

EXHAUST

Silencer: Removal - Refitting

19B

EQUIPMENT LEVEL EAG

- the **exhaust sleeve (25 N.m)** whilst supporting the exhaust pipe.

II - FINAL OPERATION

☐ Check:

- that all the exhaust pipe heat shields are in place and properly attached,
- that there is no contact with the underbody,
- that there are no leaks.

EXHAUST

Particle filter: Removal - Refitting

19B

K9K, and 772

Special tooling required

Mot. 1199-01 Exhaust pipe cutter (diameter 35/50 mm and diameter 50/65mm). Complete kit in a case.

Equipment required

Diagnostic tool

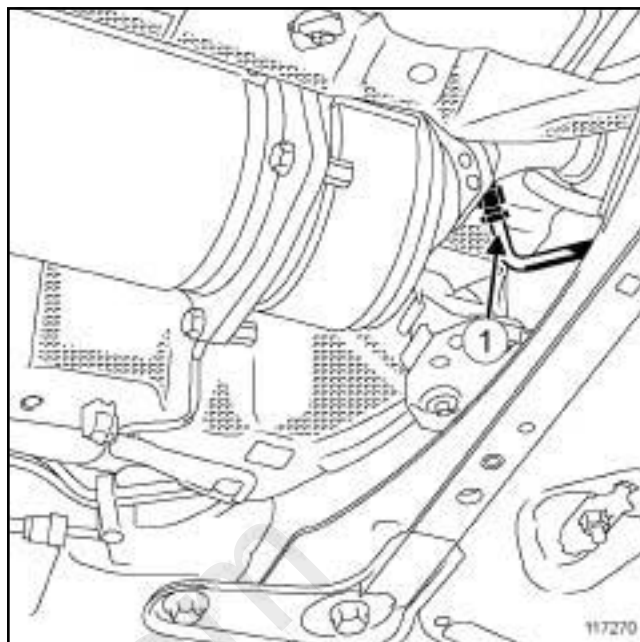
REMOVAL

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 undertray.

II - OPERATION FOR REMOVAL OF PART CONCERNED

- ☐ Disconnect the blue connector from the upstream temperature sensor on the steering rack.
- ☐ Remove:
 - the downstream temperature sensor from its adapter on the exhaust pipe.
 - the temperature sensor between the catalytic converter and the particle filter,



117270

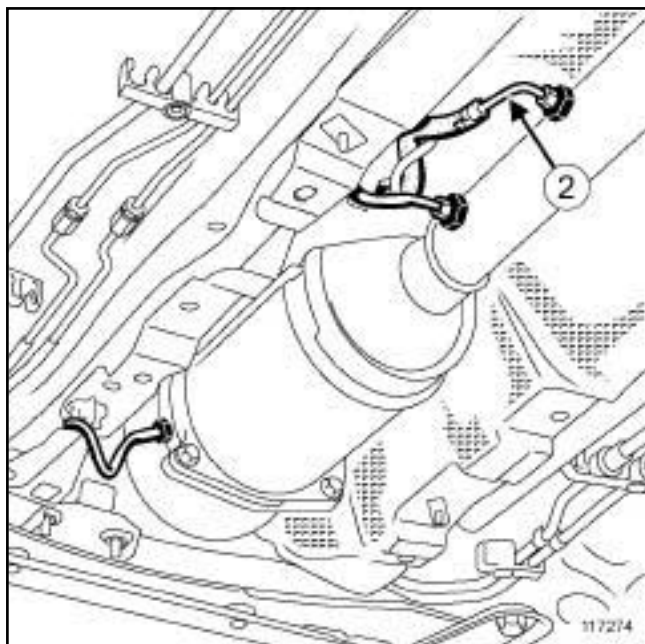
- ☐ Remove the upstream pressure measurement connection (1) from its adapter bolted to the exhaust pipe.

EXHAUST

Particle filter: Removal - Refitting

19B

K9K, and 772



117274

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

WARNING

When removing the pipe, the adapter must be held using a lock wrench.

WARNING

The pressure measurement circuit must never be opened except at the pressure measurement adapters.

- ☐ Remove the connecting hose nuts on the catalytic pre-converter.
- ☐ Remove the particle filter rubber mounting bush bolts on the sub-frame.
- ☐ Cut the exhaust pipe at **Area to be cut 1** using the (Mot. 1199-01) (see **Exhaust: Parts and consumables for the repair**) and (see **19B, Exhaust, Exhaust: Precautions for the repair, page 19B-17**) .
- ☐ Remove the particle filter.
- ☐ If removing the particle filter, remove:
 - the upstream temperature sensor (see **19B, Exhaust, Particle filter temperature sensors: Removal - Refitting, page 19B-60**) ,
 - the connecting hose (see **Connecting hose: Removal - Refitting**) .

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Deburr the cut marks on the exhaust pipe and on the particle filter if it is to be re-used.

WARNING

When fitting the particle filter, be sure to pass the downstream pressure measurement connection behind the heat shield.

WARNING

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

Note:

It is essential to thoroughly clean the pressure faces at:

- the catalytic pre-converter - connecting hose connecting brackets,
- the particle filter - connecting hose connecting brackets.

- ☐ If replacing the particle filter, refit:
 - the upstream temperature sensor (see **19B, Exhaust, Particle filter temperature sensors: Removal - Refitting, page 19B-60**) ,
 - the connecting hose equipped with a new seal (see **Connecting hose: Removal - Refitting**) .

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the new seal between the catalytic pre-converter and the connecting hose.
- ☐ Fit:
 - the particle filter,
 - the sleeve.
- ☐ Refit:
 - the rubber mounting bush bolts on the sub-frame,
 - the connecting hose nuts on the catalytic pre-converter.
- ☐ Tighten the sleeve bolt.
- ☐ Coat the threadings of the upstream and downstream pressure measurement connections with **ANTI-SEIZE COPPER GREASE** or **COPPER-ALUMINIUM LUBRICANT**.