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# Installation Instructions

## Bushing Extender

### Applicable Current Ratings

600A (Aluminum)	900A (Copper)
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### Applicable Catalog Prefix

15/25/28kV Class	35kV Class
P625BE P925BE	P635BE P935BE



### WARNING

- System must be de-energized during installation or future operation of this product or its components.
- Do not touch or move energized connectors or components by hand.
- Excess distortion of the assembled connector may result in its failure.
- Failure to follow these instructions will result in damage to the connector and serious or fatal injury.
- This product should only be installed and/or operated by trained personnel in accordance with normal and safe work procedures.
- Variations in equipment or configuration or work procedures may not be covered in these instructions.
- Please contact Richards Manufacturing for any additional questions.

## KIT CONTENTS

Standard kits may include the following. Custom kits may vary.  
 Check package contents to be sure they are complete, undamaged, and properly sized for the application.



**Bushing Extender**



**Stud**

### 15/25/28kV

P625HIP-STUD  
P925HIP-STUD

### 35kV

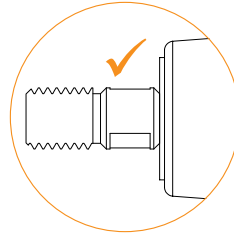
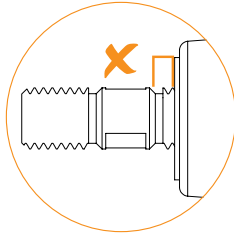
P635HIP-STUD  
P935HIP-STUD

**1****Mounting Bushing Extender**

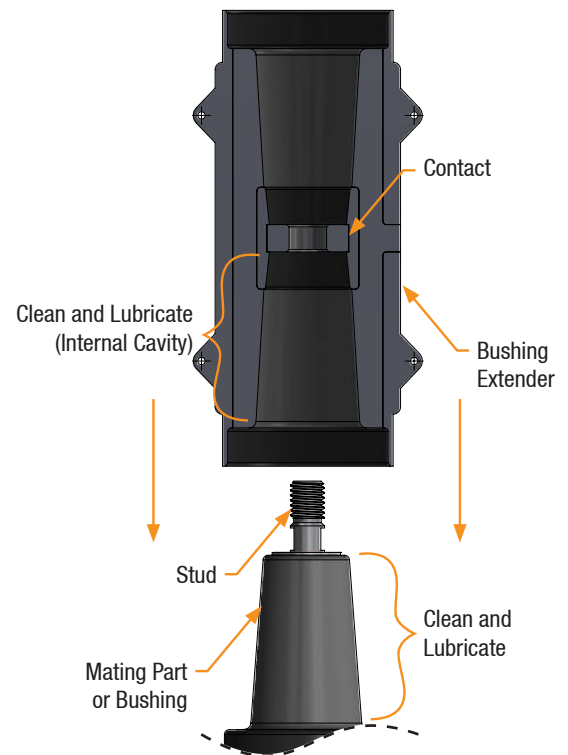
- A. Hand-tighten stud into the appropriate mating part or bushing.



**WARNING:** The stud **MUST** fully thread on. No threads should be visible on the bushing (male) interface. If any threads are visible, confirm correct stud is being used and check for cross-threading/thread damage.

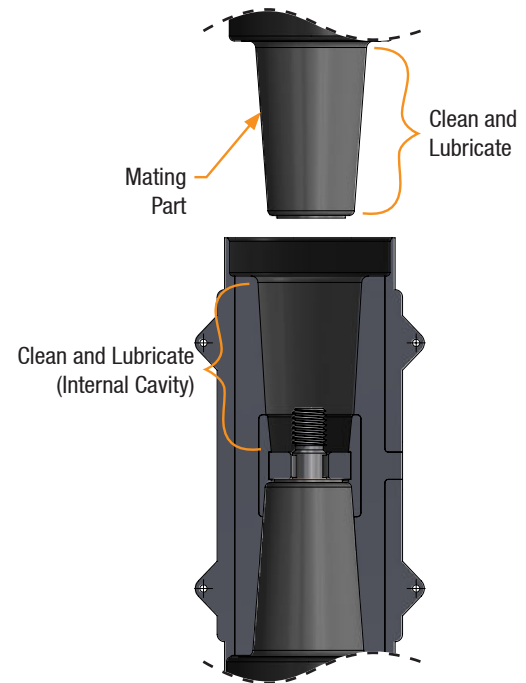


- B. Clean and lubricate (using supplied or approved silicone grease) bushing extender interface and mating part interface as shown.
- C. Push the bushing extender onto the mating part so the stud extends through the hole in the contact

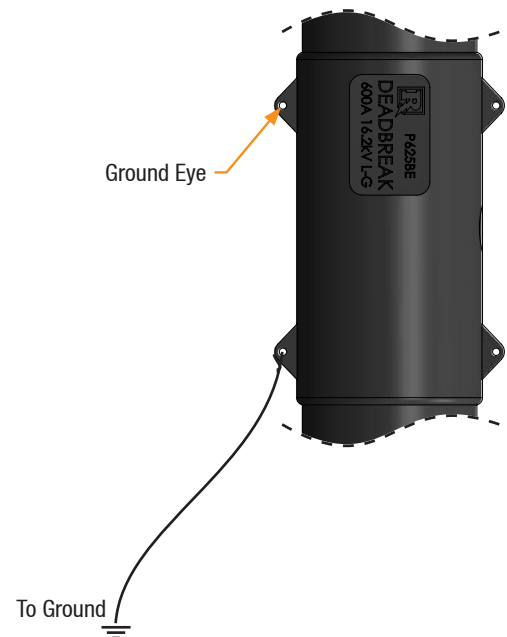


**2****Installing Mating Component**

- A. Clean and lubricate (using supplied or approved silicone grease) the remaining bushing extender interface and mating part interface as shown.
- B. Insert mating part, engage threads, and hand-tighten.
- C. Install mating part per manufacturer instructions.

**3****Installing Drain Wire**

- A. Insert one end of a piece of wire (#14 AWG copper or larger) through one of the available ground eyes and twist to make a small loop. Be sure not to damage hole.

**Installation Complete**

