

EXHAUST

Silencer: Removal - Refitting

19B

4X2 TRANSMISSION

Special tooling required

Mot. 1199-01	Exhaust pipe cutter (diameter 35/50 mm and diameter 50/65mm). Complete kit in a case.
Mot. 1857	Pliers for removing exhaust pipe rubber mounting bushes

Equipment required

component jack

IMPORTANT

To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair (see **19B, Exhaust, Exhaust: Precautions for the repair**, page **19B-6**) .

WARNING

To prevent the surrounding components from overheating, do not damage (tear, pierce, bend, etc.) a heat shield.

Any damaged heat shields must be replaced.

IMPORTANT

Wear heat protective gloves during the operation.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).
- ☐ Place a **component jack** under the silencer.

II - REMOVAL OPERATION

- ☐ Locate the area of the silencer to be cut (see **19B, Exhaust, Exhaust: List and location of components**, page **19B-1**) .
- ☐ Use the tool (**Mot. 1199-01**) to cut the exhaust pipe in the area to be cut (see **19B, Exhaust, Exhaust: Precautions for the repair**, page **19B-6**) .

- ☐ Remove the rubber pad from the silencer using the tool (**Mot. 1857**).

Note:

If the rubber pad is damaged, replace the rubber pad.

- ☐ Remove the silencer.

REFITTING

I - REFITTING OPERATION

- ☐ Refit:
 - the silencer,
 - the silencer rubber pad.
- ☐ Fit a new After-Sales exhaust sleeve (see **19B, Exhaust, Exhaust: Precautions for the repair**, page **19B-6**) .

IMPORTANT

Position the « nut and bolt securing the sleeve » assembly so that the assembly cannot come into contact with the underbody.

- ☐ Tighten the sleeve while relieving the exhaust to ensure alignment.

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.
- ☐ Start the vehicle.
- ☐ Check that there are no leaks and deal with them if necessary.

TANK

Fuel tank: Draining

19C

Special tooling required

Mot. 1311-08 Union for taking fuel pressure measurements.

Equipment required

pneumatic transfer pump for fuels

IMPORTANT

During this operation, be sure to:

- refrain from smoking or bringing red hot objects close to the working area,
- be careful of fuel splashes when disconnecting the union.

IMPORTANT

Wear leaktight gloves (Nitrile type) for this operation.

IMPORTANT

Wear goggles with side protectors for this operation.

WARNING

To prevent impurities from entering the circuit, place protective plugs on all fuel circuit components exposed to the open air.

WARNING

To avoid any corrosion or damage, protect the areas on which fuel is likely to run.

DRAINING

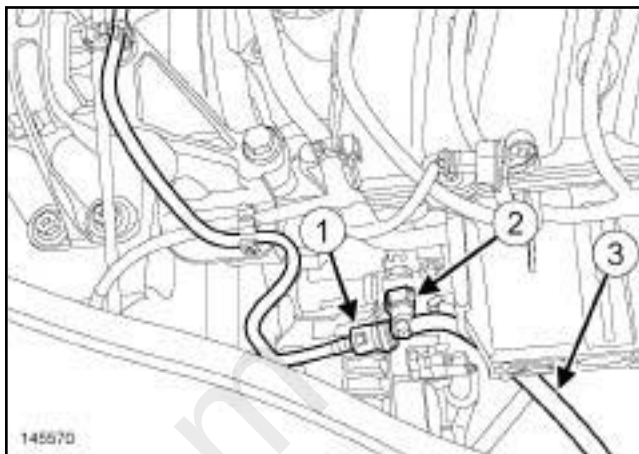
I - DRAINING PREPARATION OPERATION

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

II - DRAINING OPERATION

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- ☐ Disconnect the fuel supply union from the injector rail **(1)**.



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- ☐ Fit a T-union (**Mot. 1311-08**) at **(2)**.
- ☐ Connect a **pneumatic transfer pump for fuels** to the T-union outlet **(3)**.

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