

	<h1 style="margin: 0;">Service Protocol</h1> <div style="text-align: right; font-weight: bold; font-size: 1.5em; margin-top: 10px;">VOLVO PENTA</div> <hr style="border: 0.5px solid black;"/> <p style="margin: 0;">D9A2A MH, D9A2B, D9A2D, D9A2J, D9A2J MH, D9A2K</p>
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D9-425: Rating 3 D9A2J MH
D9-500: Rating 4 D9A2K MP **Rating 5** D9A2K MP
D9-575: Rating 5 D9A2K MP

<div style="border-bottom: 1px solid black; padding-bottom: 2px;">Vessel</div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">Customer</div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; height: 15px;"></div> <div style="border-bottom: 1px solid black; height: 15px;"></div>	
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Engine Hours	Serial number Engine	Serial number Transmission	Chassi ID
Driveline #1			
Driveline #2			
Driveline #3			
Driveline #4			

☐ Warranty repairs
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☐ Campaign No.
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Total Labor Hours

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Name

.....

Signature

.....

Date

.....

Dealer Stamp

S1, S2, S3 = Special Interval Service
A - F = Type of service (regular service)

C = Clean
R = Replace
A = Adjustment
L = Lubrication
I = Inspection (includes, if necessary, cleaning,
adjustment, lubrication and change)

S1

Every 100-500 hours / at least every 12 months ⁽¹⁾	
Engine Oil and Oil Filters / By-pass filter	R

1) Oil change intervals vary, depending on oil grade, sulfur content of the fuel and running conditions.

S2

Oil Analysis	
See dealers recommendation for oil analysis interval.	I

S3

After the first 1000 hours	
Valve clearance	I

A

Every 500 hours /		At least every (month)		
		12	24	48
Inspection with VODIA (Diagnostic Tool) ⁽¹⁾	I	•		
Coolant level and antifreeze mixture	I	•		
Drive belts, belt tensioner and idler wheels	I	•		
Batteries, electrolyte level	I	•		
Air Filter	I	•		
Fuel pre-filter, draining water / contamination	C	•		
Seawater filter	C	•		
Seawater pump, wear kit, impeller and o-ring	I	•		
Transmission: According to manufacturers recommendations	I	•		
Anode - Propeller / Propellershaft	R	•		
Propellershaft seal. (Lubrication of shaft splines)	I	•		
Crankcase ventilation filter	R	•		
Start and warm up engine				
Engine and transmission, abnormal noises	I	•		
Engine and transmission, oil / fuel / water leakage	I	•		

1) Readout if any fault codes and LVD

B

Every 1000 hours /		At least every (month)		
		12	24	48
Fuel pre-filter, filter insert	R	•		
Fuel fine filter	R	•		
Air Filter	R	•		
Impeller in seawater pump	R	•		
Anodes - Charge air cooler and / or Heat exchanger. (Must not be painted)	R	•		
Engine and transmission, inspect hoses and cable clamping	I	•		
Engine and transmission, cleaning / painting	I	•		

C

Every 2000 hours /		At least every (month)		
		12	24	48
Valve clearance	I			
Drive Belts	R			•
Turbocharger, inspect / clean as required	I		•	

D

Every 3000 hours /		At least every (month)		
		12	24	48
Wear kit in seawater pump	R			

E

Every 8000 hours /		At least every (month)		
		12	24	48
Coolant VCS (yellow) ⁽¹⁾	R			●

1) Different types of coolant must not be mixed with each other.

[illegible]