

Removing the front timing gear casing

General

Applies to 16 litre motors with XPI and cylinder block generation 2.



WARNING!

- The fuel system has a very high fuel pressure of up to 3,000 bar. The fuel system must be depressurised using SDP3 before any work is started.
- The system should always be treated as pressurised, even when the engine is switched off.
- Wear protective gloves and goggles.



Environment

- Dispose of excess oil in accordance with workshop procedures and local regulations.
- Avoid spillage and use a suitable container. Used coolant must be disposed of as specified in national and international law.

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Work description

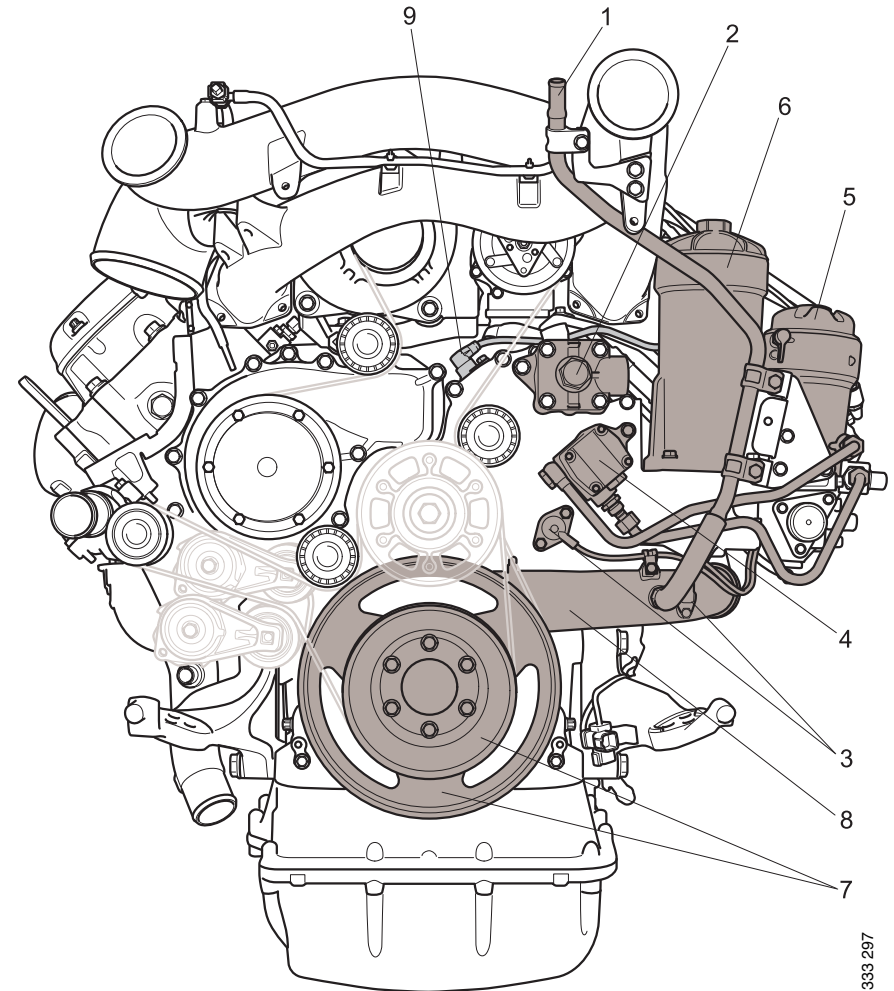
Work description

Preparatory work:

- Wash the engine.
- Drain the coolant.
- Remove the fan.

Then remove the parts in the order below:

1. Coolant pipe
2. Hydraulic pump for power steering
3. Coolant temperature sensor and oil pressure sensor
4. Fuel pipe and feed pump
5. Fuel filter

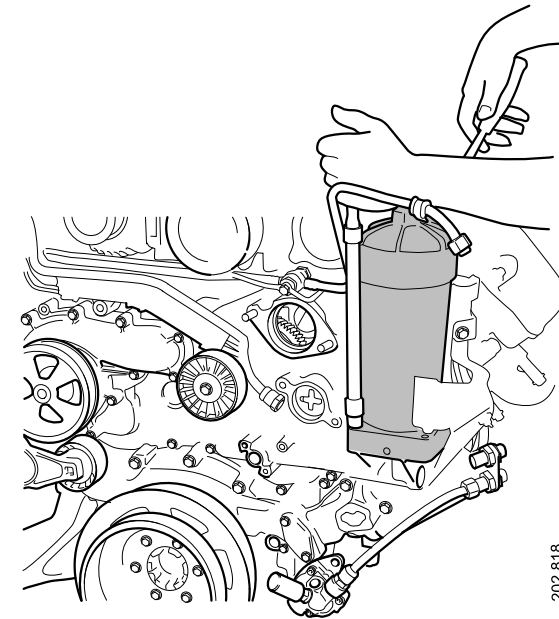


Remove the parts marked in grey.

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Work description

6. Oil filter housing
7. Pulley from crankshaft
8. Coolant pipe
9. Camshaft position sensor



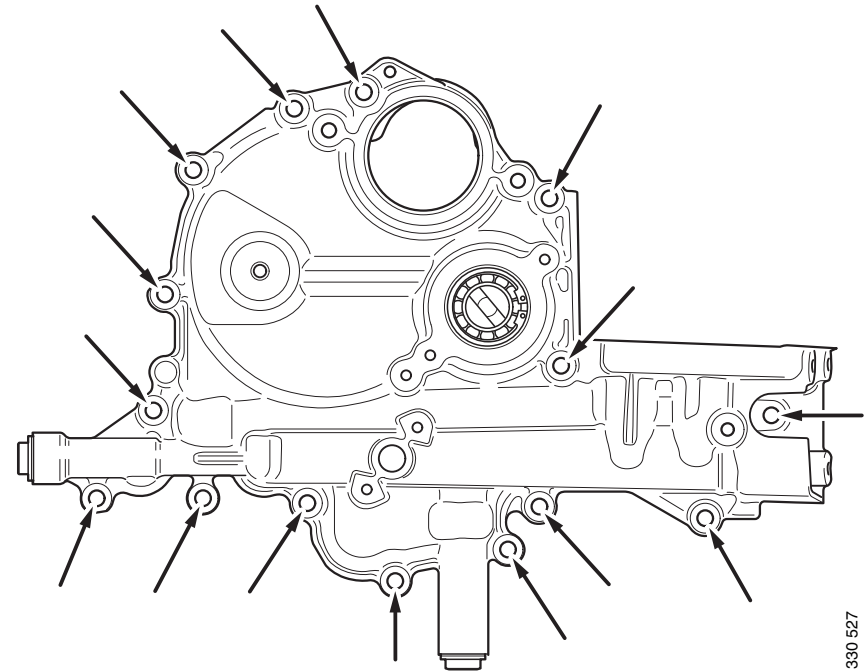
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Oil filter housing

Removing the front timing gear casing

Work description

10. Timing gear casing. See the illustration for the location of the screws



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