



INSTALLATION INSTRUCTIONS

- REMOVE CLUTCH KNOB AND ALL BEARINGS
- INSTALL IN THIS ORDER
- LARGE ALUMINUM RING, SLIDE UNTIL FLUSH WITH END OF AXIS, LOCK IN PLACE WITH SET SCREW AGAINST FLAT ON MOUNT
- THIN WASHER (ON MOUNT)
- NEEDLE BEARING (ON MOUNT)
- THICK WASHER (IN KIT)
- LARGE ENCODER WHEEL (IN KIT) SLIDE UNTIL IT STOPS, THEN TIGHTEN THE TWO SET SCREWS
- SLIDE ENCODER READER IN TO PLACE AND THEN INSTALL ALUMINUM COVER, INSERT TWO SCREWS THROUGH COVER, THROUGH ENCODER READER AND TIGHTEN
- INSERT SCREW TO TIGHT OTHER SIDE OF ALUMINUM COVER
- INSERT SIX PINS IN TO HOLES IN ENCODER HUB
- THICK WASHER (IN KIT)
- SPRING WASHER (ON MOUNT)
- CLUTCH KNOB

TELESCOPE AXIS

LARGE ALUMINUM RING (IN KIT)

ALUMINUM COVER SCREW (IN KIT)

THIN WASHER (ON MOUNT)

NEEDLE BEARING (ON MOUNT)

THICK WASHER (IN KIT)

SET SCREW (IN KIT)

ENCODER HUB (IN KIT)

SET SCREW (IN KIT)

ALUMINUM COVER (IN KIT)

SET SCREW (IN KIT)

ENCODER READER (IN KIT)

WAVE WASHER (ON MOUNT)

CLUTCH KNOB (ON MOUNT)

SIX PIN (IN KIT)

THICK WASHER (IN KIT)

TWO SCREW FOR COVER (IN KIT)

LOSMANDY ASTRONOMICAL PRODUCTS
12286 LINE ENCODER AND COVER INSTALLATION