

### Installation Instructions

#### 1700-T2 SERIES VIBRATION DAMPER

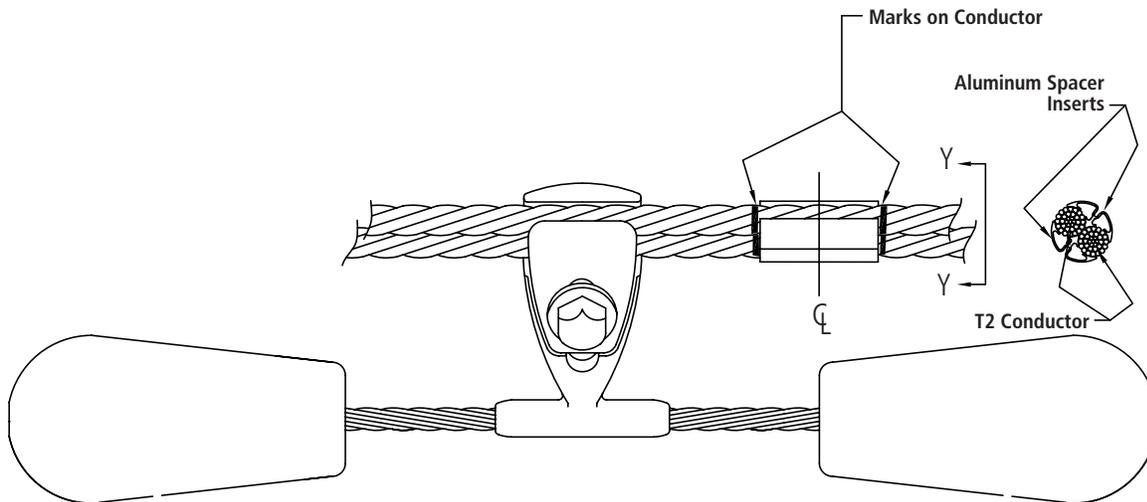
##### General

AFL vibration dampers are produced with carefully designed and controlled surface finishes for High Voltage use. To maintain this quality, the dampers should be protected, preferably in their shipping containers, from dirt and foreign material prior to installation. Handling in the field should be with care to avoid mechanical damage. AFL Vibration dampers may be installed without disassembly of the clamp parts.

**NOTE: DO NOT WRAP TAPE OVER THE INSERTS TO HOLD THEM TO THE CONDUCTORS, THIS WILL REDUCE THE DAMPERS SLIP STRENGTH AT THE CLAMP/INSERT INTERFACE**

##### Procedure

- Step 1** Obtain the damper placement location from AFL Damper Recommendation Form.
- Step 2** Loosen the bolt to open clamp sufficiently to permit cable entry into the clamp groove. Note: The bolt need not be removed.
- Step 3** Hang the damper around the conductor near the final installation location. For a horizontal two-conductor bundle, the bolt head should be toward the center of the bundle.
- Step 4** Hold the two spacer inserts at the proper spacing as specified in Step 1 and mark the conductor on each side as illustrated.



**NOTE: 1700-T2 Dampers are only for use on overhead transmission line twisted pair cables.**

**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.**

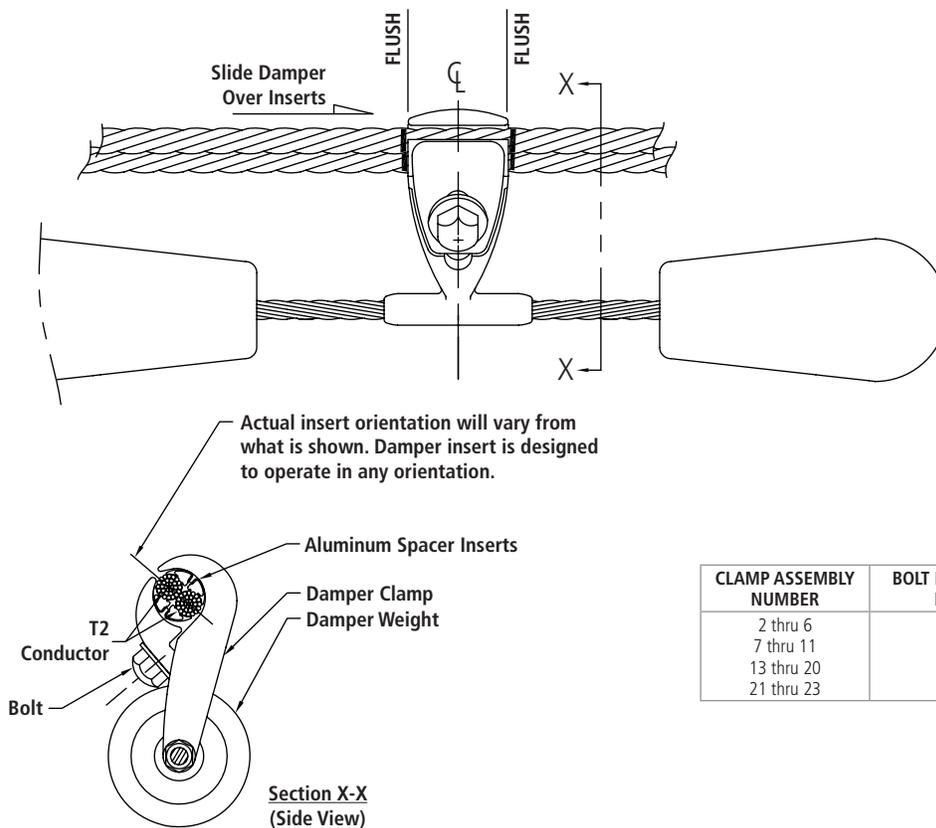
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### Procedure

**Step 5** Slide the damper over the spacer inserts and tighten bolt finger tight. The spacers should align flush with the edge of the clamp as shown  
NOTE: Damper weights should be located directly below the conductor as shown.

**Step 6** Tighten the bolt with a torque wrench to the recommended value for the bolt size tabulated below. If the bolt has breakaway outer head, tighten the bolt until breakaway head shears off.



CLAMP ASSEMBLY NUMBER	BOLT DIAMETER INCH	TORQUE LBF-FT (N-M)
2 thru 6	7/16	20 (27)
7 thru 11	1/2	25 (34)
13 thru 20	5/8	40 (54)
21 thru 23	3/4	60 (81)

**NOTE: Insert orientation may be different from illustration.**

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