

Maintenance:

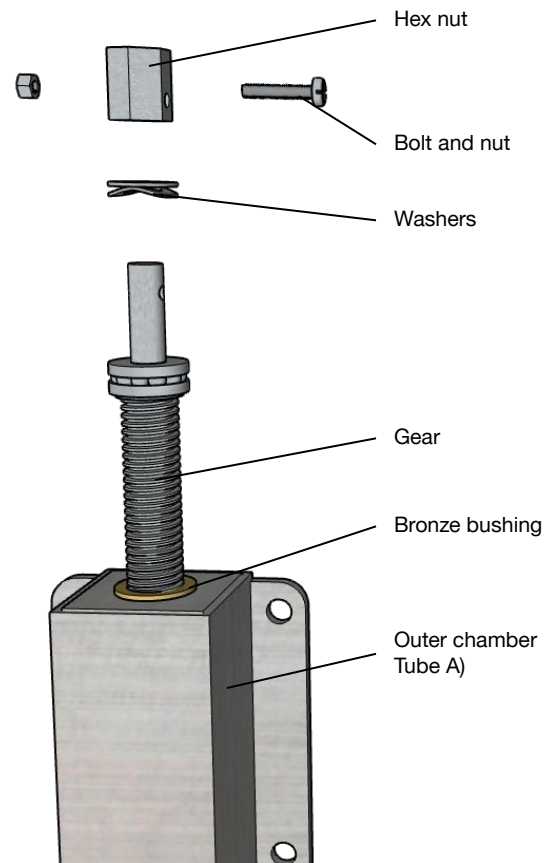
For best results, jacks should be regreased annually. Original jacks are pre-greased. To grease the gear, follow the instructions below.

1. Remove the bolt, top hex nut, and washers from the jack assembly.
2. Remove the outer chamber (Tube A).
3. Replace hex nut and bolt in order to unscrew the entire worm gear.
4. Clean and regrease with 5% molybdenum general purpose grease. Apply evenly on the gear and thrust bearing on top of the gear.
5. Return worm gear, Tube A, hex nut and washer to original position.


Troubleshooting:


For troubleshooting jacks that bind, add additional washers under the hex nut if the connection is not tight between the hex and the jack. This can solve the many issues with binding jacks, but if the issue persists, complete the above steps 1-3, then:


1. Remove bronze bushing, and inspect for debris, shards of metal, or stripped thread. Contact customer service if the bronze bushing is damaged.
2. Clean with a wire brush.
3. Add Red Loctite on the outside thread of the bushing and screw it back in the jack.
4. Return worm gear, Tube A, hex nut and washer to original position and confirm functionality.





 **Winterization:** Jack Docks are designed to be removed in all bodies of water that freeze. Freezing water can heave and ruin the whole dock.


 **Frame height over water:** The general recommendation is to keep the bottom of the frame a couple of inches above the highest expected water mark. It is recommended to remove the dock when flooding is expected.

 **By-hand installation:** Jack Docks are designed to be installed in the water by hand. Decking panels are removable to drop the weight in half for this reason. Use of machinery and winches can damage your dock, and all damages associated with installations that are not done by hand voids the warranty.

 **Currents and tides:** Jack Docks dock packages can handle some moving water and fluctuating water with proper anchoring (not provided with any dock package). Augered dock posts should be twisted into the ground at least 12 inches. Salt water will increase the rate of corrosion. Not all applications for rivers and tidal waters are appropriate for Jack Docks standard models.

 **Max weight capacity:** The maximum weight capacity for your dock can be calculated by multiplying the number of 4x8 frames by 1000 lbs.

 **Extra parts:** It is expected that you have some extra hardware and parts, particularly the connecting rails. This is intentional.

 **Severe Storms:** In the event of an expected severe storm, it is recommended that the dock be removed from the water or at least the decking removed and stored safely inside and away from extreme winds.

