

D4F, and 784

Tightening torques

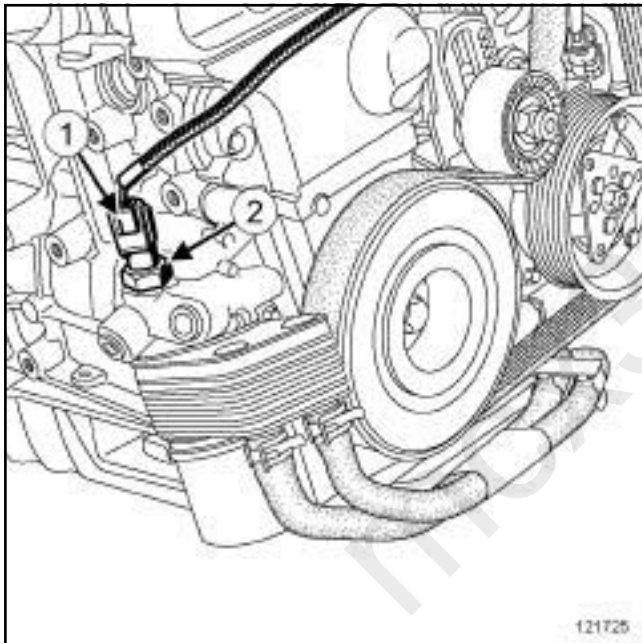
oil pressure sensor	35 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02A, Lifting equipment).
- ☐ Remove the front engine cover.

II - OPERATION FOR REMOVAL OF PART CONCERNED



121725

- ☐ Disconnect the oil pressure sensor connector (1) .
- ☐ Remove the oil pressure sensor (2) .

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the oil pressure sensor.
- ☐ Torque tighten the **oil pressure sensor (35 Nm)**.
- ☐ Connect the oil pressure sensor connector.

II - FINAL OPERATION.

- ☐ Refit the engine undertray.

Oil level sensor: Removal - Refitting

D4F, and 740 or 742 or 764

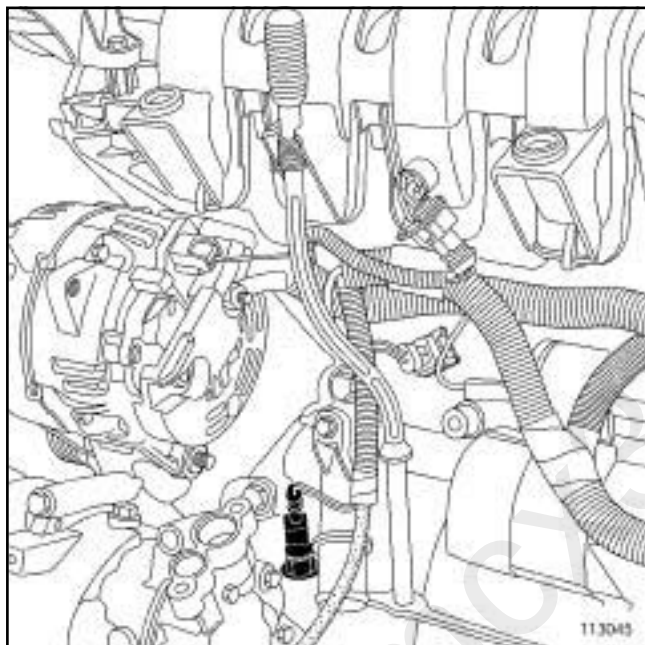
Tightening torques

oil level sensor	30 ± 5 N.m
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Move the air inlet hose to one side.



113045

- ☐ Disconnect the connector from the oil level sensor.

II - OPERATION FOR REMOVAL OF PART CONCERNED

- ☐ Remove the oil level sensor.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the oil level sensor.
- ☐ Torque tighten the **oil level sensor (30 ± 5 N.m)**.

II - FINAL OPERATION.

- ☐ Connect the connector to the oil level sensor.
- ☐ Refit the air intake sleeve.

- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).

