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# Installation Instructions

## Joint Insulating Cap

### Applicable Current Ratings

600/900A

### Applicable Catalog Prefix

15/25/28kV Class

P625JIC



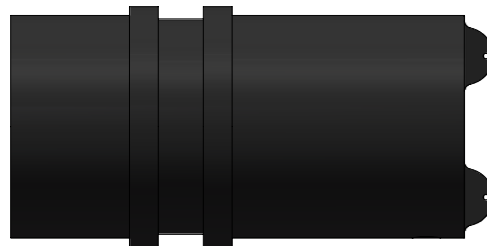
### WARNING

- 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.

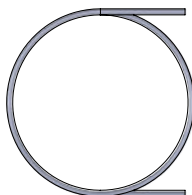
## KIT CONTENTS

Standard kits may include the following. Custom kits may vary.

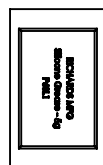
Check package contents to be sure they are complete, undamaged, and properly sized for the application.



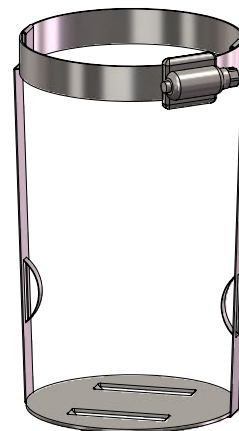
Joint Insulating Cap



Vent Rod

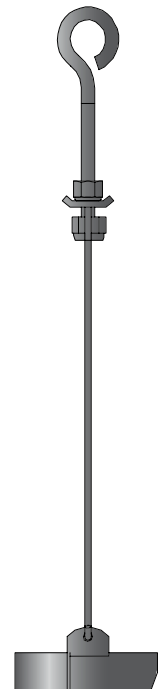


Silicone Lubricant



Sleeve Restraint

OR

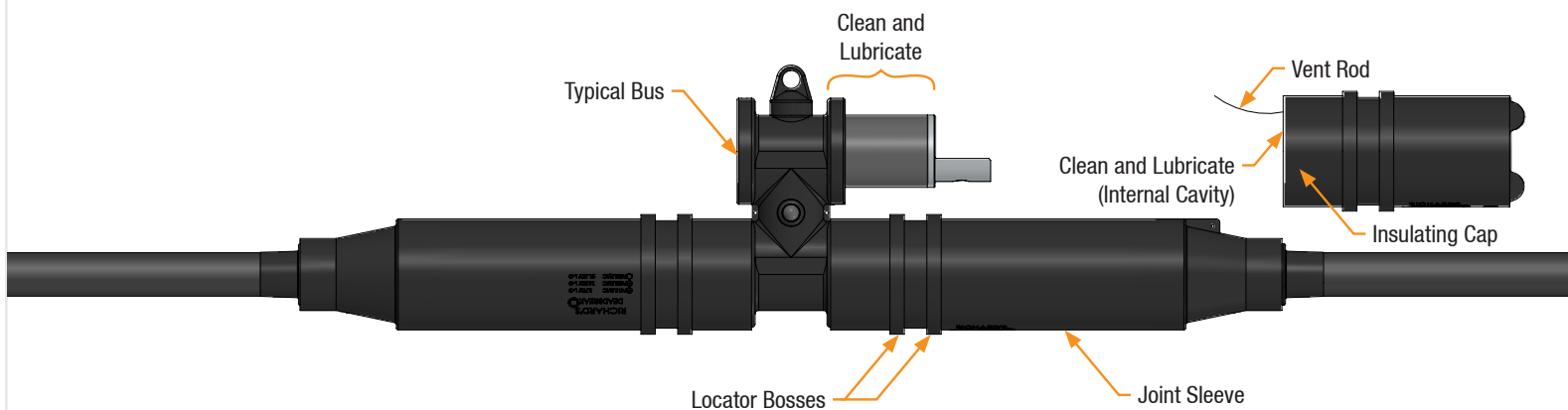


Bail Bracket  
Assembly

1

Installing Cap

