

Expansion chamber: Removal - Refitting

K4M, and 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 expansion chamber.

II - REMOVAL OPERATION

- ☐ Locate the areas of the expansion chamber to be cut (see **19B, Exhaust, Exhaust: List and location of components**, page **19B-1**) .
- ☐ Cut the exhaust pipe using the tool (**Mot. 1199-01**) in the designated areas to be cut (see **19B, Exhaust, Exhaust: Precautions for the repair**, page **19B-6**)

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

Note:

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

- ☐ Remove the expansion chamber.

REFITTING

I - REFITTING OPERATION

- ☐ Refit:
 - the expansion chamber,
 - the expansion chamber rubber pad.
- ☐ Fit new after-sales sleeves (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.

- ☐ Torque tighten the sleeve bolts while supporting the exhaust pipe to ensure alignment.

II - FINAL OPERATION

- ☐ Check:
 - 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.

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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

Tightening torques exhaust sleeve bolts **25 N.m****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.

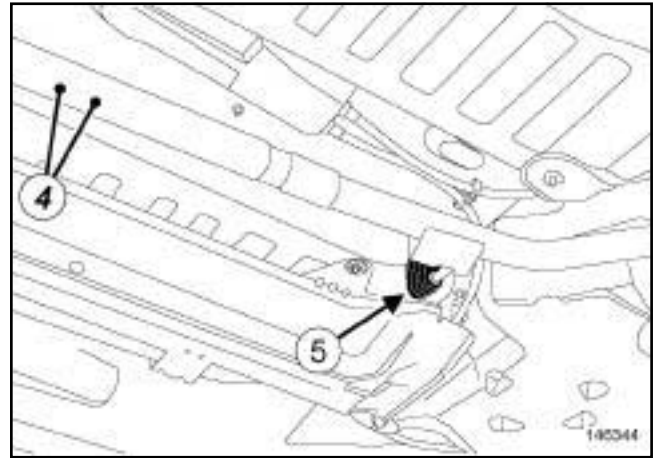
Any damaged heat shields must be replaced.

IMPORTANT

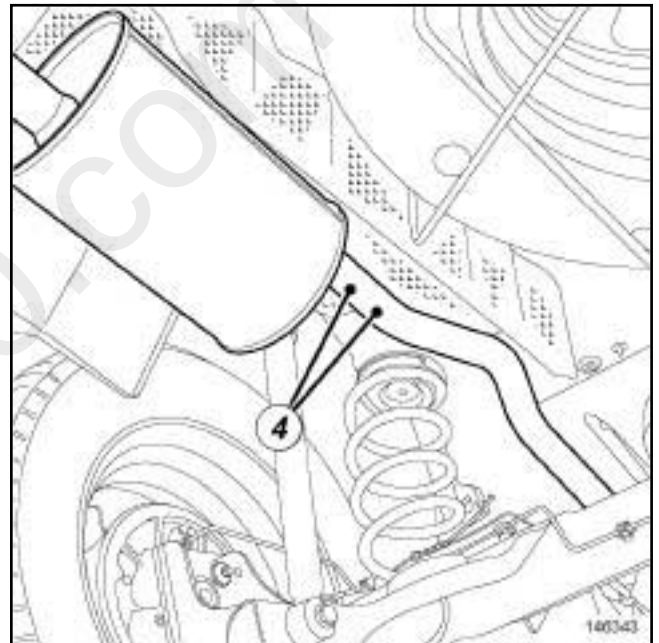
Wear heat protective gloves during the operation.

REMOVAL**I - REMOVAL PREPARATION OPERATION**

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

II - REMOVAL OPERATION

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- ☐ Cut the exhaust pipe using the tool (**Mot. 1199-01**) in the centre of the areas to be cut (**4**) (see **19B, Exhaust, Exhaust: Precautions for the repair**, page **19B-6**).
- ☐ Remove the rubber mounting bush (**5**) from the intermediate pipe using the tool (**Mot. 1857**).

Note:

If the rubber mounting bush is damaged, it must always be replaced.

- ☐ Remove the intermediate pipe.