

Particle filter: Removal - Refitting

K9K, and 772

☐ Refit:

- the downstream temperature sensor,
- the temperature sensor between the catalytic converter and the particle filter,
- the downstream pressure measurement connection on its adapter bolted to the exhaust pipe,
- the upstream pressure measurement connection on its adapter bolted to the exhaust pipe.

- ☐
- Connect the upstream temperature sensor connector.

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.
- ☐ If replacing the particle filter, reinitialise the particle filter parameters (see **Fault finding - Replacement of components**) (MR 394, 13B, Diesel injection).

Particle filter pressure sensor: Removal - Refitting

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Equipment required

Diagnostic tool

Tightening torques

adapter	44 N.m
downstream pressure measurement connection union on its adapter	21 N.m
upstream pressure measurement connection union on its adapter	21 N.m

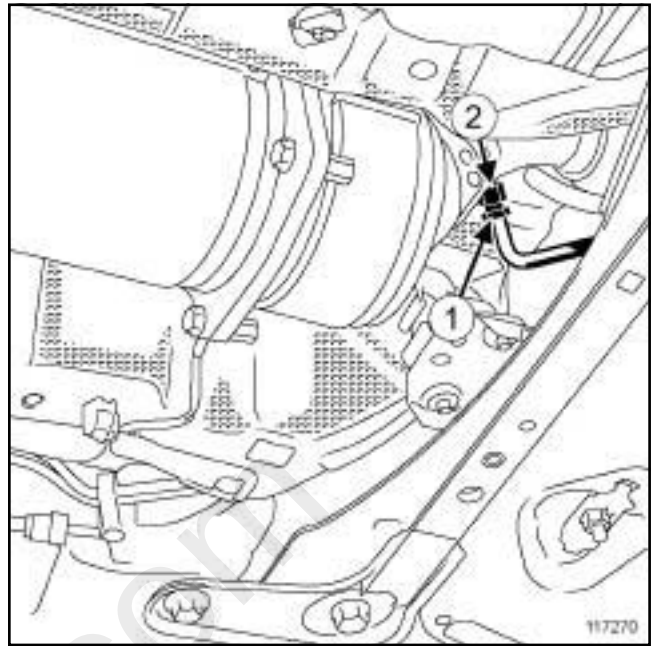
The pressure measurement circuit must only ever be opened at the adapters on the exhaust pipe.

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.

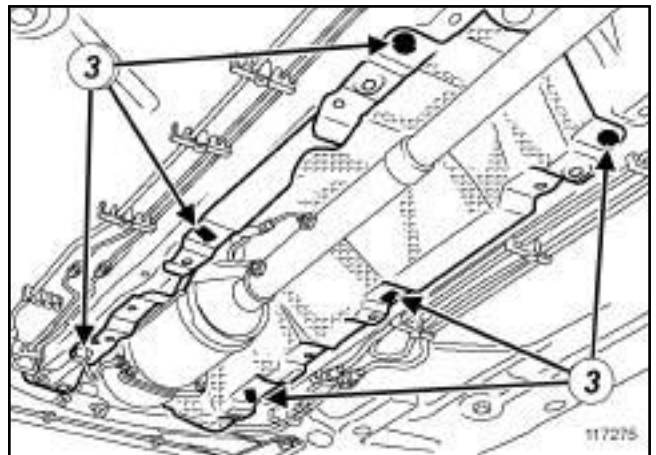
II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Remove the upstream pressure measurement connection (1) from its adapter (2) bolted to the exhaust pipe.

WARNING

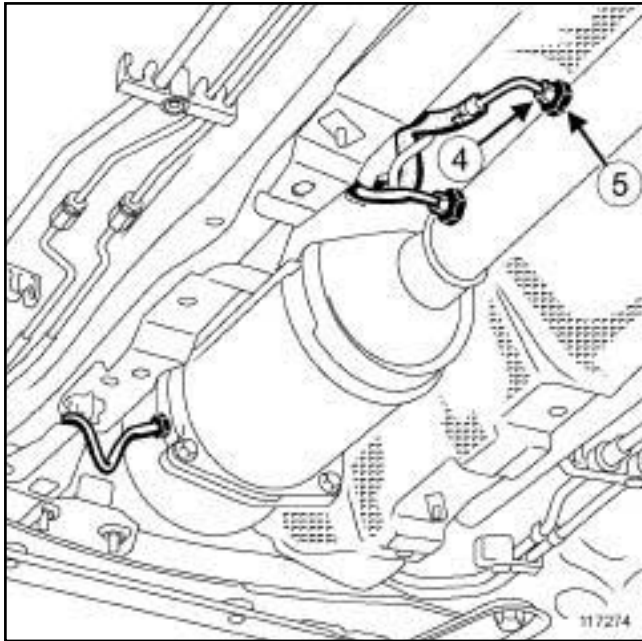
When the pressure measurement connection is removed, the adapter must be held with a lock spanner.



- ☐ Remove the clips (3) from the heat shield.

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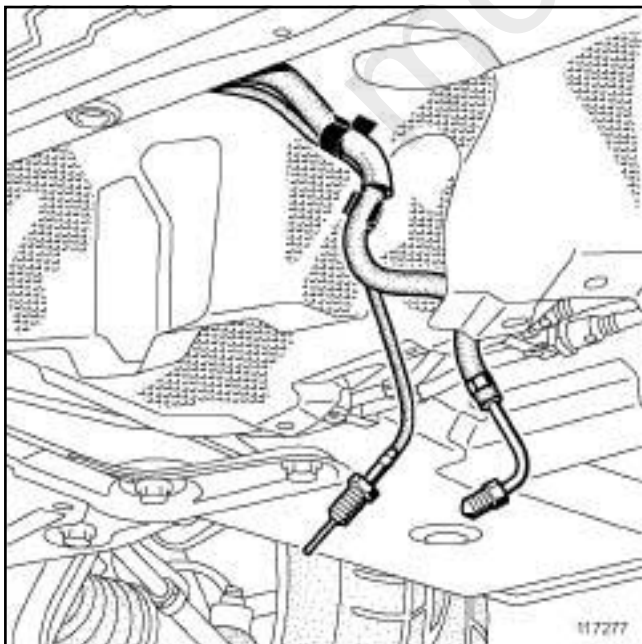


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- ❑ Remove the downstream pressure measurement connection (4) from its adapter (5) bolted onto the exhaust pipe.

WARNING

When the pressure measurement connection is removed, the adapter must be held with a lock spanner.



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- ❑ Detach the downstream pressure measurement connection from the heat shield.

- ❑ Remove:

- the pressure sensor nut on the steering box,
- the pressure sensor equipped with its upstream and downstream pressure measurement connections.

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.

II - REFITTING OPERATION FOR PART CONCERNED

- ❑ Refit:

- the pressure sensor equipped with its upstream and downstream pressure measurement connections.
- the pressure sensor nut.
- ❑ Clip the downstream pressure measurement connection on the heat shield.