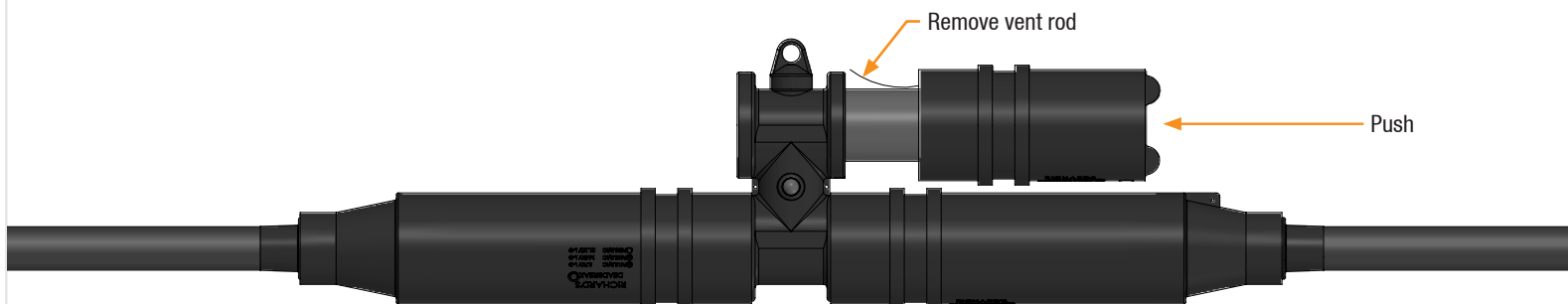
- A. Lubricate Joint interface and Insulating Cap (internal cavity).
- B. Insert vent rod into insulating cap housing.



- C. Push the insulating cap onto joint until it is fully seated.
- D. Remove nylon vent rod.



**WARNING: Vent rod MUST be removed or failure can occur.**



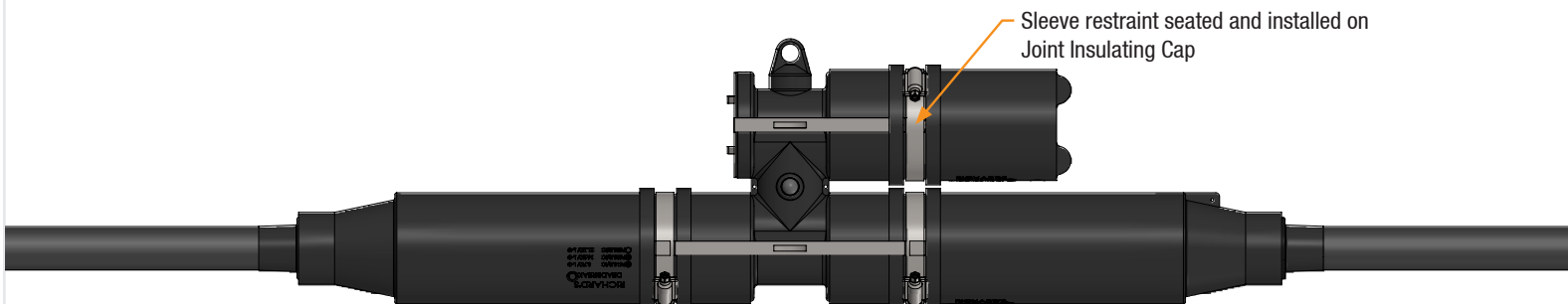
## 2

## Installing Sleeve Restraints

**NOTE:** This step applies for installations using sleeve restraints only. If your kit includes a bail proceed to next step.

- Seat appropriate sleeve restraint in sleeve housing channels of Joint Insulating Cap. Sleeve restraint style may vary.
- Tighten sleeve restraint with a  $\frac{5}{16}$ " hex or a flat head screwdriver. Fully tighten until the screw "clicks". Sleeve restraint is designed to click when fully installed and will not over-tighten.

