



Drip-Less Packing Installation

This drip-less packing kit properly installed, will extend the time period normally required to change stuffing box packing.

The kit contains one container of grease/sealant and four (4) sticks of moldable packing. It is not necessary to use all four (4) sticks for the average installation. Any left over moldable packing can be used in the stuffing box on your rudder. The following items are required to complete this installation and are not included in this kit.

1. One package of shaft packing. This should be the same size standard packing you would normally install. All Catalinas that use a traditional bronze stuffing box and bronze prop strut use our 3/16" #Z3191 GTU packing.
2. A Packing Extractor Tool, #Z3834 to remove the old packing from the stuffing box.
3. Our Stuffing Box Wrench Set, part #Z3434.
4. A Single Edge Razor Blade to cut the packing, Latex Disposable Gloves and Safety Glasses.

Step 1. Remove the old shaft packing using the flexible packing removal tool. After the removal of the old packing, check to make sure the stuffing box is clean and free of any foreign matter.

Step 2. Measure and cut two (2) rings of the GTU shaft packing to the correct shaft size.

Step 3. Coat each ring with a liberal amount of SYNTEF lubricant found in the kit. Apply the SYNTEF to the exposed shaft as well.

Step 4. Insert pieces of the moldable packing sticks into the cavity of the stuffing box next to the first piece of standard shaft packing. The key here is to fill the cavity with the moldable material. Remember you may not use all of the moldable material to fill the stuffing box cavity. Leave enough space on the end to insert the second piece of standard shaft packing.

Step 5. Insert the second piece of standard shaft packing into the stuffing box. You now

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have two (2) rings of standard packing with moldable packing between them.

Step 6. Hand tighten the stuffing box nut.

Step 7. Tie the boat off in a slip or secure area. Start the engine and engage the transmission at idle. Allow about ten minutes for the stuffing box to come up to temperature.

Step 8. Tighten the stuffing box nut 1/8 of a turn and monitor the drip. When the drip stops give the nut an additional 1/8 of a turn. This should give you the proper tension to maintain a dry stuffing box. Minor adjustments may be required after initial use.

Important.

The stuffing box is going to operate at a higher temperature, as there is no water dripping into the stuffing box to flash the excess heat out of the stuffing box. It is important to monitor the heat of the stuffing box after the kit is first installed. The general rule is to maintain a heat level under 140 degrees Fahrenheit. If you have a heat level in excess of 140 degree Fahrenheit you must consider the possibility that one of the following items is the cause.

1. Wrong size standard shaft packing (too large)
2. Too much tension on the stuffing box nut.
3. Shaft alignment or cutlass bearing problem.
4. Engine mount has failed.
5. Shaft that is not true.

The SYNTEF will leak out of the stuffing box for the first few hours of operation. This is normal.