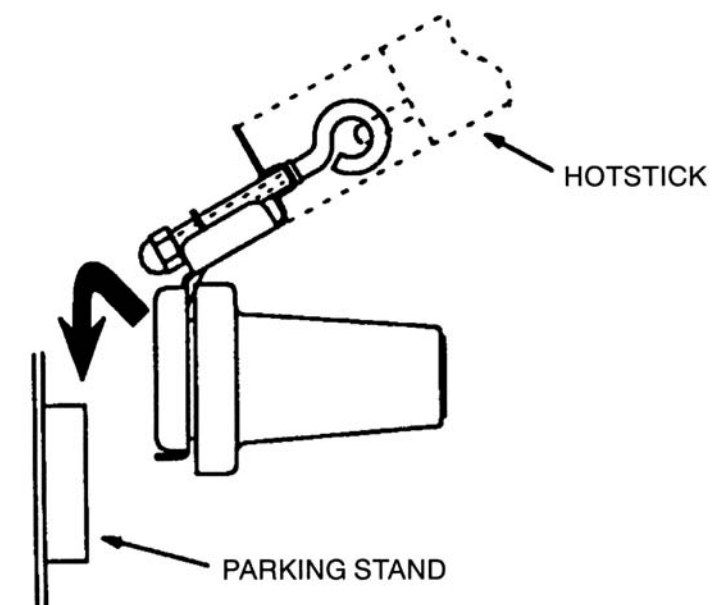


### Step 2 - Clean & Lubricate

Remove the shipping cap. Clean and inspect the interface. Uniformly lubricate the operating interface with lubricant provided. DO NOT SUBSTITUTE. Other lubricants may be harmful. Keep interface clean.

### Step 3 - Install

If supplied, hand-tighten the loose stud into the standoff bushing. Attach an 8' insulated hotstick to the eyelet and tighten. Slide the assembly into the parking stand. Back off the hotstick and rotate the eyelet clockwise, until the assembly is snug against the apparatus surface. Do not over-tighten. Remove hotstick.



### Step 4 - Assemble - Circuit must be de-energized

Follow operating instructions furnished with the mating products for proper installation.

### Step 5 - Removal

After the mating product has been removed, use a hotstick to unscrew the eyelet and lift the standoff bushing from the parking stand. Detach the ground lead and replace the shipping cap before storage. If the standoff bushing is to be left in the parking stand, its operating interface must be protected from contamination with an appropriate insulating cap.

**Important:** Read these instructions thoroughly before operating the system. Be sure that the connectors are rated for the intended energized use. Visually inspect parts for damage before using.

### 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.