

	Service Protocol	VOLVO PENTA
	TAD1640GE, TAD1640VE-B, TAD1641GE, TAD1641VE, TAD1641VE-B, TAD1642GE, TAD1642VE, TAD1642VE-B, TAD1643VE, TAD1643VE-B, TAD1650GE, TAD1650VE, TAD1650VE-B, TAD1651GE, TAD1660VE, TAD1661VE, TAD1662VE, TAD1670VE, TAD1671VE, TAD1672VE, TWD1643GE, TWD1652GE, TWD1653GE, TWD1663GE	

Application	Conditions for 1000h serviceinterval <ul style="list-style-type: none"> • Approved Volvo Penta oil analysis • Genuine Volvo Penta filters • Oil quality = min VDS3 • Fuel quality= <div> 164X, 165X max 500 ppm sulphur. 166X, 167X (SCR) max 15 ppm sulphur. </div>
Customer	

Engine Hours	Serial number Engine	Chassi ID
Engine #1		

☐ Warranty repairs

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☐ Campaign No.

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Total Labor Hours

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Name

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Signature

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Date

.....

Dealer Stamp

FSI = First Service Inspection
 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)

FSI = First Service Inspection

After the first 100-200 hours ⁽¹⁾	
Inspection with VODIA (Diagnostic Tool) ⁽²⁾	I
Coolant level and antifreeze mixture	I
Drive belts, belt tensioner and idler wheels	I
Air Filter	I
Fuel pre-filter, draining water / contamination	C
Start and warm up engine	
Engine and transmission, abnormal noises	I
Engine and transmission, oil / fuel / water leakage	I

1) Or within 180 days of the date of delivery, or the end of the first season, whichever comes first.

2) Readout if any fault codes and LVD

S1

Every 500/ 1000 hours / at least every 12 month ⁽¹⁾	
Engine Oil and Oil Filters / By-pass filter	R

1) 1000h service intervals require an approved oil analysis. Oil change intervals vary, depending on oil grade and sulfur content of the fuel. Change the filters during each oil change.

S2

Oil Analysis		I
Schedule	<ul style="list-style-type: none"> After the first 500 hours After the first 750 hours Every 1000 hours / at least every 12 month 	
See dealer's information		
SB 17-0-2		

S3

After the first 1000 hours	
Valve clearance	I

A

Every 1000 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	R	•		
Fuel pre-filter, filter insert	R	•		
Fuel fine filter	R	•		
Start and warm up engine				
Engine and transmission, abnormal noises	I	•		
Engine and transmission, oil / fuel / water leakage	I	•		
Engine and transmission, inspect hoses and cable clamping	I	•		
Engine and transmission, cleaning / painting	I	•		

1) Readout if any fault codes and LVD

B

Every 2000 hours /		At least every (month)		
		12	24	48
Valve clearance	I			
Drive Belts	R			•
Air Filter, Tank Breather	R		•	
Air Filter, Compressor (Does not apply to all models.)	R		•	
AdBlue®/DEF filter (Does not apply to all models.)	R		•	
Turbocharger, inspect / clean as required	I		•	

C

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.

Miscellaneous