

# Installation Instructions

## K1601WFTV

### Well Feed-Thru/Grounding Device

**CONTENTS:** Feed-thru body complete with mounting hardware, Lubricant, Operating Instructions.

The K1601WFTV provides universal interconnected bushing wells for Elastimold bushings thru 25kV class (15.2kV phase-to-ground)

#### DANGER

**All apparatus must be de-energized during installation or removal of part(s). For loadbreak products follow operating instructions.**

**All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.**

**Do not touch or move energized products.**

**Excess distortion of the assembled product may result in its failure.**

**Inspect parts for damage, rating and compatibility with mating parts.**

**FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.**

**This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.**

**Failure to follow these instructions will result in damage to the product and serious or fatal injury.**

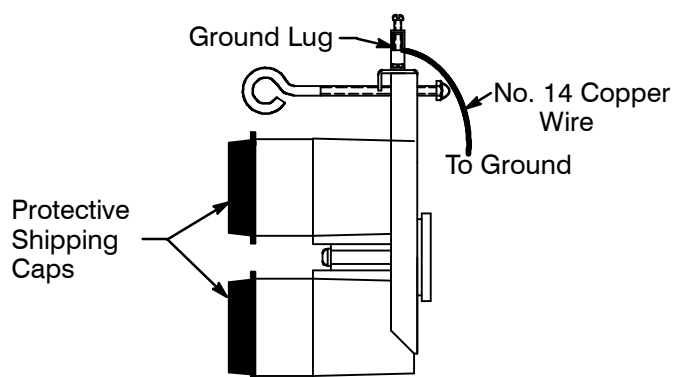
**If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.**

#### IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

#### STEP 1

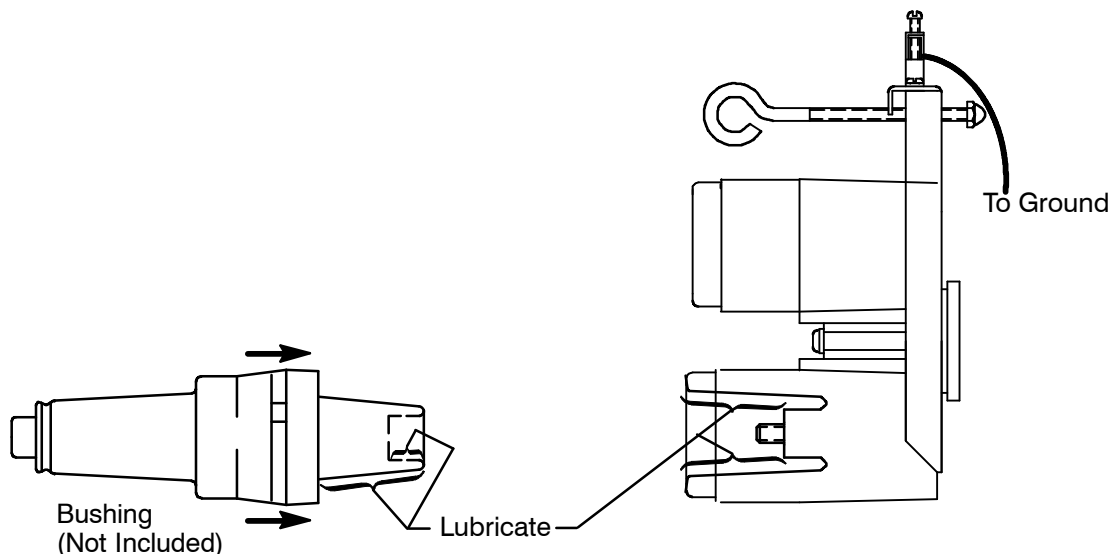
Grounding – Insert ground lead into the grounding lug provided on the mounting hardware and tighten lug. Ground lead should be No. 14 copper wire or equivalent. Connect the opposite end of the lead to ground, leaving enough slack to operate with a hotstick.



