

PERIODIC MAINTENANCE TABLE

Step A – after first 50 hrs of operation

- Check and replace sacrificial anodes.
- Clean fuel/water separator filter.
- Replace oil lubricating.
- Replace oil lubricant filter
- General checks: liquids leakage, tightening clamps, fresh and row water hoses and fuel pipes connections, coolant liquid level, damaged parts and loosened bolts and nuts, dust inside the intake air line.

Step B – every 200 hrs of operation or 6 months

- Replace sea water pump impeller.
- Lubricating oil replacement.
- Replace sacrificial anodes.
- Replace fuel pump prefilter.
- Check the functionality of the antisiphon valve and the non-return valve (if any).
- Battery electrolytic solution level control and reset.
- Exhaust system inspection.
- Control and clean air filter.
- Water drainage from cup fuel filter.
- Control of belt tension.
- Control fuel lines.
- Control efficiency of the emergency stop controls.
- Control and clean sea water filter.
- General checks: liquids leakage, tightening clamps, fresh and row water hoses and fuel pipes connections, coolant liquid level, check damaged parts and loosened bolts and nuts, dust inside the intake air line, check the sea water intake system, cable ties and coupling control, electrical system control and connections.

Step C – every 400 hrs of operation or 12 months

- Replace fuel filter element.
- Replace air filter element.
- Replace alternator and water pump belts.
- Replace oil filter element.
- Replace fuel pump filter.
- Clean cup fuel filter.
- Control functionality of thermocontacts.
- Control sea water pump.
- Control fuel pump.

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MANUFACTURERS

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Step D – every 1200 hrs of operation or 24 months

- Change coolant liquid.

Step E – every 1200 hrs of operation or 36 months

- Check of fuel injection nozzles.
- Check engine compression.
- Replace fuel pump.
- Replace engine solenoid.
- Check valves clearance.

Step F – every 2400 hrs of operation or 36 months

- Replace exhaust mixer.
- Replace water/air exchanger.
- Clean and inspect water/water exchanger.

Step G – every 3200 hrs of operation or 48 months

- Check fuel injection pump.
- Check fuel injection timer.
- Clean and sand valves seats.
- Replace cable ties and flexible coupling.

Step H – every 4 years

- Replace fresh and row water hoses and clamp bands.
- Replace fuel pipes and clamps.

Time of operation	Step to perform
50 hrs	A (Only the first time)
200 hrs	B
400 hrs	B + C
600 hrs	B
800 hrs	B + C
1200 hrs	B + C + D + E
2400 hrs	B + C + D + E + F
3200 hrs	B + C + D + E + G
4 years	H