

PACKLESS SEALING SYSTEM PSS SHAFT SEAL

PYI SERVICE BULLETIN

PSS Shaft Seal maintenance & parts replacement recommendation:

As with any rubber hose below waterline, the PSS bellow must be inspected on a regular basis for any sign of wear, aging or chemical deterioration. PYI suggests preventative maintenance, **The PSS bellows should be replaced in six year intervals. During bellows replacement it is recommended the o-rings & set screws in the stainless steel rotor also be replaced.**

Bellows may need to be more frequently inspected in an environment where non-sealed batteries emit sulfuric acid. Sulfuric acid vapor will accelerate rubber deterioration, as will an ozonator.

PYI offers a Maintenance Kit that includes the items you need to properly maintain your PSS Shaft Seal. Included in the kit is one (1) PSS bellow, two (2) O-rings, five (5) set screws, four (4) hose clamps and an allen key.

PSS Shaft Seal Maintenance Parts & Price List

SHAFT DIAMETER	BELLOW	O-RING KIT	HOSE CLAMPS	COMPLETE REBUILD KIT
3/4" - 7/8" (20mm-22mm)	\$ 67.00	\$ 4.10	\$ 1.80	\$ 70.00
1" - 1 1/8" (25mm-30mm)	\$ 67.00	\$ 4.10	\$ 1.80	\$ 70.00
1 1/4" (32mm)	\$ 93.00	\$ 4.20	\$ 2.30	\$ 96.00
1 3/8" (35mm)	\$ 93.00	\$ 4.20	\$ 2.30	\$ 96.00
1 1/2" (40mm)	\$ 121.00	\$ 4.90	\$ 3.15	\$ 125.00
1 3/4"	\$ 121.00	\$ 4.90	\$ 3.15	\$ 125.00
2" (45mm-50mm)	\$ 121.00	\$ 5.00	\$ 3.15	\$ 125.00
55mm	\$ 121.00	\$ 5.00	\$ 3.15	\$ 125.00
2 1/4" (60mm)	\$ 180.00	\$ 5.00	\$ 3.50	\$ 179.00
2 1/2" (65mm)	\$ 180.00	\$ 5.00	\$ 3.50	\$ 179.00
2 3/4" (70mm)	\$ 251.00	\$ 5.00	\$ 3.80	\$ 244.00
3" (75mm)	\$ 251.00	\$ 5.00	\$ 3.80	\$ 244.00
80mm	\$ 251.00	\$ 5.00	\$ 3.80	\$ 244.00
3 1/4" - 3 1/2" (85mm - 90mm)	\$ 510.00	\$ 5.15	\$ 4.10	\$ 478.00
3 3/4" (95mm)	\$ 510.00	\$ 5.15	\$ 4.10	\$ 478.00
BOAT SPECIFIC MAINTENANCE PARTS				
Tige Boats (Shaft 1 1/8" / Stern Tube 1 3/4")	\$ 67.00	\$ 4.10	\$ 1.80	\$ 70.00
Nautiques (Shaft 1 1/8" / Stern Tube 1 1/2")	\$ 67.00	\$ 4.10	\$ 1.80	\$ 70.00
MB Sports (Shaft 1 1/8" / Stern Tube 1 3/4")	\$ 67.00	\$ 4.10	\$ 1.80	\$ 70.00



*Part # is 07-(shaft diam.)-(stern tube diam.)-R

IMPORTANT NOTE: Please be sure to never use the same set screw on the shaft twice. There are two set screws in each of the two holes in the stainless steel rotor. One is tightened onto the shaft, and the other is tightened onto the first to lock it in place against the shaft. The set screws are made with a cup at the base that compresses into the shaft, ensuring a secure grip. PYI's Maintenance Kit comes with five new set screws included. When reinstalling the rotor, please use the new set screws. In the case that you do not have spare set screws, the set screws in the rotor need to be reversed, so there is an unused cup being compressed onto the shaft.

Necessary Information:

Shaft Size: _____ Stern Tube O.D.: _____

