

CAPTAIN'S CHECK AND MAINTENANCE LIST



**VOLVO
PENTA**



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CAPTAIN'S CHECK LIST

CHECK DAILY BEFORE START:

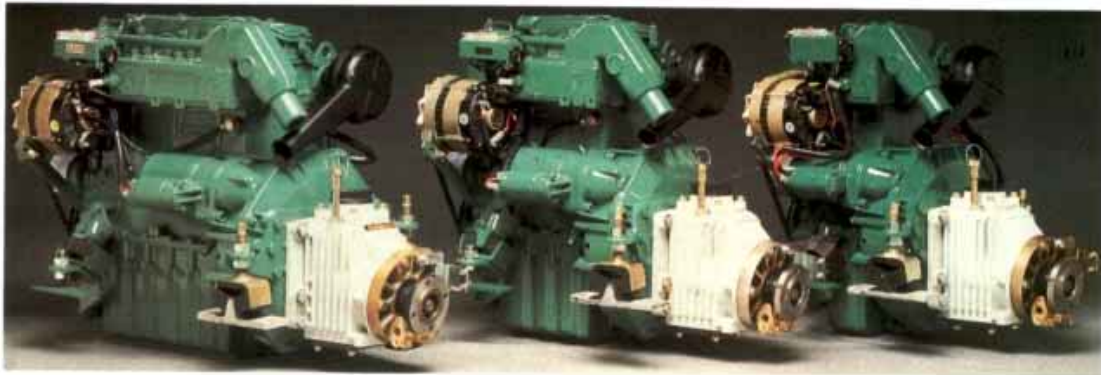
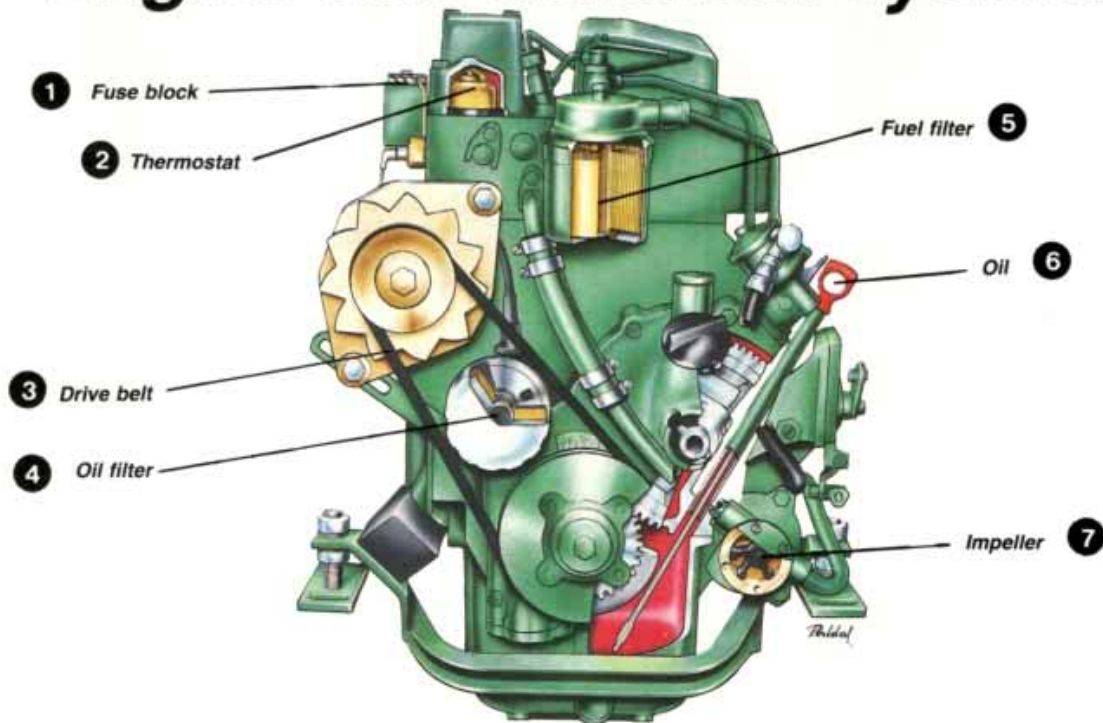
- Check that there is sufficient fuel in the tank
- Check the lubrication oil level in the engine
- Main switch on
- Start engine
- Warm up engine (high rev)
- Check for leakage, oil, fuel, water
- Check oil pressure
- Check battery charging
- When engine has warmed up revert to idle speed
- Check that no rope is hanging over-board under water

AFTER SAILING ROUTINE:

- Let engine idle for some minutes
- Shut engine
- Shut off all unnecessary electrical equipment

REMEMBER: A well attended engine is a reliable engine.

