

FUEL MIXTURE

Air filter unit: Removal - Refitting

12A

F4R

- ☐ Refit the battery (see **Battery: Removal - Refitting**)
((MR 392, 80A, Battery).

FUEL MIXTURE

Air flowmeter: Removal - Refitting

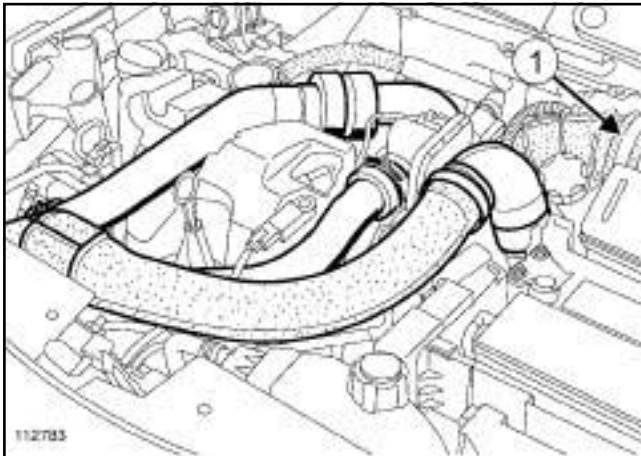
12A

K9K

REMOVAL

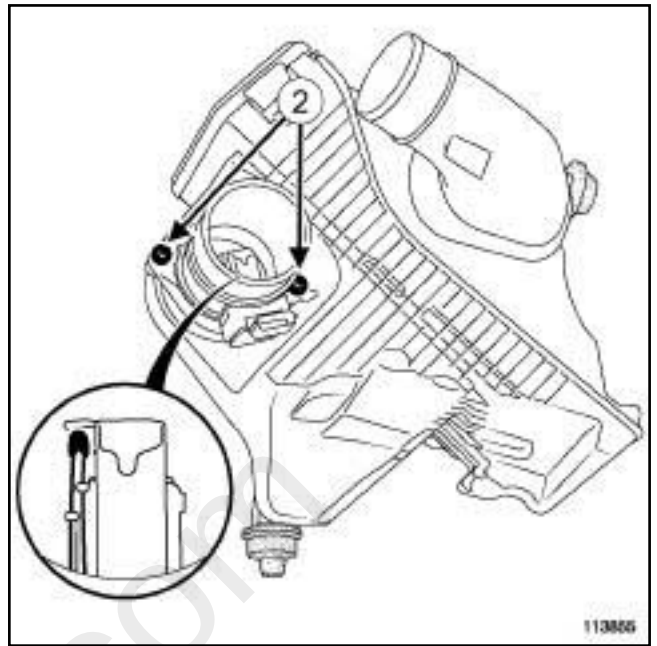
I - REMOVAL PREPARATION OPERATION

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



- ☐ Loosen the clip (1) between the air duct and the air flowmeter.
- ☐ Disconnect the air flowmeter connector.
- ☐ Unfasten the air duct and remove it.
- ☐ Disconnect the air flowmeter connector.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Remove:
 - the bolts (2) securing the air flowmeter onto the air filter unit,
 - the air flowmeter.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit:
 - the air flowmeter.
 - the bolts securing the air flowmeter.

Note:

Be sure not to damage the air flowmeter seal.
Replace it if necessary.

II - FINAL OPERATION

- ☐ Connect the air flowmeter connector.
 - Refit:
 - the air duct,
 - the clip between the air duct and the air flowmeter.
- ☐ Connect the battery (see **Battery: Removal - Refitting**) .

M4R

Special tooling required

Mot. 1448	Remote operation pliers for hose clips.
Mot. 1608	Torque screwdriver 1 to 6.6 N.m.

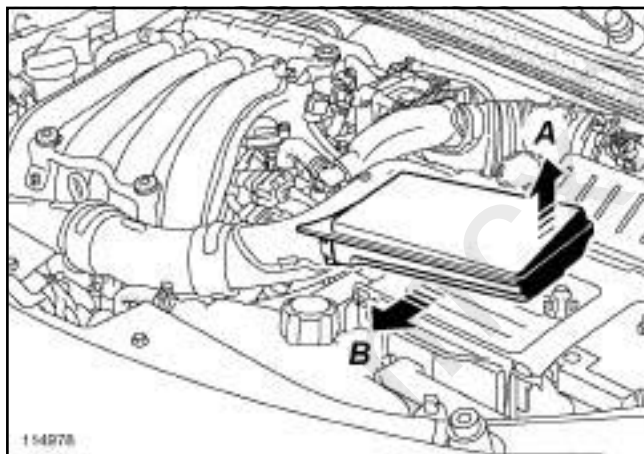
Tightening torques

air flow sensor mounting bolts	4 Nm
air inlet duct clips	6 Nm

REMOVAL

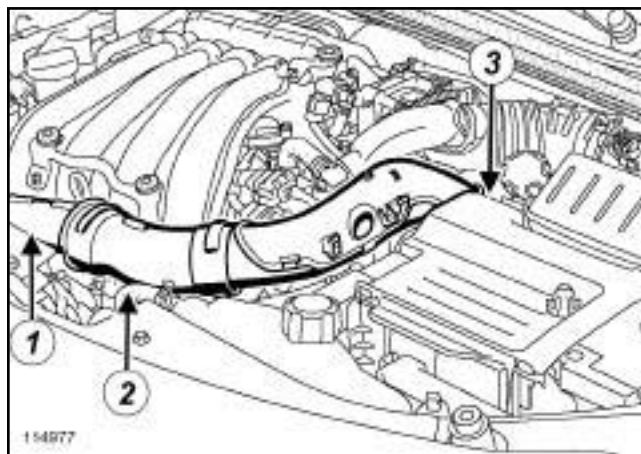
I - REMOVAL PREPARATION OPERATION

- ☐ Remove the engine cover.
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) .



