www.glmmarine.com

705 Los Angeles Ave.
Monrovia, California 91016 USA
Tel (626) 357-0077, Fax (626) 357-0600

Instructions for Shimming Tool GLM No. 90330

Johnson/Evinrude
V4 60° 1995 & Up / V6 1976 & Up

OMC Stringer/Cobra
3.0L / 3.8L / 4.3L / 5.0L / 4.7L / 5.86L

1. Assemble Drive Shaft, Pinion Gear, Thrust Bearing, Thrust Washer (without the shim) and pinion nut. Torque pinion nut to spec. (Fig. A)

2. Place the Drive Shaft Assembly into the Shimming Tool. (Fig. B)

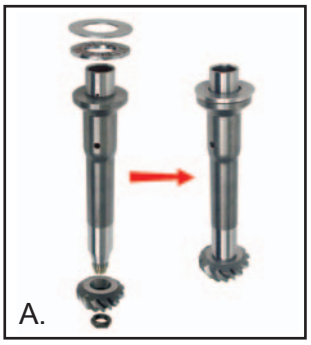
3. Place the Bearing Carrier on the Drive Shaft on top of the Shimming Tool and tighten down screws. Use the 6mm Allen Screws (Option 1) included with Shimming Tool or use the 7/16" Hex Screws (Option 2) from the existing Bearing Carrier. (Fig. C)

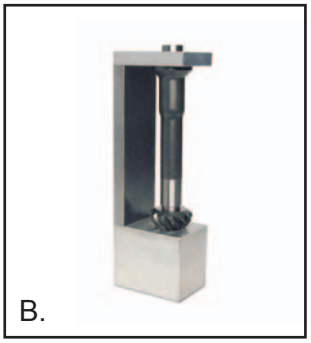
4. Place the Shim Finder on top of the Pinion Gear next to the Drive Shaft (magnetic side facing down). (Fig. D)

5. Use a Feeler Gauge to determine the clearance between the Shim Finder and the Shimming Tool base. Check 3 different places. *The average of these 3 reads is your actual shim need*. (Fig. E)

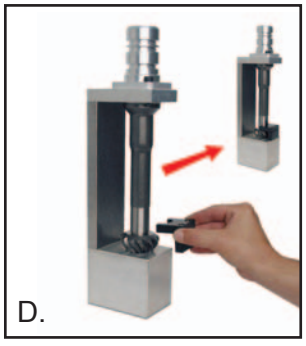
CAUTION: Any damage to the measuring tool will cause & produce inaccurate measurement results.

Shimming Tool GLM No. 90330
Comes with
Shim Finder
GLM No.
90335
and 2 (6mm)
Allen Screws


A.


B.

C.


D.


E.