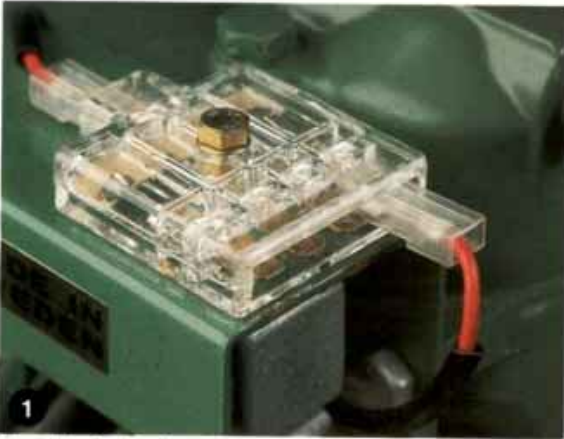
Engine and electrical system



Volvo Penta Tool kits. These contain the most necessary tools for minor repairs and maintenance on board –



Volvo Penta On board kits. The engine's "first aid box", which you should always have on board. It contains everything you need for minor repairs. You avoid the risk of a standstill and having your leisure time spoilt. . . .



1
Fuse block. The fuse block has four wire fuses with individual outputs. In the event of a blown fuse you simply move the cable to the next output. Check to make sure that you always have reserve outputs. Always have a fuse block in reserve.



4
Filters. Serviceable oil and fuel filters are a pre-condition in order that the engine shall function properly. These filters are easy to replace, and you should do so after about 100 hours running time or at least once a year.



2
Thermostat. The thermostat makes sure that the engine retains the correct working temperature. If your engine is fitted with a temperature gauge you can see if the engine has the correct working temperature.

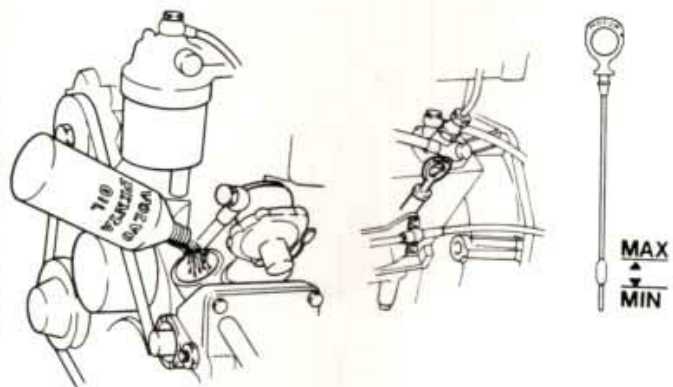


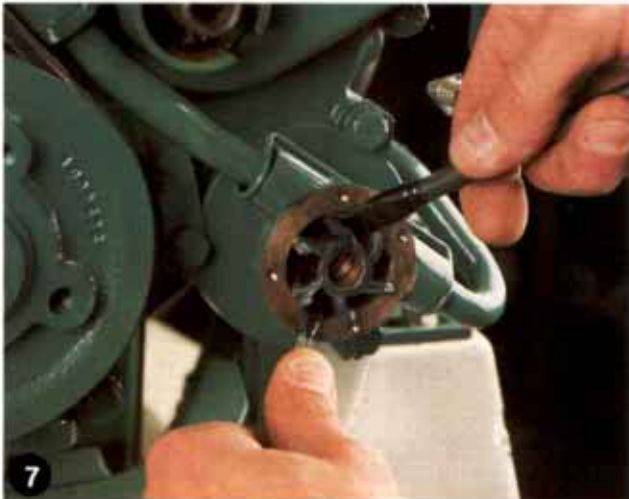
5
Fuel system. Not least important is that you check that the fuel system does not leak. If fuel leaks, then air will also get into the system, and this will cause operational breakdown. For the sake of safety, check the fuel lines now and again.



3
Drive belt. Check the drive belt several times a year to make sure that it is tensioned correctly (press the middle of the belt – you should be able to press it down by not more than 5 mm). Also check to make sure it is not cracked or frayed. A worn drive belt will slip and give poor effect to the alternator and, on a fresh-water-cooled engine, to the circulation pump.

6
2001 = 1.4 liter
2002 = 2.75 liter
2003 = 4.1 liter





Impeller. The impeller pumps coolant through the engine's cooling system. This is how you detach it. **NOTE.** Wind tape around the screwdriver to prevent damage to the pump housing. Check the impeller every year; if it is worn or damaged in any way, replace it with a new one. Do not forget to fit a new gasket under the cover.



Cooling system. Ensuring that the engine gets effective cooling is an absolute necessity. Check the system's hoses and hose clamps and make sure that they are all in good condition.



Engine compartment. Keeping the engine compartment clean is important for several reasons. Should leakage of fuel or oil system arise, you can quickly detect it and take the necessary measures to remedy it. Oil and fuel in the engine compartment can cause an accident if there are any sparks flying around.

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AB Volvo Penta
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