



INSTALLATION GUIDE FOR GROUNDING CLAMPS

INSPECTION BEFORE USE

Check List

1. The internal and external threads are clean and clear of debris.
2. The cross head screw is fully inserted and tight.
 - All components are free moving, free of major wear or damage.
 - Clamps are not damaged (cracked, deformed, ect.)
 - Serrated jaws are not worn.

Picture Here with arrows for the above statements

CLAMP INSTALLATION

To properly install ground clamps onto ferrule connectors

1. Equally loosen the strain relief (if equipped) bolts until the ferrule connector can easily pass under the strain relief clamp.
2. Remove the nylon bolt (if equipped) protecting the threaded ferrule port. Store nylon bolt (if used) in a secure location for reuse.
3. Prior to installing clamp, a visual inspection shall be made to ensure the ferrule and threaded port connection is free of debris and contaminants.
4. Thread the 5/8-inch brass nut onto the ferrule connector the full length of the threads and then loosen a quarter turn.
5. Position lock washer over ferrule threads and against the brass nut.
6. Evenly coat ferrule threads with EJC No.2 or its equivalent.
7. Insert ferrule connector under strain relief clamp and hand tighten completely into the threaded ferrule port.

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8. Tighten the brass nut down until it makes contact with the casting. Do not exceed 400 in/lbs.
9. Evenly hand tighten strain relief clamp bolts and then torque to 10 in/lbs.

CAUTION

- Install mechanical strain relief with hand nut driver, do **not** exceed 10 in/lbs.
- The protective grounding clamp strain relief system is not designed nor required to pinch the cable or pull the ferrule down to the clamp body. The primary strain relief is the shroud on the ferrule and the heat shrink.
- If the bolts on the strain relief are tightened down beyond 10 in/lbs., it will bend the ferrule and make it more difficult to install and/or remove the clamp.
- The added strain relief system is to prevent the ferrule from bending and possibly fracturing under a high fault condition.



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