## STEP 2

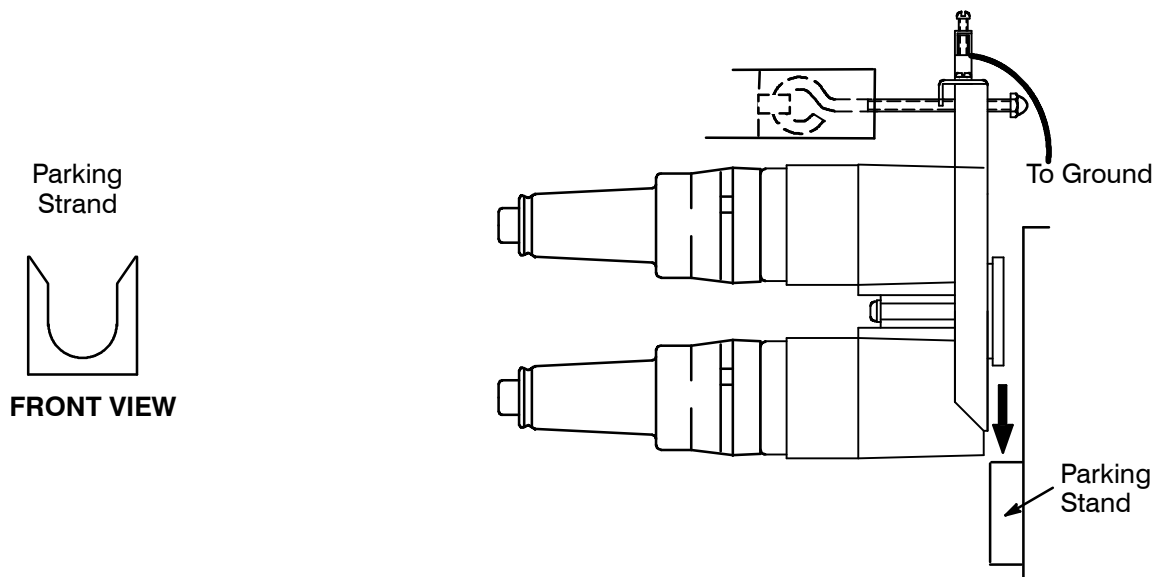
1. Remove the protective shipping caps from the bushings wells.
2. Inspect the bushing wells to ensure it is dry and free from all contaminants. Lubricate the well interface area with the supplied lubricant or ELASTIMOLD approved lubricants. **DO NOT SUBSTITUTE.** Other lubricants may be harmful to this product and its mating products.
3. Install the bushings into the wells following the installation instructions included with the bushing.

**IMPORTANT:** Protective shipping caps must **not** be on the bushing wells of the feed-thru when the feed-thru is being used. When the feed-thru is not in use, the protective caps should be placed on the bushing wells of the feed-thru to protect them from dirt and other contaminants.



## STEP 3

1. Attach feed-thru eye firmly to hotstick.
2. Using a hotstick, slide feed-thru onto parking stand. Unlock hotstick and back off, to allow space for eyebolt to be tightened. Tighten eyebolt by rotating hotstick clockwise until snug. **DO NOT OVERTIGHTEN.** Release hotstick.



## OPERATING INSTRUCTIONS

Remove protective shipping caps and clean the operating interfaces. Apply silicone lubricant (**DO NOT SUBSTITUTE**) before assembly with an ELASTIMOLD product. Refer to operating instructions included with the product you are using.

**WARNING:** IF ALL OPERATING INTERFACES ARE NOT UTILIZED, AN ELASTIMOLD INSULATED CAP OR INSULATED PLUG MUST BE INSTALLED BEFORE ENERGIZING.

**DO NOT USE** the protective shipping covers for this function as they are not insulated and are only intended to keep the operating interface surfaces clean during handling and installation.