

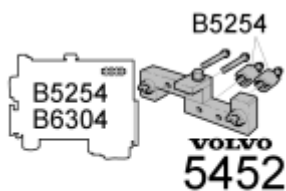
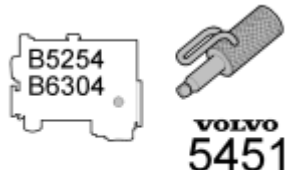
S40 (04-), 2004, B5254T3, AW55-50/51SN, L.H.D



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VVT unit

Special tools	
 B5254 B6304 VOLVO 5452	999 5452 CAMSHAFT ADJUSTMENT TOOL (alignment-camshaft) B6304 Tool number:999 5452 Tool description:CAMSHAFT ADJUSTMENT TOOL (alignment-camshaft)B6304 Tool boards:21
 B5254 B6304 VOLVO 5451	999 5451 ADJUSTMENT TOOL(ALIGNMENT-CRANKSHAFT) B6304 B5254 Tool number:999 5451 Tool description:ADJUSTMENT TOOL(ALIGNMENT-CRANKSHAFT) B6304 B5254 Tool boards:21

Removal

Remove the following items:

- air cleaner (ACL) housing

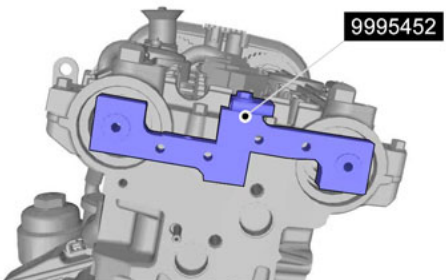
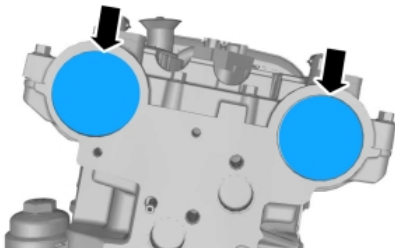
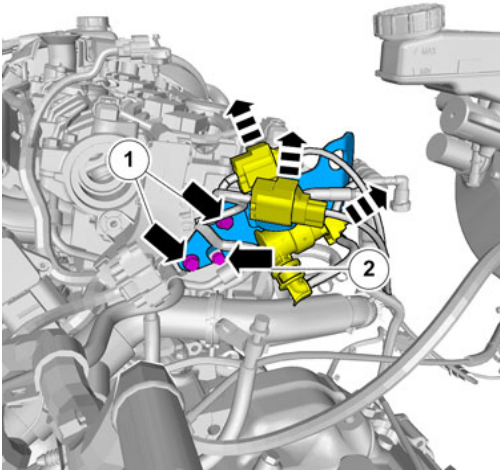
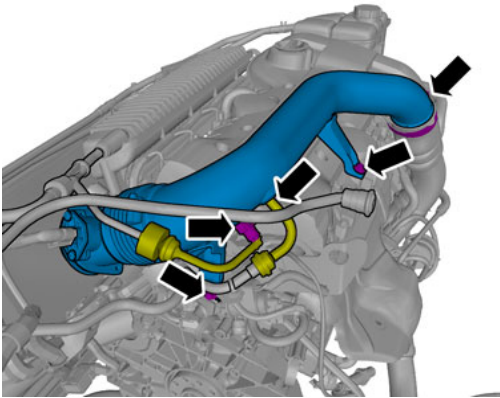
Refer to: Air cleaner housing

