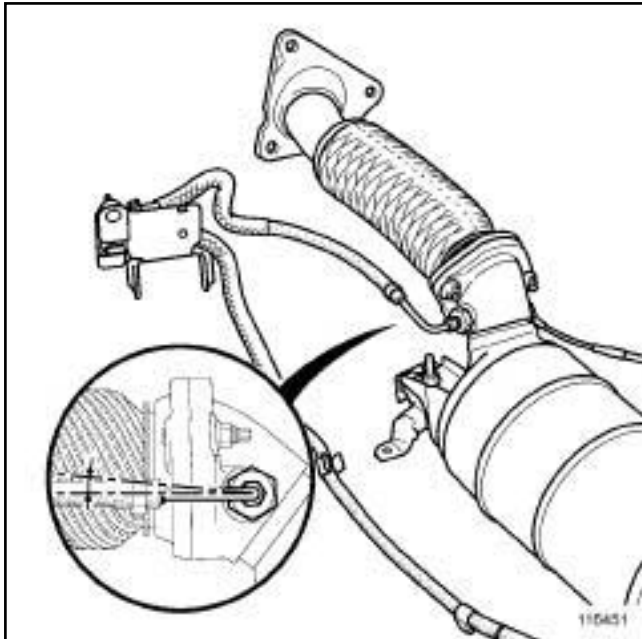
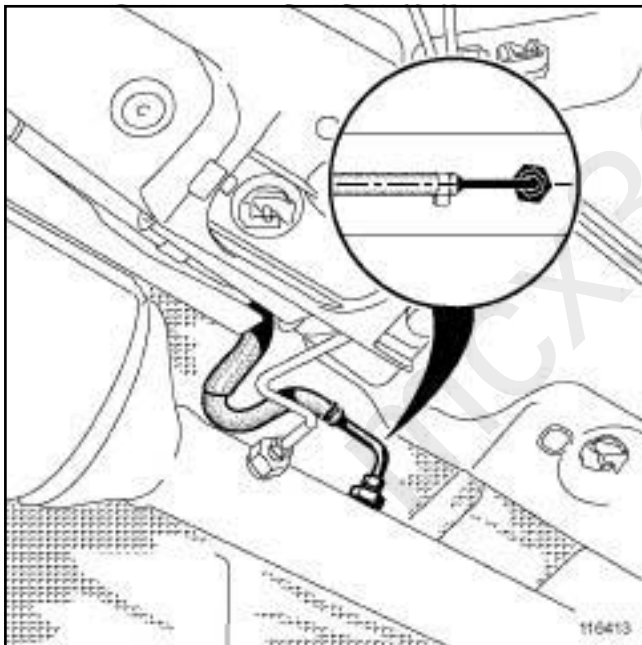


Particle filter pressure sensor: Removal - Refitting

K9K, and 772



116451



116413

- ☐ Refit the downstream pressure measurement connection bolted to the exhaust pipe, observing an angle of **+3°** for the rigid section relative to the exhaust pipe.
- ☐ Torque tighten the **downstream pressure measurement connection union on its adapter (21 N.m)**, maintaining the angle of the rigid section.
- ☐ Refit the upstream pressure measurement connection bolted to the exhaust pipe, observing an angle of **+3°** for the rigid section relative to the exhaust pipe.
- ☐ Torque tighten the **upstream pressure measure-**

ment connection union on its adapter (21 N.m), maintaining the angle of the rigid section.

III - FINAL OPERATION

- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Before starting the engine, use the **Diagnostic tool** to clear any faults stored by the injection computer.
- ☐ Refit:
 - the engine undertray,
 - the engine cover.

K9K, and 772

Equipment required

Diagnostic tool

Tightening torques

adapter	44 N.m
catalytic converter upstream temperature sensor	30 N.m
particle filter upstream temperature sensor	21 N.m
particle filter downstream temperature sensor	30 N.m

The particle filter must be removed in order to remove the catalytic converter upstream temperature sensor.

REMOVAL**I - REMOVAL PREPARATION OPERATION**

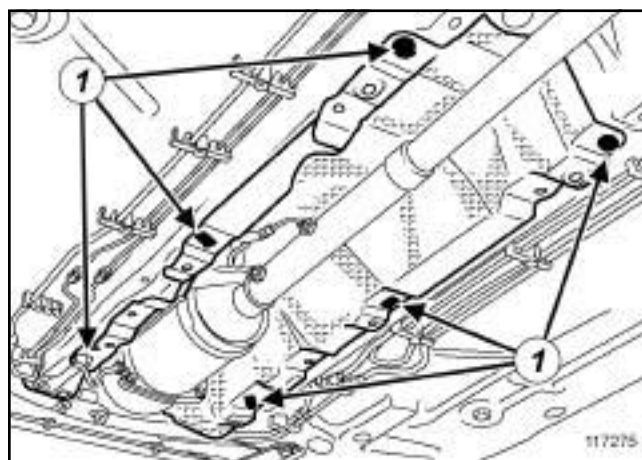
- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02, Lifting equipment).
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove:
 - the engine cover,
 - the engine undertray.

