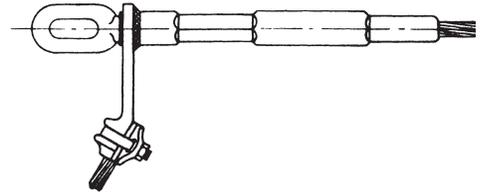


## Installation Instructions

### Bolted Jumper Connectors on Alumoweld® and Steel Ground Wire

#### Standard Method

1. Clean conductor and grooves of the bolted jumper. If installation is to be made on old cable, clean strands with a wire brush or emery cloth.
2. Coat the clamp groove and conductor liberally with No. 2 Electrical Joint Compound (EJC). DO NOT USE AFL FILLER COMPOUND (AFC).
3. Bolt conductor in groove, partially tighten nuts, then re-tighten each nut to recommended torque. (3/8" bolt-15 lbf-ft (20 N.m); 1/2" bolt-25 lbf-ft (34 N.m))
4. DO NOT remove the EJC that squeezes out when clamp is tightened.

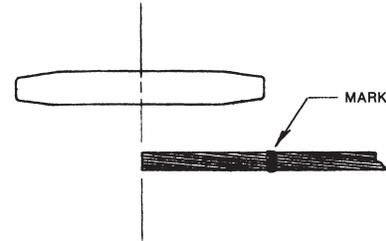


**CAUTION: Follow installation instructions carefully. Improper installation can result in mechanical failure of the cable system and possible injury to persons handling or in the vicinity of the cable systems.**

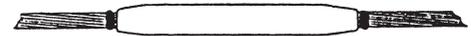
## Installation Instructions

### Standard Compression and Quick Compress® Jumper Connectors on ACSR, AAC, AAAC, ACAR, Alumoweld® and Steel Ground Wire Conductor

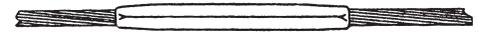
1. Measure back from each conductor end and mark at a distance equal to 1/2 the length of the aluminum jumper connector.
2. File burrs or sharp edges off the aluminum strands as necessary for ease of insertion.
3. Prior to making connections, the conductor must be wire brushed and accessory bores must be clean. If the conductor is weathered or blackened, carefully unlay aluminum strands for a distance equal to or greater than 1/2 the length of the aluminum jumper connector and clean strands thoroughly with wire brush. An alternate way to thoroughly clean the aluminum oxidation from the conductor is to use the ConductaClean® system. Check accessory bore for foreign particles, removing if present.



4. Inject AFL Filler Compound (AFC) into each end of jumper connector and on the conductor to insure that excess compound will be forced from the jumper connector when compressions are completed. Insert conductor ends into the jumper connector. If the mark on the conductor is not at the end of the jumper connector, and there is resistance to further entry, twist the jumper connector on the conductor. This will work the compound between conductor strands and bleed air from the jumper connector.
5. Select die size for compressing jumper connector. The die size on die and die size marked on aluminum jumper connector must be the same.
6. The jumper connector will bow during compression unless reasonable care is taken to have about 15 ft. (4.5 m) of the conductor supported straight out from both ends of the jumper connector such that the weight of the conductor does not hang unsupported from the end of the jumper connector when compressing.



7. Compress jumper connector full length making initial compression over center stop. Overlap each successive compression by approximately 1/4 die bite. Complete die closure is required for each compression.
8. Compressed jumper connector should have a smooth uniform appearance. Remove flash, if present, with file or emery cloth.



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