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SIDE-POWER THRUSTER

Recommended Annual Maintenance

There is very little annual maintenance required on Side-Power thrusters. If you follow these simple guidelines, your thruster will provide you with many years of trouble-free service.

- 1) Remove prop(s) and grease prop shaft with marine-grade grease.
- 2) Apply fresh bottom paint to prop(s), gearleg and tunnel.
- 3) Replace zincs.


If you have a sealed gearleg thruster (302Si, 402Si, 552Si, 402Si-IP, and 55S2i-IP) please skip to step 7. For all other units, please continue with steps 4-6.

- 4) Check oil in feed tube for water. If the oil is milky in color, water is present and the gearleg needs to be serviced by a qualified marine technician.
- 5) Check gearleg oil reservoir level, top off as necessary. EP90 (Extreme Pressure) gear oil is recommended. If necessary, 90 weight inboard/outboard gear lube, 80-90 weight, or 85-90 weight gear oil (available at automotive parts stores) can be substituted.
- 6) The gearleg oil should be changed every two years. Remove the gearleg drain plug and allow fresh oil from the reservoir to flush out the old oil. Re-install drain plug with new copper gasket and top off reservoir.
- 7) Test the condition of the batteries. They should have a minimum of 12.6 volts.
- 8) Inspect all cable connections; ensure they are clean and tight.

If you have an Ignition Protected (IP) unit, you are done. For other units, please follow steps 9 and 10.

- 9) Vacuum or blow out motor to remove carbon dust. Avoid breathing carbon dust when blowing motor out with compressed air.
- 10) Inspect motor brushes: Pull back brush retaining springs and slide brushes back and forth in their holders. They should be loose and slide freely.



 THRUSTERS



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