II - OPERATION FOR REMOVAL OF PART CONCERNED**1 - Catalytic converter upstream temperature sensor**

- ☐ Remove the particle filter (see **19B, Exhaust, Particle filter: Removal - Refitting**, page 19B-54) .
- ☐ Remove the catalytic converter upstream temperature sensor from its adapter bolted to the exhaust pipe.

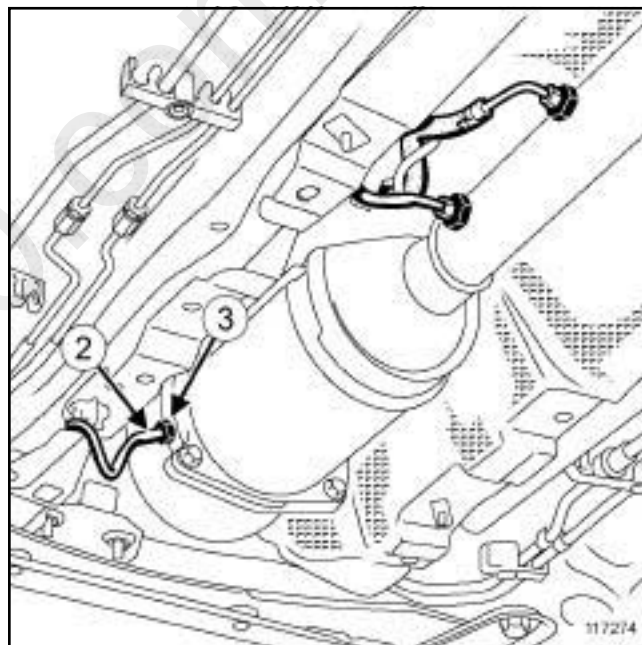
WARNING

When removing the particle filter temperature sensor, the adapter must be held with a lock wrench.

2 - Particle filter upstream temperature sensor

117275

- ☐ Remove the heat shield clips (1)



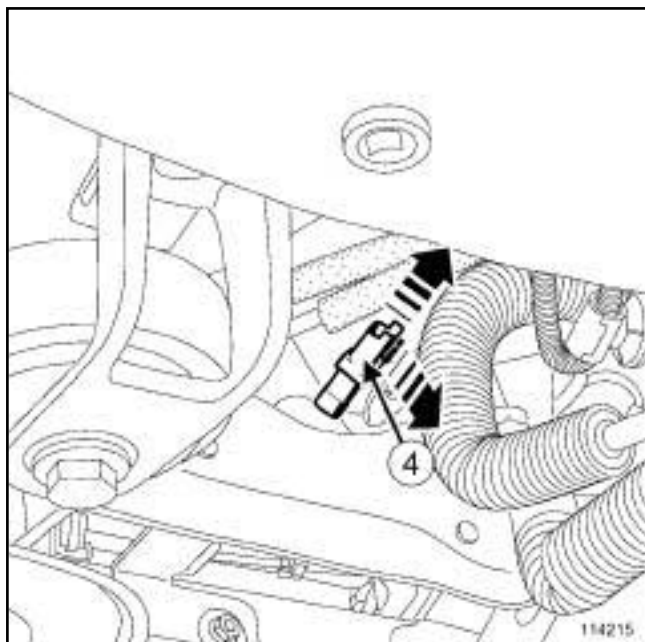
117274

- ☐ Remove the particle filter upstream temperature sensor (2) from its adapter (3) bolted to the exhaust pipe.

WARNING

When removing the particle filter temperature sensor, the adapter must be held with a lock wrench.

