**INSTALLATION INSTRUCTIONS**

1. **REMOVE CLUTCH KNOB AND ALL BEARINGS**
2. **INSTALL IN THIS ORDER**
   - LARGE ALUMINUM RING
   - THIN WASHER
   - NEEDLE BEARING
   - THICK WASHER
   - LARGE ENCODER WHEEL
   - SLIDE UNTIL IT STOPS
   - THEN TIGHTEN THE TWO SET SCREWS
   - INSERT SCREW TO TIGHT OTHER SIDE OF ALUMINUM COVER
   - INSERT SIX PIN IN TO HOLES IN ENCODER HUB
   - THICK WASHER
   - SPRING WASHER
   - CLUTCH KNOB

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**LOSMANDY ASTRONOMICAL PRODUCTS**

**12288 LINE ENCODER AND COVER INSTALLATION**