



GLIDE GMSS Installation Instructions

**** DO NOT REMOVE THE INSTALLATION TOOL INSIDE OF THE HOUSING****

Please read the instructions before beginning install

Procedures before installing

1. Measure from the end of the hose furthest from the engine (bulkhead) up the shaft (towards the engine) 5.0" - 6.0" this is the typical running location for the Glide seal.
2. Do not disconnect the shaft coupler from the transmission coupler.
3. Loosen the existing hose from the bulkhead / shaft log, slide it forward and verify that the shaft is positioned in the center of the tube with equal clearance between the shaft and tube. IF the clearance is visually inconsistent it will then require re-alignment / adjustment before moving to step #4. Failure to do so could result in premature wear and void warranty.
4. Once the shaft is verified to be concentric inside the tube, unbolt the couplers and remove the shaft coupler and old stuffing box from the shaft.
5. Inspect shaft and make sure the running surface is clean and smooth. If necessary to clean shaft use a fine grit sand paper or emery cloth around the shaft. DO NOT SAND SHAFT IN A FORE/AFT DIRECTION. If the shaft shows excessive wear or "dishing" make sure the new seal location is not on the worn surface .
6. Make sure the end of the shaft is chamfered, all keyways and countersinks are free of burrs and all have beveled / rounded edges.
7. Adjust seal running location (only if needed) by trimming the silicone hose so that the seal running surface is on a clean unworn area of the shaft. Refer to item #1.

Installation Procedures

8. After making sure your installed location will be on an unused shaft surface it is time to install the silicone hose to the Glide Seal Housing. Make sure the hose is visibly straight (in-line) with the housing. When fully installed, secure the hose to the Glide Seal System using 2 Stainless Steel band clamps and tighten to *(28in/lbs.)*
9. At this time you are ready to install. Your housing has the aluminum install tool already in place ready for installation.
10. CAREFULLY guide the drive shaft into the hose and housing in one continuous forward motion all the way through.
11. Once the install tool passes through the housing and seal you can remove it from the shaft (do not let the shaft slide backwards out of the housing). Install the hose end of the Glide Seal System onto the shaft log. Secure the hose to the shaft log with 2 stainless steel clamps and tighten to *(28in/lbs.)*
12. Reinstall the coupler.
13. Install the water supply line.
14. Water supply is typically taken from the pressure / intake side of the water system or off of the transmission cooler line using a 1/8" NPT – 3/8 hose barb. Water supply Temps below 180°F are preferred.
15. Once all fasteners are secure and clamps are tightened it is time to test the system.
16. A slight drip might be noticed for the first initial run. This is typical due to the seal taking a set to the shaft. The seal will install a burnished surface where it will seal to the shaft for years to come.

We thank you for your purchase of the Glide GMSS Seal System.

