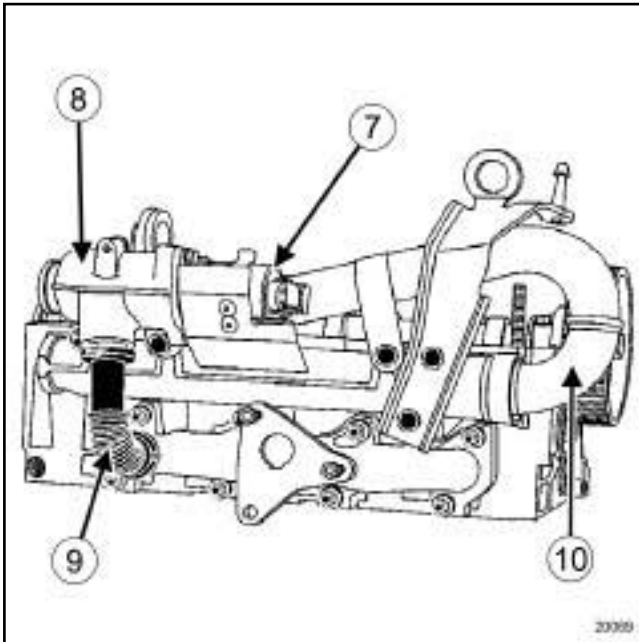


K9K

K9K, and 750 or 752



20069

- (7) Exhaust gas recirculation solenoid valve
- (8) Exhaust gas recirculation mounting
- (9) Rigid exhaust gas recirculation pipe
- (10) Air inlet metal tube

Exhaust gas recirculation solenoid valve: Removal - Refitting

K9K, and 764 or 766 or 768

Special tooling required

Mot. 1729 Spanner for removing the EGR valve.

Equipment required

Diagnostic tool

Tightening torques

exhaust gas recirculation solenoid valve mounting bolts **10 N.m**

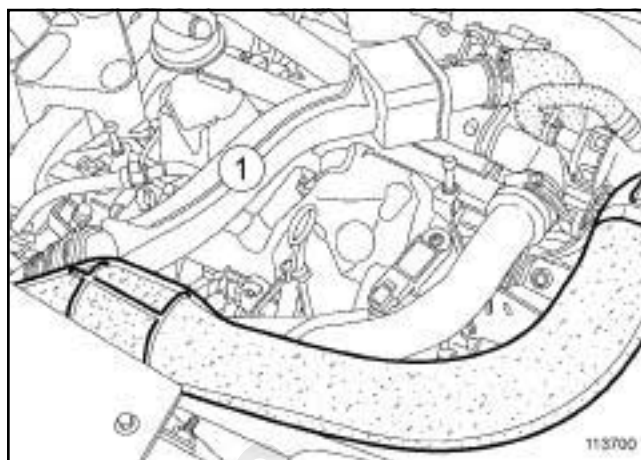
nut mounting the inter-cooler air inlet pipe on the alternator **8 N.m**

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 scuttle panel grille (see **Scuttle panel grille: Removal - Refitting**) (MR 393, 56A, Exterior equipment).

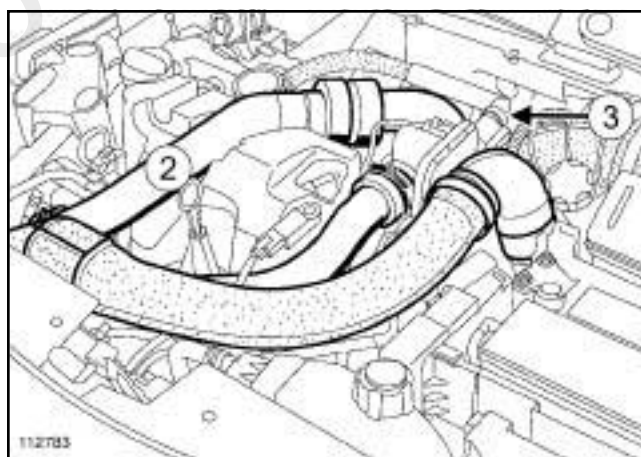
K9K, and 766 or 768



113700

- ☐ Remove the air duct (1) between the intercooler and the turbocharger.

