

New Two Piece Bow Thruster Vertical Seal Replacement

8. Optional, but potentially important step. Lock your New BT Seals into place with several teflon washers and SS screws. For this assembly I would use 4 screws and as many washers as required to have a tight fit.

Use a few small Teflon washers to get the correct height, and use one larger Teflon washer to press on the top of the seals to keep them in place. I think a machined Teflon cap might be a better solution. I will design one and have it machined here in Thailand. Let you know how it goes at a later date.

There are rumors that an Amel sank due to an improper installation of the old style Amel Bow Thruster lip seal. As the story goes, the seal came out unexpectedly and this opened up the hole for some water to get in. And, then, more and more water until the waterline was higher than the opening for the Bow Thruster. This is why I think everyone should lock the seals in place with something.

