

Oil Pressure – Engine Hot – Check (21 113 0)

Workshop Equipment

Oil pressure gauge with quick-release hose connection	GV-2134/1 (Löwener)
Angle connector for pressure test gauge	GV-2134-13 (Löwener)

Materials

Coolant	ESD-M97B-49A
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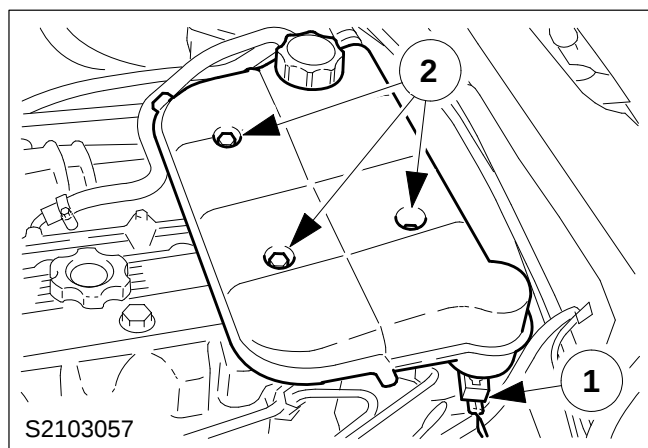
Check

1. General notes.

- The oil pressure depends on several factors (engine speed, oil temperature, oil pump gear backlash etc.).
- The checks should be carried out at an oil temperature of 100°C.

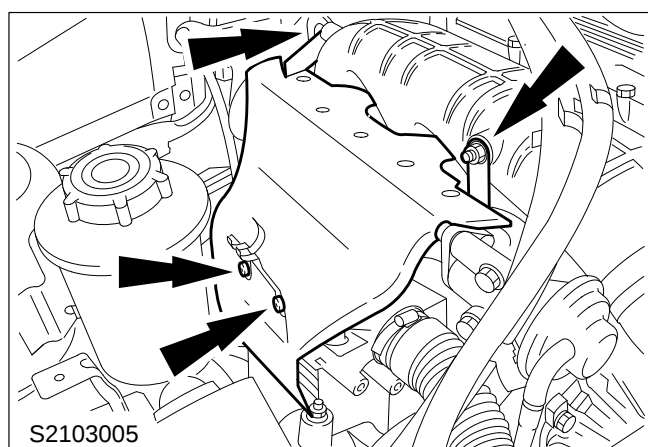
2. Detach the coolant expansion tank and place it to one side.

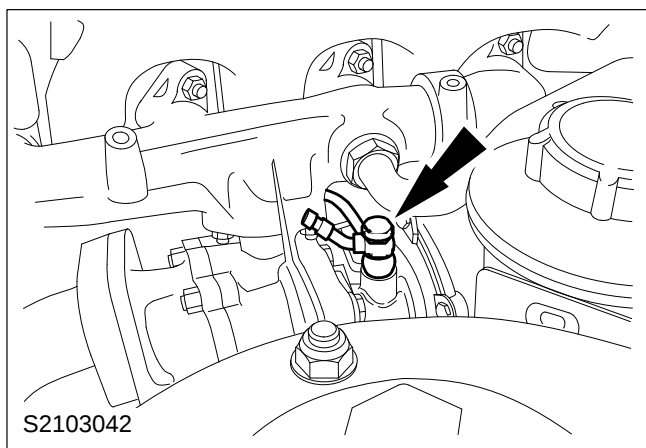
- 1 Disconnect the plugs.
- 2 Remove the bolts.



3. Remove the turbocharger heat shield.

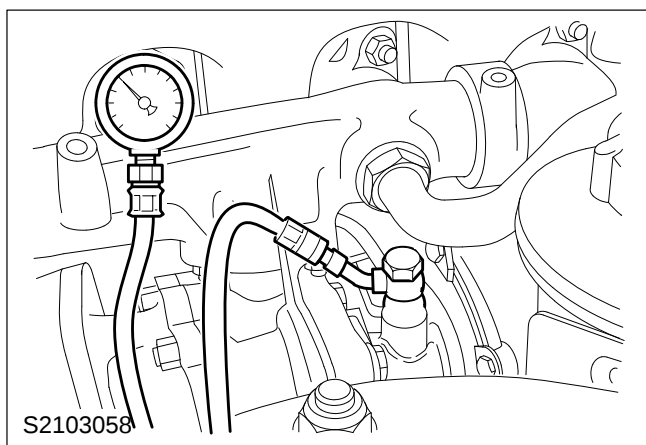
Unclip the hoses.