- timing belt

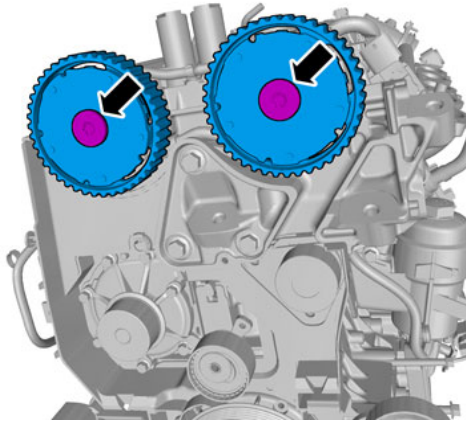
Refer to: Timing belt

- starter motor

Refer to: Starter motor

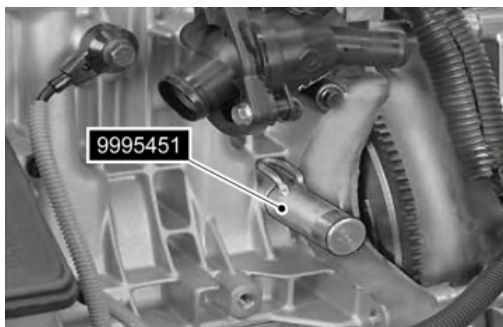
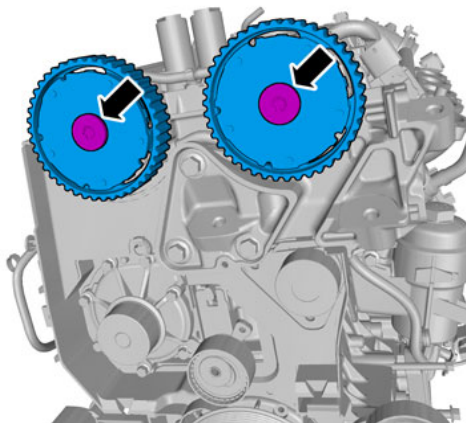


Special Tool: 999 5452



Installation

Note! Only tighten the bolts finger tight at this stage.

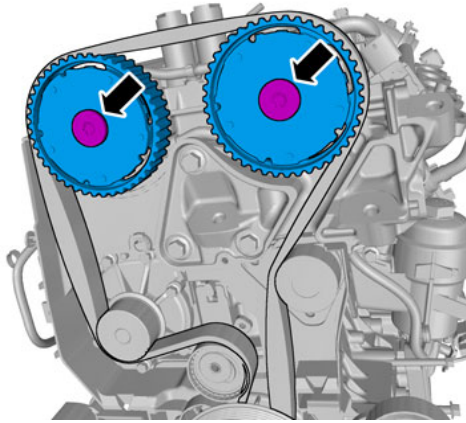


Special Tool: 999 5451

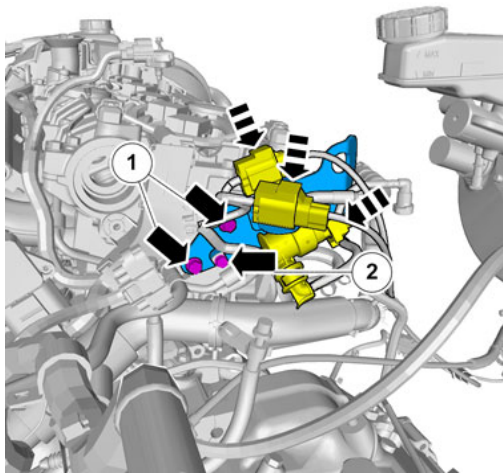
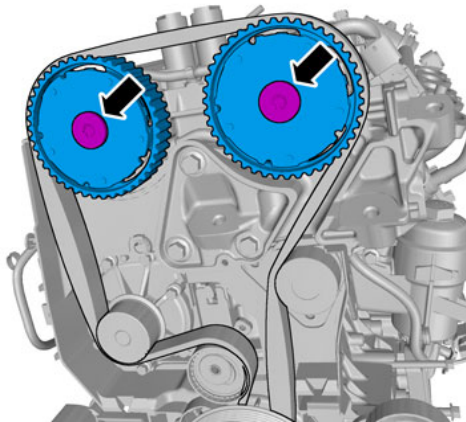
Install timing belt

Refer to: Timing belt

Torque: VVT unit, center screw,
120 Nm



Torque: Plug VVT unit, 35 Nm



1. **Torque:** M10, 50 Nm
2. **Torque:** M6, 10 Nm

Install the following items:

- starter motor

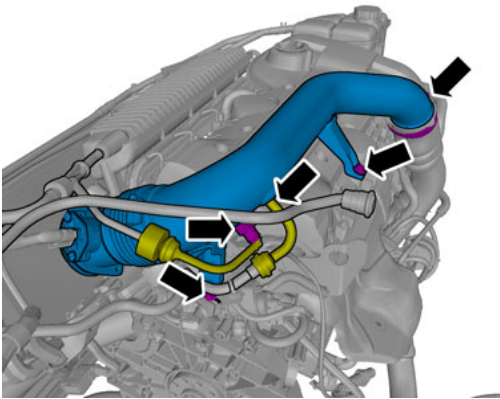
Refer to: Starter motor

- timing belt

Refer to: Timing
belt

Caution! Make sure that the
inside of the pipe ends are clean
and free of oil residue.

