

### Rubex Interchangeable Hub System Installation Instructions

**WARNING:**

*Always shift engine into the neutral position and turn ignition off. Remove spark plug leads or ignition coil lead before servicing the propeller.*

It is very important to refer to your Engine's Owner Manual for important safety precautions when installing the propeller. Use the original propeller hardware thrust washer, spacer, locking tab, nut, and cotter pin depending on engine/drive manufacturer. This is a Nissan / Tohatsu installation instruction.

- 1) Put the OEM Thrust Washer & Thrust Washer Adapter(#81188510) on propeller shaft just as it came off. The taper on the OEM Thrust Washer should mate properly with the taper on the propeller shaft.
- 2) Put the Rubex RBX Hub (#731461050) into the front of the propeller's hub cavity.  
The Rubex RBX Hub (#731461050) should slide  $\frac{3}{4}$  or more into propeller hub cavity or it may be backwards.
- 3) Press or tap gently the Rubex RBX Hub (#731461050) so the propeller hub is flush with the hub cavity.
- 4) Grease the propeller shaft.
- 5) Slide the propeller assembly onto the propeller shaft.
- 6) Install Aft Spacer (#81058510) . Consult your engine/drive manual.
- 7) Install the Washer if required. Consult your engine/drive manual.
- 8) Install the shaft nut. Consult your engine/drive manual for proper torque.
- 9) Install the cotter pin. Consult your engine/drive manual for proper torque.

OEM Thrust Washer  
(Supplied with engine)



Thrust Washer Adapter  
(#81188510)  
included in kit



RUBEX Propeller

**Picture may not be exact to your application.  
Please consult your owner's manual.**

Aft Spacer  
(#81058510)  
included in kit



RBX Hub  
(#731461050)  
included in kit

Washer  
(Original Part)  
not included in kit



Nut  
(Original Part)  
not included in kit



Cotter Pin  
(Original Part)  
not included in kit

**RBX-A50 APPLICATIONS:**

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**Nissan / Tohatsu 2-1/2" Gearcase (14 Tooth Spline)**

※ 9.9 HP(2-Stroke) 1984 & Newer, 15 HP(2-Stroke) 1985 & Newer, 18 HP (2-Stroke) 1985 & Newer, 20 HP (4-Stroke) 2007 & Newer, 9.9 HP (4-Stroke) 00-03, 15 HP (4-Stroke) 2000 & Newer, 18 HP (4-Stroke) 01-08, 12 HP 85-88, MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

**Mercury / Mariner / Mercruiser 2-1/2" Gearcase (14 Tooth Spline)**

※ 9.9 HP Bigfoot 4 Stroke 2005 & Newer, 15, 20 HP 4 Stroke 2007 & Newer, (Japan Origin Tohatsu)