K9K, and 764

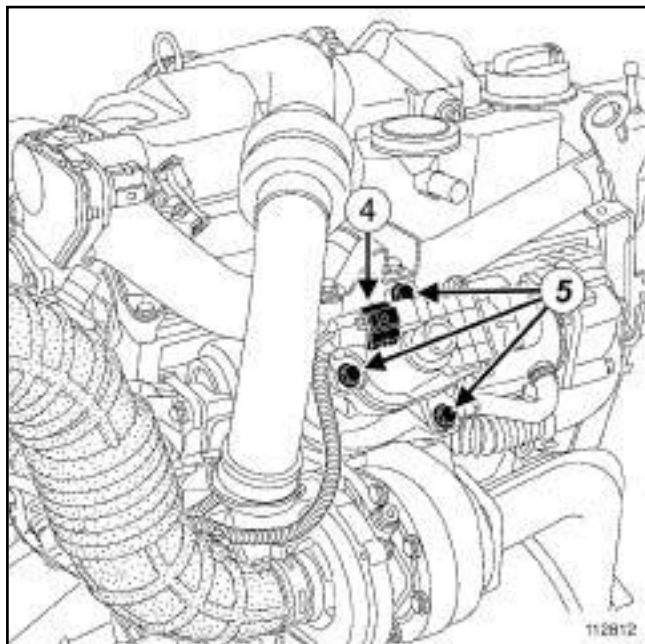


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- ☐ Remove the air duct (2) between the intercooler and the turbocharger.
- ☐ Disconnect the oil vapour rebreathing pipe at (3) and move it aside.

K9K, and 764 or 766 or 768

II - REMOVAL OF PART CONCERNED



112812

- ☐ Disconnect the connector (4) from the exhaust gas recirculation solenoid valve.
- ☐ Remove:
 - the exhaust gas recirculation solenoid valve mounting bolts (5) ,
 - the exhaust gas recirculation solenoid valve, using the tool (**Mot. 1729**),
 - the seal of the exhaust gas recirculation solenoid valve.

Note:

During removal of the solenoid valve using the (**Mot. 1729**), proceed slowly until the solenoid valve is loosened from its support to remove it.

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Always replace the seal of the exhaust gas recirculation solenoid valve.

II - REFITTING PART CONCERNED

- ☐ Offer up the exhaust gas recirculation solenoid valve with a new seal.
- ☐ Torque tighten the **exhaust gas recirculation solenoid valve mounting bolts (10 N.m)**.

III - FINAL OPERATION

K9K, and 764

- ☐ Reconnect the oil vapour rebreathing pipe.
- ☐ Loosen the mounting nut of the air pipe at the inter-cooler inlet on the alternator.
- ☐ Fit the air duct between the turbocharger and the inter-cooler air inlet pipe.
- ☐ Lock the air duct onto the turbocharger and the inter-cooler inlet air pipe.
- ☐ Tighten the bolt of the air duct on the rocker cover.
- ☐ Torque tighten the **nut mounting the intercooler air inlet pipe on the alternator (8 N.m)**.
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).

Note:

If replacing the exhaust gas recirculation solenoid valve, perform the necessary programming (see **MR394, Section 13B, Fault finding - Replacement of components**).

- ☐ Before restarting the engine, use the **Diagnostic tool** to clear any faults stored by the injection computer.

Exhaust gas recirculation solenoid valve: Removal - Refitting

K9K, and 750 or 752

Tightening torques

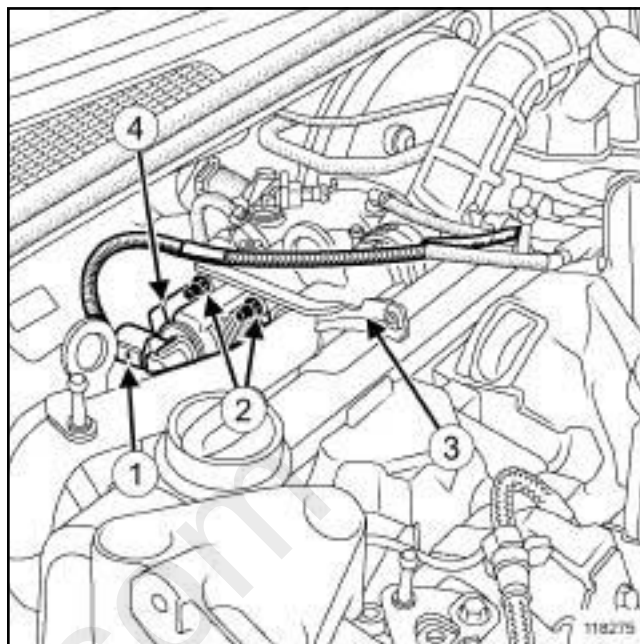
EGR solenoid valve studs	4 N.m
EGR solenoid valve heat shield bolt	12 N.m
nuts for the strut on the EGR solenoid valve	12 N.m

REMOVAL

I - REMOVAL PREPARATION OPERATION

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

II - OPERATION FOR REMOVAL OF PART CONCERNED



118275

- ☐ Disconnect the connector (1) from the EGR solenoid valve.
- ☐ Remove:
 - the nuts (2) from the strut on the EGR solenoid valve,
 - the strut (3) on the EGR solenoid valve,
 - the bolt from the EGR solenoid valve heat shield,
 - the heat shield (4) from the EGR solenoid valve,
 - the EGR solenoid valve,
 - the seal between the EGR solenoid valve and the EGR solenoid valve mounting.

Note:

Clean the exhaust gas recirculation solenoid valve if it is reinitialised (see **Exhaust gas recirculation solenoid valve: Cleaning**) (Technical Note 3916A, 14A, Emission control).

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Always replace the seal between the EGR solenoid valve and the EGR solenoid valve mounting.