

## Adjustment of Rotation Bearings AIMCO Articulated Jib Cranes

AIMCO's Articulated Jib Cranes have two 360-degree rotation bearing assemblies. The primary, located at the main mounting pivot, and the secondary, located at the attachment of the primary and secondary arms. Each of these rotation bearing assemblies have some adjustment, which increases or decreases the compression placed on the bearings in the assembly. By adjusting compression, the arm rotation becomes easier or tighter.

### Tools required:

1. Allen Wrenches 6mm
2. Spanner Wrench
3. Hammer

### Instructions:

#### Primary Bearing:

- A. Locate the split black shaft compression nut at the top of the bearing assembly. Locate the allen head screw that tightens the split nut.
- B. With an Allen wrench, loosen the allen head screw, Do Not Remove the Screw,
- C. Place the spanner wrench on the outside diameter of the nut. Position the wrench so that it does not lie across the allen head screw area.
- D. Use the hammer to either tighten or loosen the compression nut. A 1/16th to 1/8th turn will make a difference. Do Not Loosen Completely; Compression on the bearings must be retained. Re-tighten the allen head screw in the split nut.

#### Secondary Bearing:

- A. The split black shaft compression nut is located at the bottom of the secondary bearing assembly.
- B. Follow the same instructions for loosening or tightening as outlined above (Steps B – D).

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