Torque: M6, 10 Nm



Install the air filter
housing

Refer to: Air cleaner
housing

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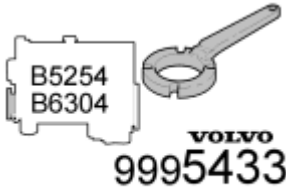


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Operation number:
21552-2

Timing belt

Special tools	
	999 5433 COUNTERHOLD (VIBRATION DAMPENER) B6304 B5254 Tool number:999 5433 Tool description:COUNTERHOLD (VIBRATION DAMPENER) B6304 B5254 Tool boards:21

Removal

Note! Removal steps in this procedure may contain installation details.

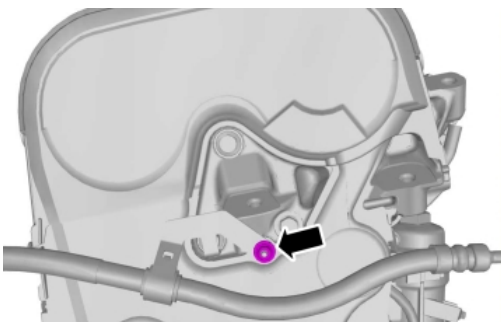
Remove the following items:

- the auxiliaries belt

Refer to:
Accessory Drive Belt

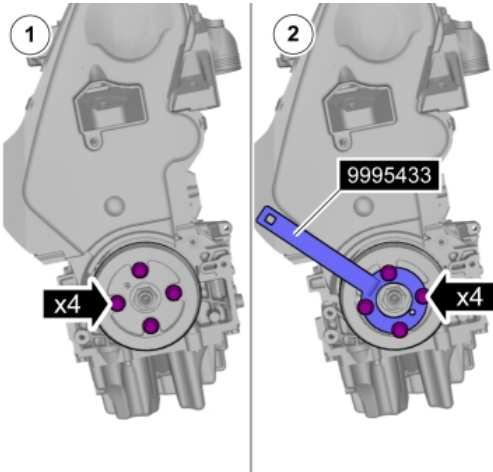
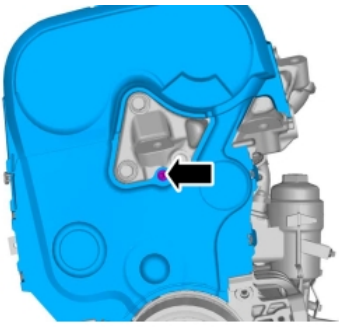
- Engine support insulator, right

Refer to: Engine Pad right

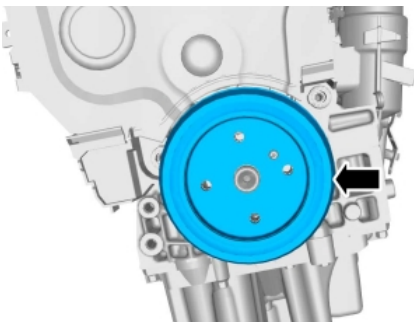
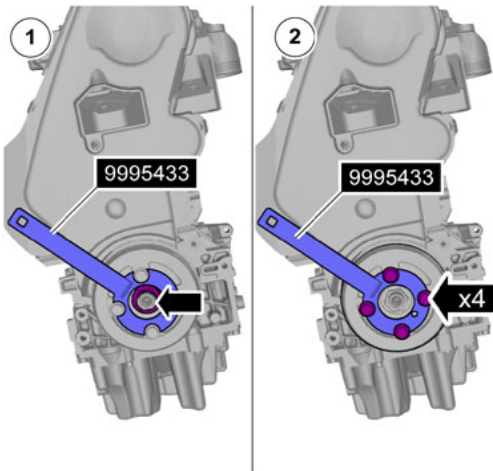