Oil level sensor: Removal - Refitting

K9K

Tightening torques

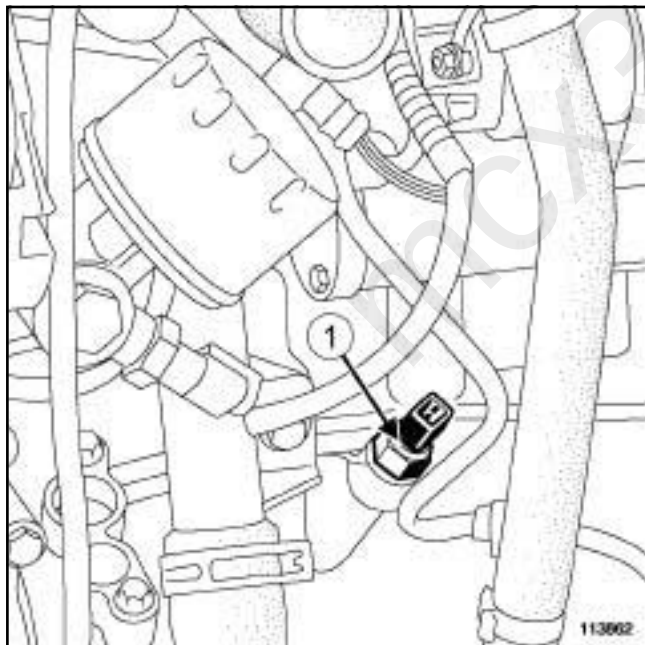
oil level sensor	25 N.m
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02A, Lifting equipment).
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove the engine undertray.
- ☐ Unclip the water hose from the engine cooling fan support.
- ☐ Separate the regulation solenoid valve from the turbocharger (if equipped).

II - OPERATION FOR REMOVAL OF PART CONCERNED



113862

- ☐ Disconnect the connector from the oil level sensor.
- ☐ Remove the oil level sensor (1) .

REFITTING

I - REFITTING PART CONCERNED

- ☐ Refit the oil level sensor.

- ☐ Tighten to torque the **oil level sensor (25 N.m)**.

- ☐ Connect the connector to the oil level sensor.

II - FINAL OPERATION

- ☐ Clip the hose onto the engine cooling fan support.
- ☐ Fit the turbocharger regulation solenoid valve (if equipped).
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Refit the engine undertray.

Oil level sensor: Removal - Refitting

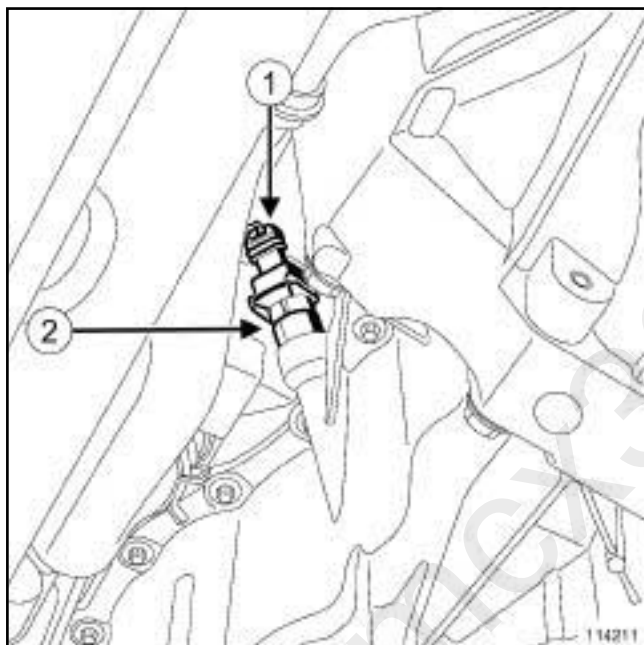
K4J or K4M

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Put the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) .
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) .
- ☐ Unpick the engine radiator bottom hose.
- ☐ Move the bottom hose to the side without forcing it.

II - OPERATION FOR REMOVAL OF PART CONCERNED



114211

- ☐ Disconnect the connector (1) from the oil level sensor.
- ☐ Remove the oil level sensor (2) .

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Clean the grease off the support area of the oil level sensor on the cylinder block.
- ☐ Refit the oil level sensor.
- ☐ Connect the connector to the oil level sensor.

II - FINAL OPERATION

- ☐ Clip the engine radiator bottom hose into place.

- ☐ Connect the battery (see **Battery: Removal - Refitting**) .

