

# Service Protocol

# VOLVO PENTA

D9A2A MH, D9A2B, D9A2D, D9A2J, D9A2J MH, D9A2K

**D9-425: Rating 3** D9A2J MH  
**D9-500: Rating 4** D9A2K MP **Rating 5** D9A2K MP  
**D9-575: Rating 5** D9A2K MP

<b>Vessel</b>	
<b>Customer</b>	

Engine Hours	Serial number Engine	Serial number Transmission	Chassi ID
<b>Driveline #1</b>			
<b>Driveline #2</b>			
<b>Driveline #3</b>			
<b>Driveline #4</b>			

Warranty repairs

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 .....  
 .....

Campaign No.

.....  
 .....  
 .....  
 .....

Total Labor Hours

.....

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

<b>Every 100-500 hours / at least every 12 months</b> <sup>(1)</sup>	
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

<b>Oil Analysis</b>	
See dealers recommendation for oil analysis interval.	I

### S3

<b>After the first 1000 hours</b>	
Valve clearance	I

**A**

Every 500 hours /		At least every (month)		
		12	24	48
Inspection with VODIA (Diagnostic Tool) <sup>(1)</sup>	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	•		
<b>Start and warm up engine</b>				
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			

