

Service Protocol

Engine Product Designation
TAD540-42VE

Service activity	Action	
S At 1000 hours		
Valve clearance	Inspection	●
A Every 12 months or 500 hours whichever occurs first		
Check software status	Inspection	●
Engine oil and oil filters / by-pass filter	Replace	●
Coolant level and antifreeze mixture	Inspection	● / ○
Drive belts, belt tensioner and idler wheels	Inspection	● / ○
Air filter	Inspection	● / ○
Fuel pre-filter, draining water / contamination	Clean	● / ○
B Every 12 months or 1000 hours whichever occurs first		
Fuel pre-filter and fuel fine filter	Replace	●
Air filter	Replace	●
C Every 12 months or 1500 hours whichever occurs first		
Crankcase ventilation filter	Replace	●
D1 Every 2000 hours		
Valve clearance	Inspection	●
D2 Every 48 months or 2000 hours whichever occurs first		
Drive belts	Replace	●
Belt Tensioner, Belt Pulley, Idler pulley bearings	Inspection	●
D3 Every 24 months or 2000 hours whichever occurs first		
Air filter, compressor	Replace	● / ○
F Every 48 months or 8000 hours whichever occurs first		
Coolant	Replace	●

● = Service operation is recommended to be performed by a service trained Volvo Penta Business Partner
 ○ = Service operation could be performed by owner/operator