

4033 Bearing Orientation

There are three possibilities for how the Rod Rotator will turn dependent on how the One-Way bearings are installed in the Actuator Body and the Back Stop Nut. Arrows on the One – Way Bearings are generally marked on the inner raceway directly above the keyway cut for the drive shaft.

Correct Orientation: Rod Rotator Rotates Clockwise

Arrow IS visible in Back Stop Nut, facing up / out ----- Arrow NOT visible in Actuator Cap, facing down / in

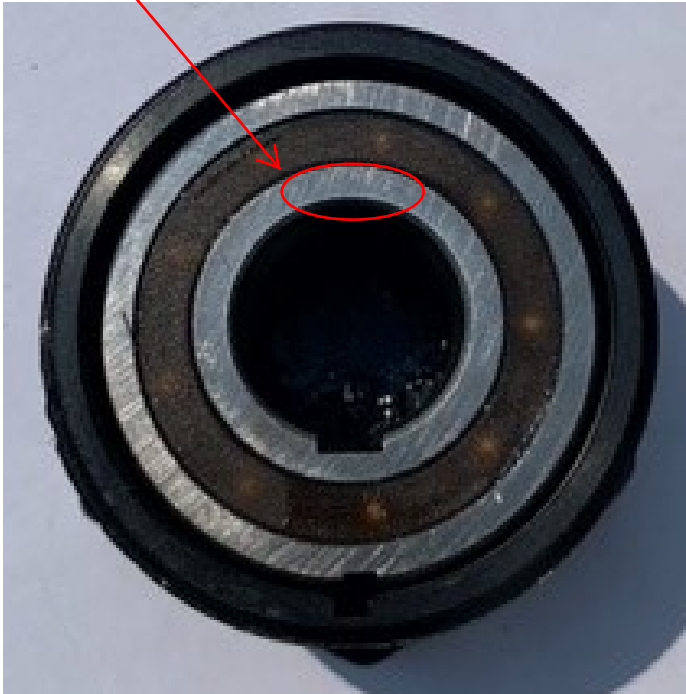
Incorrect Orientation: Rod Rotator Will Rotate Counterclockwise, Backwards

Arrow is NOT visible in Back Stop Nut, facing down / in ----- Arrow IS visible in Actuator Cap, facing up /out

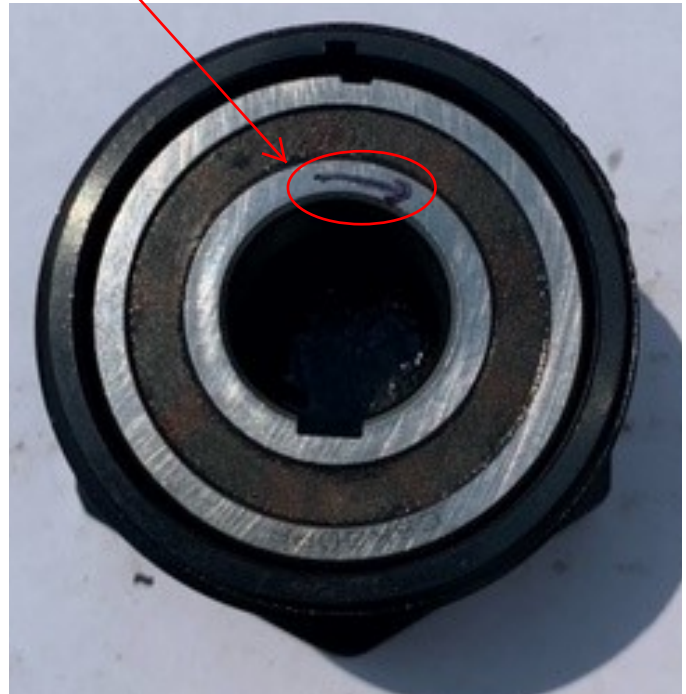
Incorrect Orientation: Rod Rotator Will Lock Up and Not Rotate

If the Arrows on the One-Way Bearings are not opposing each in the Actuator Body Cap and the Back Stop Nut and both are visible facing up /out or are not visible facing down / in, then the Rod Rotator will lock up and not rotate.

Correct orientation of the one-way bearing in the Actuator Body. Arrow is towards the bottom of the cap, so the bearing rotates counter-clockwise.



Incorrect orientation of the one-way bearing in the Actuator Body. Arrow is towards the top of the cap, so the bearing rotates clockwise.



Correct orientation of the one-way bearing in the Backstop Nut. Arrow is towards the top of the cap, so the bearing rotates clockwise.



Incorrect orientation of the one-way bearing in the Backstop Nut. Arrow is towards the bottom of the cap, so the bearing rotates counter-clockwise.

