



POWER SYSTEMS, INC.

BANDED ALUMINUM CLUSTER MOUNTS

INSTALLATION INSTRUCTIONS



NOTE:

Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

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INSTALLATION INSTRUCTIONS

FOR SINGLE BAND AND DOUBLE BAND ALUMINUM CLUSTER MOUNTS



- 1 Remove preassembled cluster mount from carton and check to see that all parts are present. Double arming bolts, transformer mounting bolts, and pole measuring tape are in the bag. To mount transformers with 12" lug spacing on double-band cluster mounts, remove bolts as necessary to move mounting brackets to adjacent holes in bodies. The three sets of adjacent holes allow transformers to be mounted high, low or centered on bodies. See Figure 2 for proper assembly alignment. Retighten bolts to 54 ft-lbs. ($\frac{3}{8}$ " bolts) or 105 ft-lbs. ($\frac{1}{2}$ " bolts).



- 2 Measure pole at mounting height with enclosed pole measuring tape. Tape will show proper notch for hook plate adjustment.



- 3 Adjust hook plates as necessary: remove locking spring, move hook plate to proper notch, and reinstall locking spring. Check mounting brackets and hook plates for proper assembly before proceeding with installation.

	⚠ WARNING
	<p>Improper installation can allow transformers to fall. Can cause property damage, personal injury or death. Locking springs must be properly installed before lifting cluster mount into place. Spread or replace locking springs for firm grip so hook plates are securely held. (See Figure 1). Mounting brackets must be securely bolted in interlocking engagement with bodies (See Figure 2).</p>

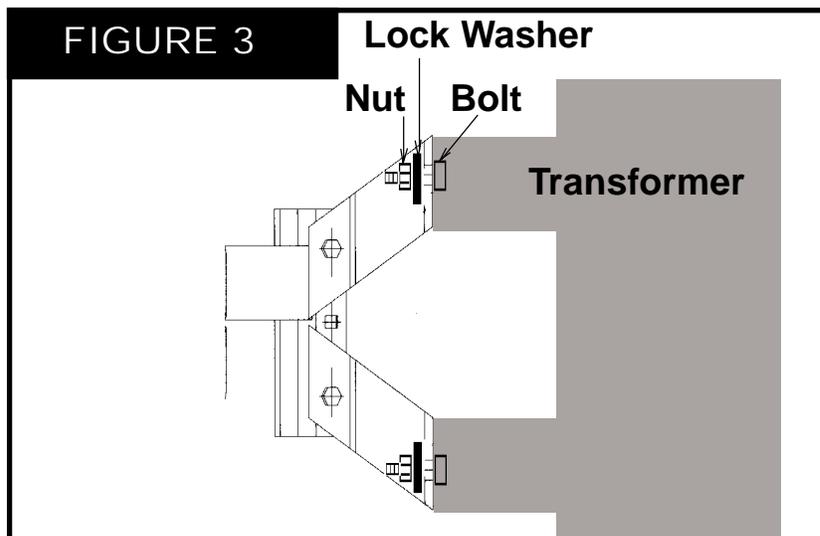
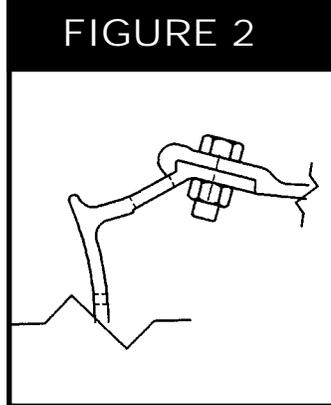
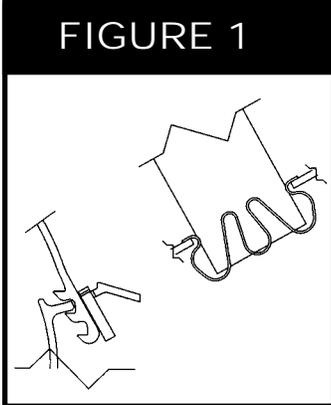


- 4 Note which of cluster mount body extrusions has a mounting key hole and install $\frac{1}{2}$ " lag screw in corresponding position in pole. Hang cluster mount on lag screw.



- 5** Secure cluster mount to pole using double-arming bolts. Tighten bolts securely to prevent slippage, but do not overtighten as this may bend the ears of the take-up plates. Be sure that at least one full bolt thread shows on the outside of each nut.

	⚠ WARNING
	<p>Improper installation can allow transformers to fall. Can cause property damage, personal injury or death. Install double-arming bolts and nuts so that at least one full thread of bolt shows on the outside of each nut. Tighten bolts securely to prevent slippage, but do not overtighten as this may bend the ears of the take-up plates.</p>



- 6** Transformers may now be installed using enclosed bolts, washers, and nuts as shown in Figure 3. Install ground wire between the two stainless steel wire clamps provided on one of the bodies.

	⚠ WARNING
	<p>Possible electrical shock. Can cause personal injury or death. Install ground wire between the two wire clamps provided to avoid creating a copper-aluminum corrosion cell that can degrade electrical connection.</p>

	⚠ WARNING
	<p>Potentially hazardous lifting operation. Can lead to property damage, personal injury or death. Do not allow transformers to hang up on cluster mount during lifting process. Continued lifting in this situation may damage the cluster mount and result in dropped transformers.</p>