**NOTE:** If Joint Insulating Cap is not fully seated onto joint, sleeve restraints cannot be installed.

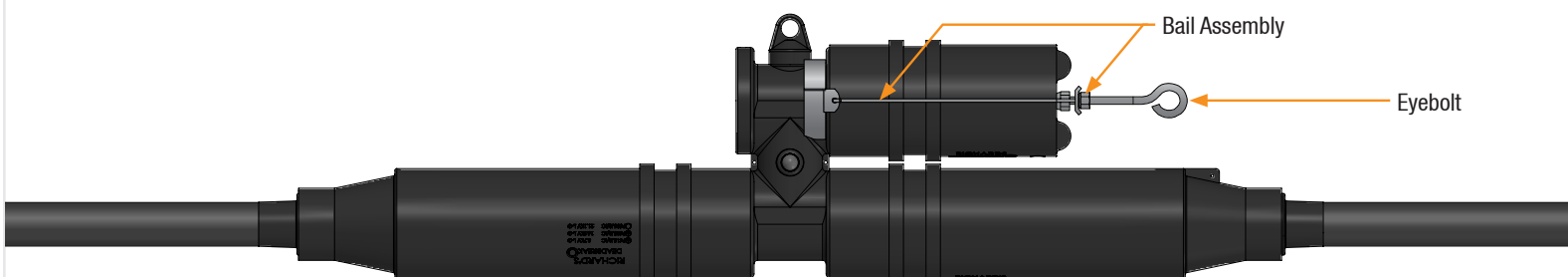


## 3

## Installing Bail

**NOTE:** This step applies for installations using bails only. If you previously installed sleeve restraints proceed to next step.

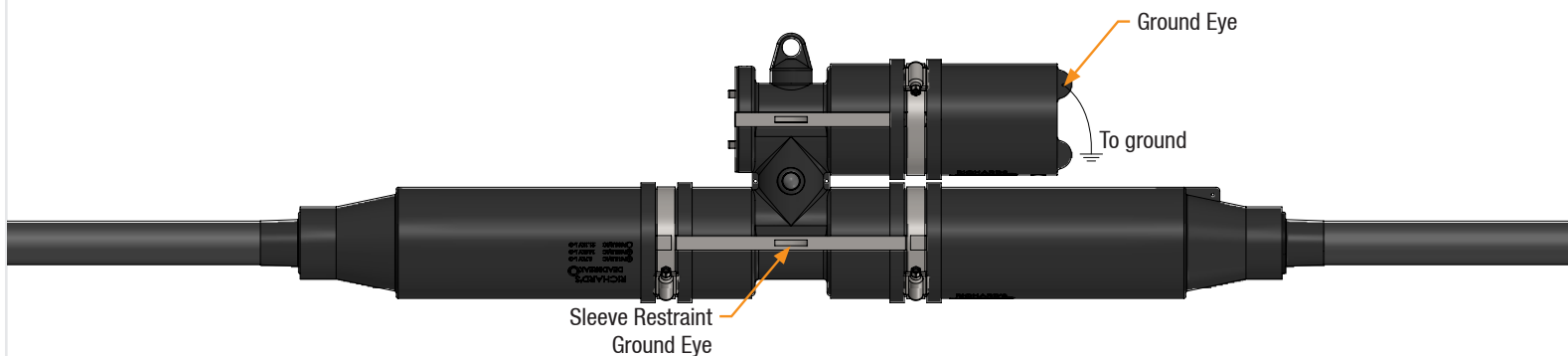
- Install bail as shown.
- Tighten eyebolt sufficiently to prevent cap from backing off. Be sure to avoid applying excessive force on the Joint Insulating Cap.



**4****Connecting Joint to Ground**

**NOTE:** Sleeve restrains shown as reference only. This step applies to both sleeve restraint and bail installations.

- A. Connect a copper drain wire (#14 AWG or larger) through an available ground eye in the Joint Insulating Cap (or through the Sleeve Restraint ground eye, if equipped). Connect drain wire to ground according to appropriate/approved practice.

**Installation Complete**