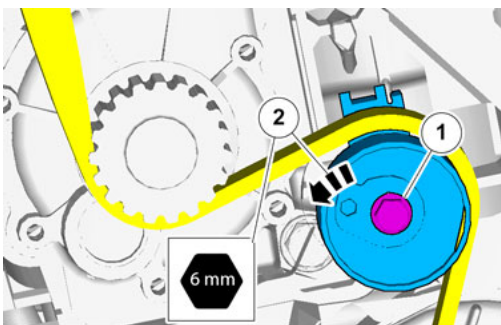
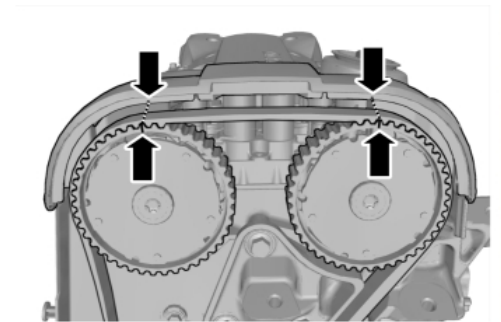
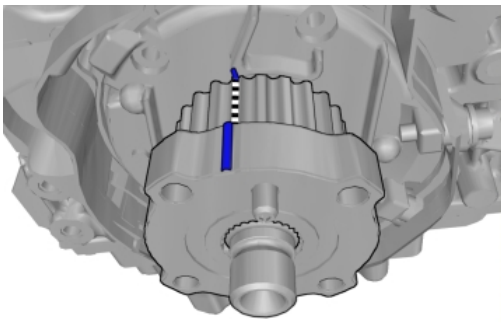
Torque: M6, 10 Nm

Torque: M6, 10 Nm

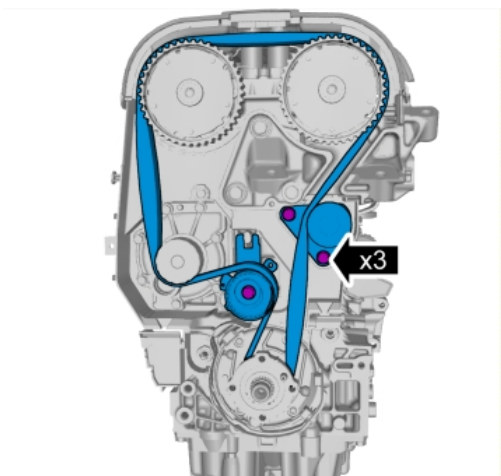


Special Tool: 999 5433





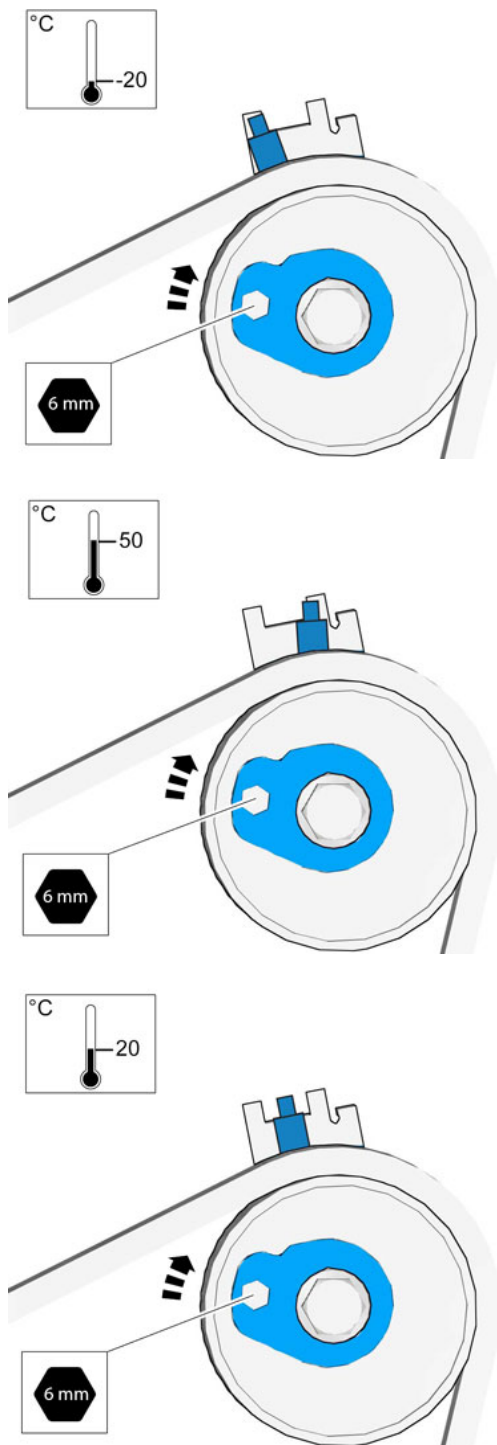
1. **Note! Do not loosen the bolt more than 4 turns.**
2. **Torque:** M8, 24 Nm
3. **Use:** Allen key



Torque: M8, 24 Nm

Installation

Use: Allen key



To install, reverse the removal procedure.

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