Oil level sensor: Removal - Refitting

M4R

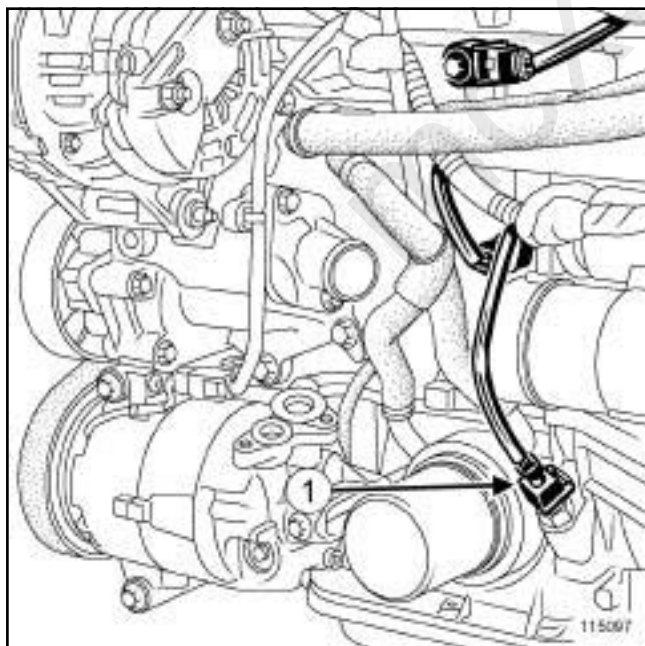
Tightening torques

oil level sensor	20 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02A, Lifting equipment).
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove:
 - the engine undertray,
 - the front bumper (see **Front bumper: Removal - Refitting**) (MR 393, 55A, Exterior protection),
 - the frontal impact cross member (see **Front impact cross member: Removal - Refitting**) (MR 393, 41A, Front lower structure),
 - the front end panel air resonator (see **12A, Fuel mixture, Air resonator: Removal - Refitting, page 12A-10**).



115097

- ☐ Disconnect the connector (1) from the oil level sensor.

II - REMOVAL OF PART CONCERNED

- ☐ Remove the oil level sensor.

REFITTING

I - REFITTING PART CONCERNED

- ☐ Refit a new seal onto the new oil level sensor.
- ☐ Tighten to torque the **oil level sensor (20 Nm)**.

II - FINAL OPERATION.

- ☐ Connect the connector to the oil level sensor.
- ☐ Refit:
 - the front end panel air resonator (see **12A, Fuel mixture, Air resonator: Removal - Refitting, page 12A-10**),
 - the frontal impact cross member (see **Front impact cross member: Removal - Refitting**) (MR 393, 41A, Front lower structure),
 - the front bumper (see **Front bumper: Removal - Refitting**) (MR 393, 55A, Exterior protection),
 - the engine undertray.
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).

Oil level sensor: Removal - Refitting

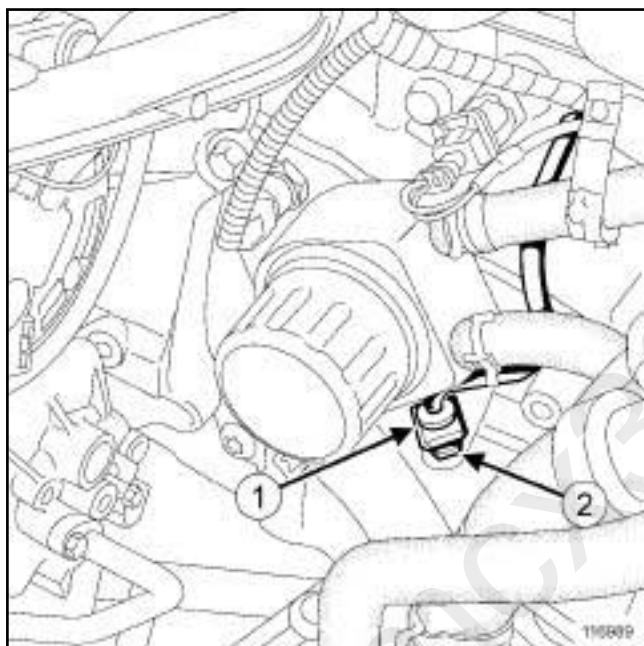
F4R

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02A, Lifting equipment).
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove the engine undertray.

II - OPERATION FOR REMOVAL OF PART CONCERNED



116989

- ☐ Disconnect the connector (1) from the oil level sensor.
- ☐ Remove the oil level sensor (2) using an open-jawed spanner.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the oil level sensor.
- ☐ Connect the connector to the oil level sensor.

II - FINAL OPERATION.

- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Start the engine to check that there are no leaks.

- ☐ Refit the engine undertray.