

## **GLIDE Ski / Wake Strut Bearings**

### INSTALLATION INSTRUCTIONS

#### PLEASE Read Before Installing:

1. Make sure the strut housing is burr free and has been measured across the bore in several directions to make sure it is the same on all measurements.
2. Any set screws found on the strut should be removed.
3. Bearings can be installed by either slip-fit (*freeze fit*) or press fit.
4. Freezing the bearings prior to installation is typically the easiest method. It is best to allow them to freeze for a minimum of 2 hours (*or longer depending on the wall thickness of the bearing*). The bearings should be installed into the housing within seconds of removing them from the freezer or cooler.
5. DO NOT STRIKE THE BEARING when installing, this could damage the bearing.

#### Installation:

1. Position your GLIDE strut bearing with the chamfered end pointing towards the engine. If 2 strut bearings are required, both chamfered ends should face forward if possible.
2. Position the bearing to the end of the strut in line with the bore. DO NOT position the water grooves at the 12 and 6 o'clock positions. This could possibly reduce the efficiency and the overall longevity of the bearing.



EXAMPLE OF THREADED ROD TOOL USED TO PRESS BEARINGS INTO HOUSING.

6. Apply constant pressure to the bearing as it is pressed / slipped into place.
7. If the strut requires 2 bearings (fore/aft) the water grooves should to be aligned / clocked so the front and rear bearing water grooves are positioned in a straight line with one another.
8. If the bearings were installed by freezing, allow them to warm to ambient temperature before moving on to the next step.
9. If the strut has set screws... they are not necessary for bearing retention. You can silicone over the holes or if you desire to use the set screws you can carefully (drill) put a small dimple in the bearing surface using the strut hole. The key is to just make contact the bearing surface. Too much pressure on the outer bearing wall could cause the shaft to not install properly.
10. Periodically inspect the bearings.