

# Service Schedule Service Protocol

**VOLVO  
PENTA**

MD22A, MD22A-A, MD22L-A, TMD22A

Boat:	<b>Engine Serial No</b>
	Single engine:
Customer:	Port engine:
	Starboard engine:
	<b>Drive/reverse gear Serial No</b>
	Single:
	Port side:
Engine product No:	Starboard side:
Running hours (h):	Product No:

## Check list

	Check	Fill/ Lubricate	Adjust/ Tighten	Clean	Change/ Replace
<b>First Service Inspection, after 20-50 hours*</b>					
Transmission oil level	●				
Coolant level and antifreeze mixture	●				
Seawater filter (if applicable)	●			●	
Tension all drive belts	●				
Instrument panel function	●				
<b>Start and warm up engine</b>					
– Hydraulic reverse gear oil level					
– Water/oil/fuel leakage around the engine and transmission	●				
– Set engine idle					
– Abnormal engine/transmission noises					
<b>Stop engine</b>					
– Oil and filters					●
<b>Restart engine</b>					
– Oil pressure and oil leakage	●				
<b>Every 100 hours / at least once a year</b>					
S-drive / folding propeller, corrosion protection	●				●
S-drive, rubber seal (hull/drive)	●				

\* or within 180 days of the date of delivery, or the end of the first season, whichever comes first.

continued...

# Check list

	Check	Fill/ Lubricate	Adjust/ Tighten	Clean	Change/ Replace
<b>Every 200 hours / at least once a year</b>					
Engine oil and filter					●
Timing gear belt	●				
Fuel filter					●
Fuel pre-filter					●
Fuel feed pump				●	
Coolant	●				
Alternator, belt tension	●				
Seawater pump, impeller	●				
Vacuum valve				●	
Reverse gear, oil					●
S-drive, oil					●
Condition of all rubber hoses. Hose clamps	●		●		
Engine and reverse gear / S-drive				●	
Paintwork	●				
<b>Every other year</b>					
Coolant					●
Crankcase ventiation				●	
<b>Every 500 hours / at least every fifth year</b>					
Reverse gear, propeller shaft seal					●
<b>Every seventh year</b>					
S-drive, rubber seal between drive and hull					●
<b>Every 600 hours</b>					
Injectors, test pressure	●				
<b>Every 2000 hours</b>					
Timing gear belt					●
Valve clearance			●		