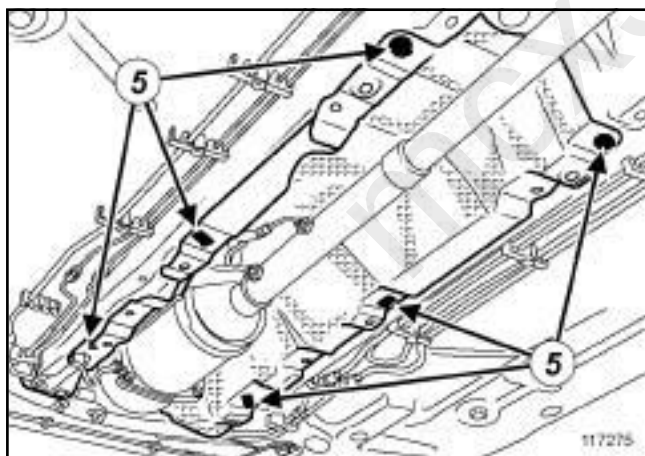
K9K, and 772



114215

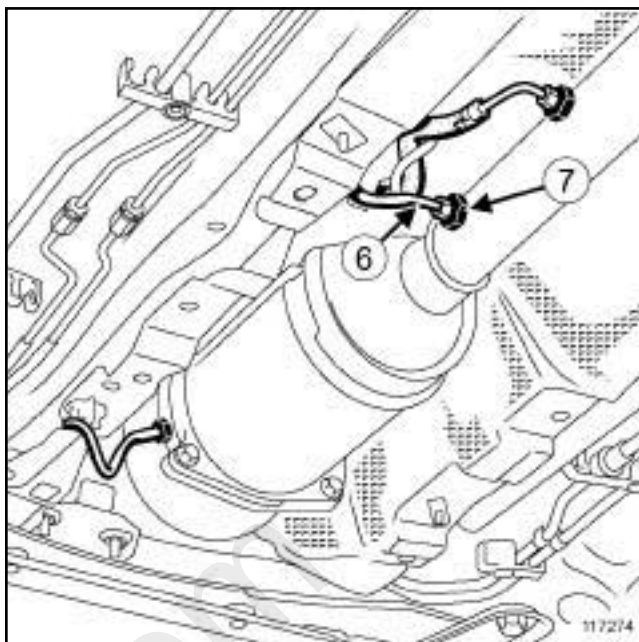
- ☐ Disconnect the green connector from the temperature sensor.
- ☐ Remove the particle filter upstream temperature sensor.

3 - Particle filter downstream temperature sensor



117275

- ☐ Remove the heat shield clips (5)



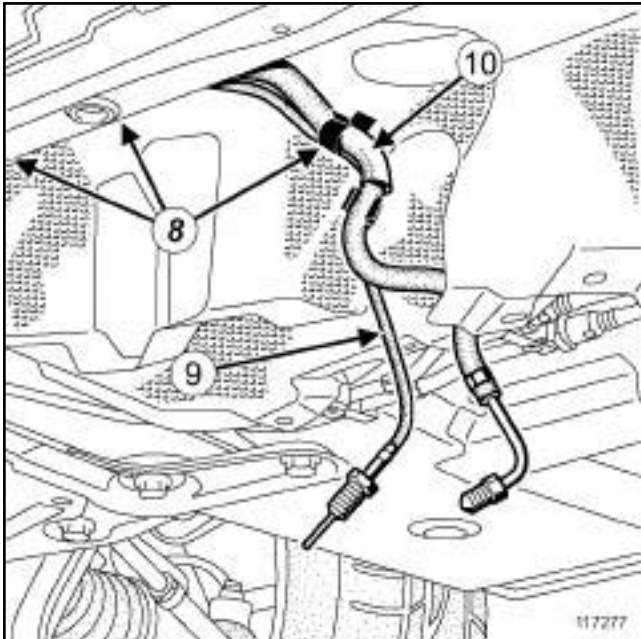
117274

- ☐ Remove the particle filter downstream temperature sensor (6) from its adapter (7) bolted to the exhaust pipe.

WARNING

When removing the particle filter temperature sensor, the adapter must be held with a lock wrench.

K9K, and 772

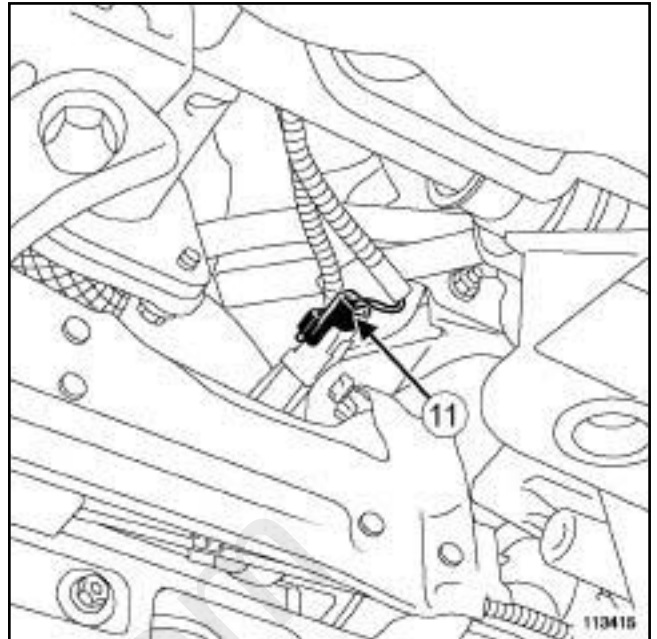


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- ❑ Detach the temperature sensor wiring harness (8) from the heat shield at (9), moving the heat shield aside.

Note:

It may be necessary to detach the downstream pressure measurement connection (10) so as not to damage the temperature sensor wiring harness.



113415

- ❑ Disconnect the black connector (11) from the temperature sensor.
- ❑ Remove the particle filter downstream temperature sensor.

REFITTING**I - REFITTING PREPARATION OPERATION**

❑

WARNING

Always replace any adapter that has been removed from the exhaust pipe.

In the event of replacement, torque tighten the adapter (44 N.m).

- ❑ Coat the temperature sensor threading with **ANTI-SEIZE COPPER GREASE** or **COPPER-ALUMINIUM LUBRICANT**.

WARNING

Make sure that the grease does not run over the threading.