

## 15/25/35 kV 200A JUNCTION INSTALLATION & OPERATING INSTRUCTIONS

### DESCRIPTION:

The Chardon 15/25/35 kV 200A insulated standoff bushing meets the full requirements of IEEE Std 386™ standard– Separable Insulated Connector Systems and provides a single loadbreak interface made of high quality peroxide-cured EPDM rubber. It is used to isolate and sectionalize energized cable in pad-mounted cabinets, underground vaults, and other apparatus. Temporary or permanent parking of energized loadbreak elbow connectors that conform to IEEE Std 386™ standard is simplified with use of the insulated standoff bushing. The loadbreak interface of the insulated standoff bushing meets the requirements for Separable insulated Connectors, ANSI / IEEE St. 386, latest revision as follows:

- Class 15kV 200A (8.3kV and 8.3/14.4kV)
- Class 25kV 200A (15.2kV and 15.2/26.3kV)
- Class 35kV 200A (21.1kV and 21.1/36.6kV)

### KIT CONTENT:

- Insulated Standoff Bushing with Shipping Cap (not insulating)
- Silicone Grease (5g)
- Paper Towel
- Instruction Sheet



### CAUTION:

- The installation of Chardon products must be carried out by qualified technical personnel.
- Contact with energized equipment can cause serious damage and even death.
- Wear appropriate protective equipment.
- Make sure Chardon Accessories are completely dry and in good condition at the time of installation.



### DANGER:

- Do not touch or handle energized products without adequate protective equipment. Errors in the compliance of this instruction can result in damage to the product, serious injuries to people and even death.
- All associated equipment must be de-energized during installation and maintenance.
- The following instructions do not cover details or variables in the change / installation of the product, to prevent contingencies, please contact the team of Chardon technicians if required.

### SAFETY INFORMATION

The instructions in this manual are not intended as a substitute for proper training or adequate experience in the safe operation of the equipment described. Only competent technicians, who are familiar with this equipment should install, operate and service it.

### Warranty

Chardon products are guaranteed for a period of 2 years after their date of purchase, to make this guarantee effective you can come only by presenting a purchase invoice to your authorized Chardon distributor. The warranty will not be valid in the following cases:

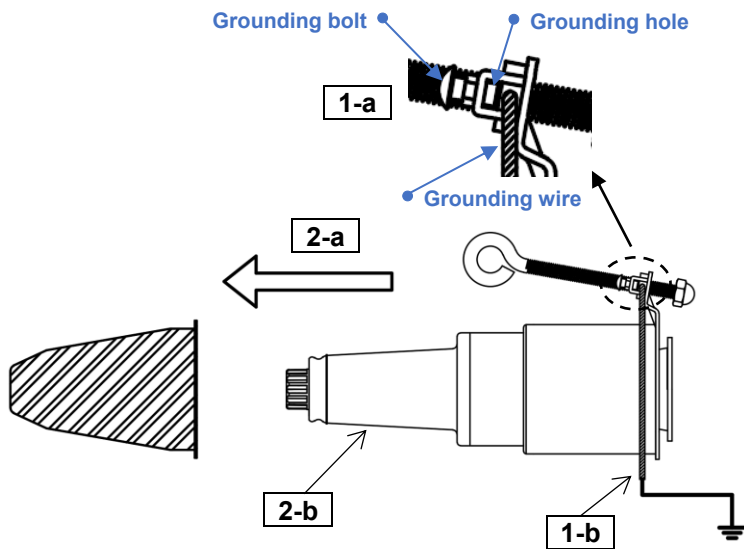
1. When the product has been used under conditions other than normal.
2. When the product has not been operated according to the instructions for use.
3. When the product has been altered or repaired by persons not authorized by Chardon.
4. When using components that are no compatible with Chardon accessories.

Inasmuch as CHARDON GROUP, Inc. has no control over the use which others may put the material, it does not guarantee that the same results as those described herein will be obtained, each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible uses of the materials described herein are not to be construed as constituting a license under any CHARDON GROUP, inc. patent covering such use or as recommendations for use of such materials in the infringement of any patent.

FOR FURTHER INFORMATION WRITE TO

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Chardon Mexico: [chardonmx@chardongroup.com](mailto:chardonmx@chardongroup.com)



### STEP 1:

- Place the grounding wire into the grounding hole and tighten the grounding bolt.
- Connect the other end of the grounding wire to the system ground.

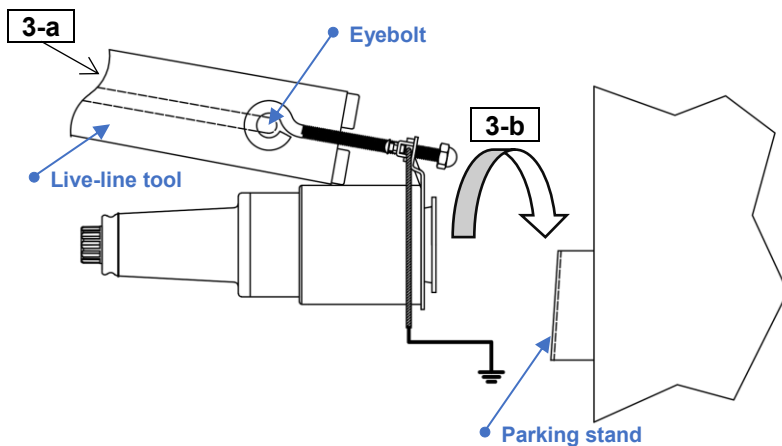
### STEP 2:

- Remove the shipping cap if it is in place and clean the operating interface.
- Uniformly apply one tube of lubricant provided to the bushing operating interface. Use only the lubricant provided.



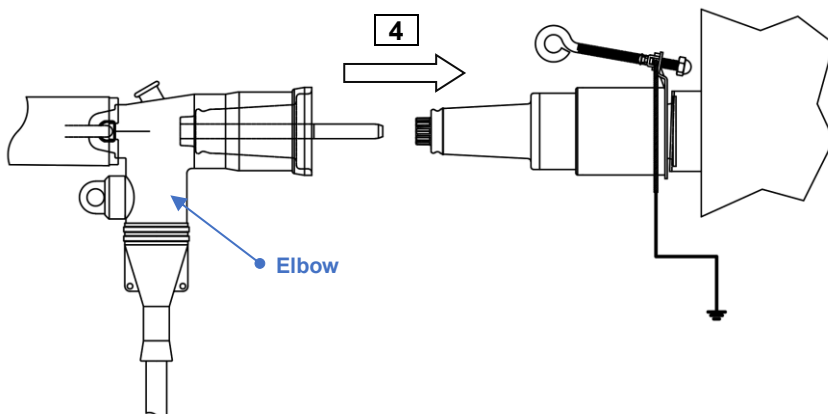
#### NOTE:

Do not substitute other lubricants for those provided.



### STEP 3:

- Attach live-line tool to eyebolt of standoff bushing hardware assembly.
- Slide hardware assembly into parking stand and rotate eyebolt clockwise, until hardware assembly is snug against the apparatus surface.
- Remove live-line tool from eyebolt.



### STEP 4:

Use the live-line tool to put the elbow into the standoff bushing. If the elbow is loose, be sure to remove it and reinstall it.