

Removal and Install of Propeller Seals and Seal Saver

Remove the propeller by removing the bolt and nut that hold it on the propeller shaft. This will expose the seals that prevent oil from leaking out around the shaft.



For older models you will see a silver surface as illustrated above. Some will not have this silver face. In any event, this is the prop seal. When this outer seal is removed you will find another underneath it.

To remove the seals

Ideally a small seal puller allows you to hook the seal on the inside edge close to the shaft and remove it, however you can use a flat headed or slot screwdriver to hook this inside wall of the seal and pry up, using the edge of the housing away from the tip of the screwdriver for leverage. Be careful not to damage the inside housing surface.

Slide the seal up and over the prop shaft.

The inside seal can be removed in the same way.

Older seals can be tough to move. If you are having difficulty, you can drill a hole about a quarter inch deep into the seal. You can then hook into this hole with a small screwdriver or similar and pry the seal out using the edge of the housing for leverage.

We don't recommend drilling into the second seal as there is a bearing directly beneath it.

When both seals are removed, clean the inside wall of the housing and leave it dry.

Replace the first seal by sliding it over the prop shaft, *open side down* making sure that the small spring stays in place. Press down on the seal in several areas to ensure it is fully seated.

The outer seal is placed over the prop shaft with the open side *facing you*. Press down until fully seated.

Note: We recommend you coat the outside edges of both seals with an all purpose marine adhesive. We use Sikaflex 291. A good marine silicone product will be fine.

Insert the 'seal saver' into the outer seal snugly and the seal replacement procedure is complete.

To finish, slide the propeller onto the shaft as far as it will go and replace the fastening bolt and nylon nut.

Note: The seal saver is to keep fishing line from winding down the propeller shaft and 'cutting' the seals.