

Installation Instructions

LOADBREAK CONNECTOR

21LBI / 22LBI

Kit contents may include:

- * 21LBI/22LBI
- * Silicone Lubricant

The 21LBI/22LBI connector is rated 200 amperes and 15 or 25 kV respectively.

Warning

- * System must be de-energized during installation or future operations on 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.

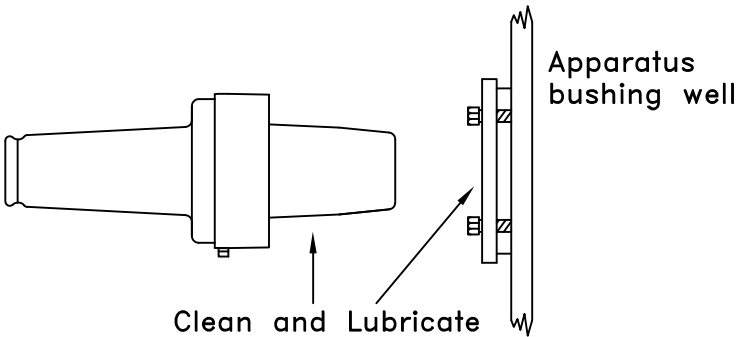
Check contents to be sure they are:

- | | |
|------------|--|
| * Correct | * Undamaged |
| * Complete | * Properly fitted with cable and mating components |

STEP 1 – CLEAN & LUBRICATE

Remove the protective caps from the apparatus bushing well and the bushing insert. Clean and inspect the bushing well to ensure it is free of contaminants. Lubricate the bushing well and mating interface of bushing insert with supplied silicone Lubricant packet.

DO NOT SUBSTITUTE. Other lubricants may be harmful.

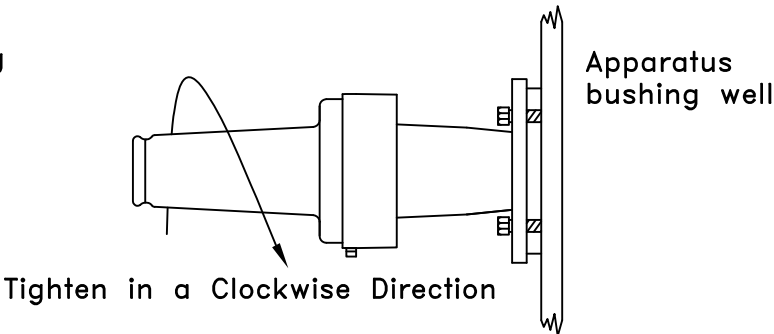


STEP 2 – INSTALL BUSHING INSERT

Position the threaded end of the bushing insert in the apparatus bushing well and hand tighten in a clockwise direction until it bottoms, achieving a final torque of approximately 15ft-lbs.

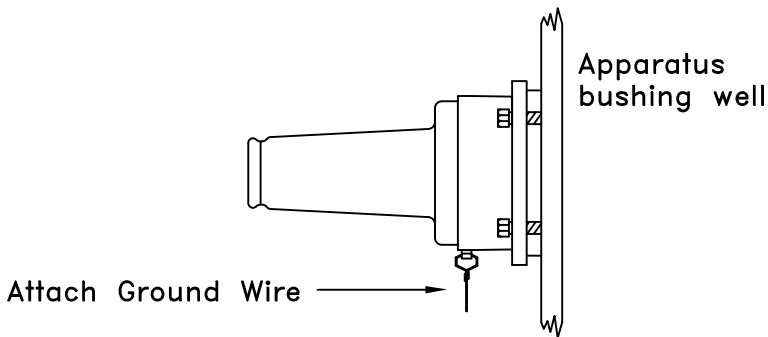
ALTERNATE ASSEMBLY METHOD:

Insert a 5/16” hex wrench and mate with hex broach. Rotate clockwise until torque requirement of bushing insert is achieved.



STEP 3 – GROUND BUSHING INSERT

Attach a #14 AWG copper wire (or equivalent) to one of the ground tabs on the body of the bushing insert. Twist the wire at least two turns at the ground eye, squeeze the loop to secure, and cut off excess wire. Attach the free end of the grounding wire to the system ground.



STEP 4 – INSTALL ACCESSORIES

Thoroughly clean the bushing interface and lubricate with supplied lubricant. Install the mating products of the bushing insert following the instructions supplied with mating products.

NOTE:

- * If the bushing insert is not be immediately mated with a mating product, replace the shipping cap to keep the bushing interface free of contamination.
- * DO NOT energize or submerge the apparatus with the shipping cap on the bushing insert.