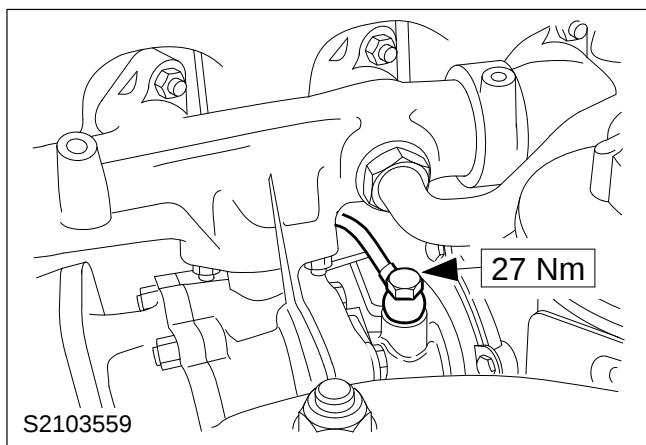
4. Fit the angled connector to the turbocharger oil feed pipe.

Connect the angled connector and oil feed pipe using a banjo bolt and sealing washers.



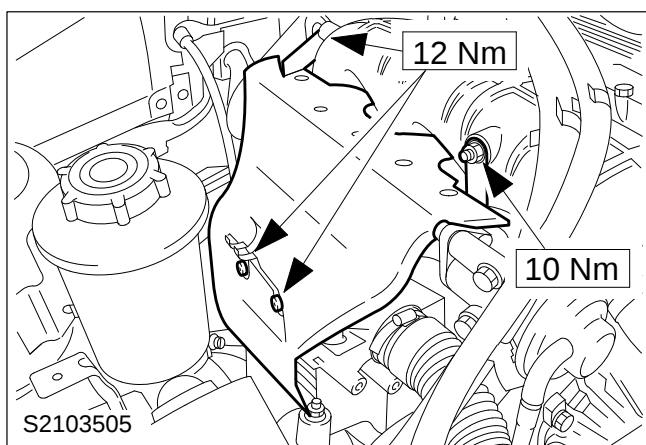
5. Check the oil pressure.

- Connect the pressure gauge to the angle connector.
- Measure the oil pressure at idle speed and at 4000 rev/min.
- Disconnect the pressure gauge from the angled connector.



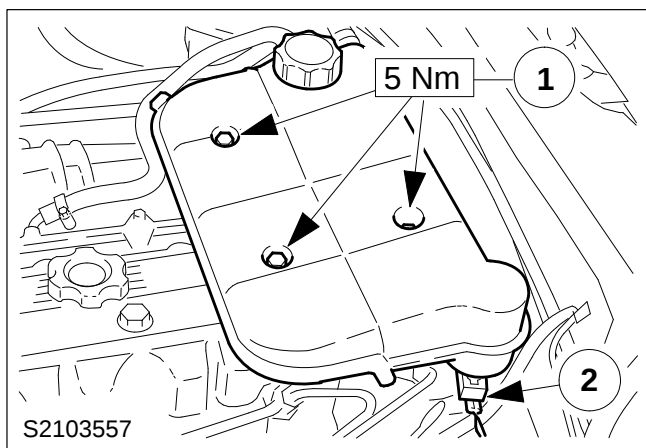
6. Fit the turbocharger oil feed pipe.

- Detach the angled connector.
- Fit the oil feed pipe using new sealing washers.



7. Attach the turbocharger heat shield.

Clip the hoses in place.

**8. Fit the coolant expansion tank.**

1 Tighten the bolts.

2 Connect the plugs.

If necessary top up with coolant.