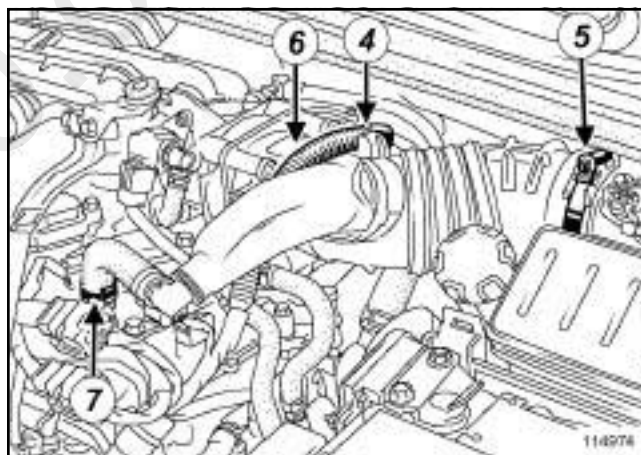
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- ☐ Lift the air resonator to remove it from the battery cover (A) .
- ☐ Pull the air resonator towards the front of the vehicle (B) to remove it.



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- ☐ Detach the air intake sleeve:
 - from the front end panel at (1) ,
 - from the air resonator on the front end panel at (2) ,
 - from the air filter unit at (3) .
- ☐ Remove the air intake sleeve.



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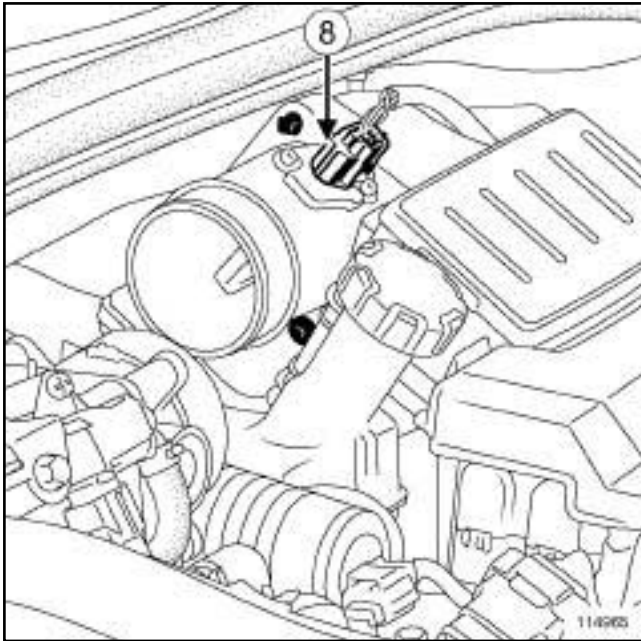
- ☐ Detach the wiring harness from the air inlet duct at (4) .
- ☐ Undo the air duct mounting clips:
 - on the air flow sensor (5) ,
 - on the motorised throttle valve (6) .
- ☐ Disconnect the oil vapour rebreather duct (7) from the rocker cover using the (Mot. 1448).
- ☐ Remove the air inlet duct.

FUEL MIXTURE

Air flowmeter: Removal - Refitting

12A

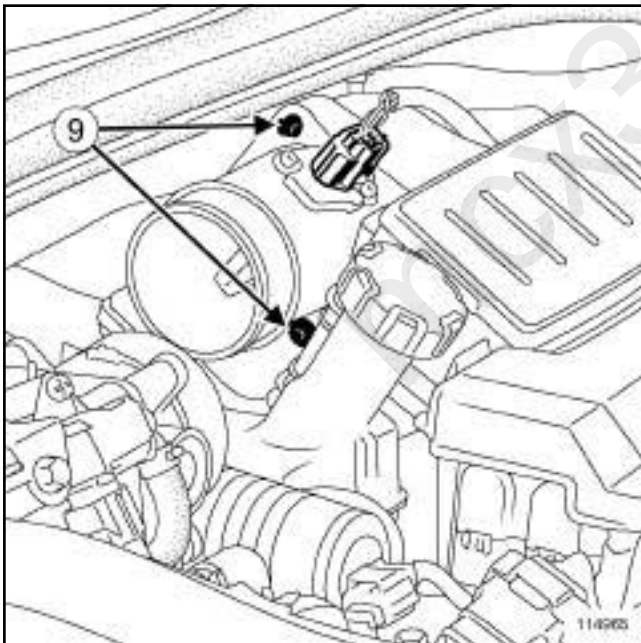
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- ❑ Disconnect the air flow sensor connector (8) .

II - REMOVAL OF PART CONCERNED



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- ❑ Remove:
 - the air flow sensor mounting bolts (9) ,
 - the air flow sensor,
 - the air flow sensor seal.

REFITTING

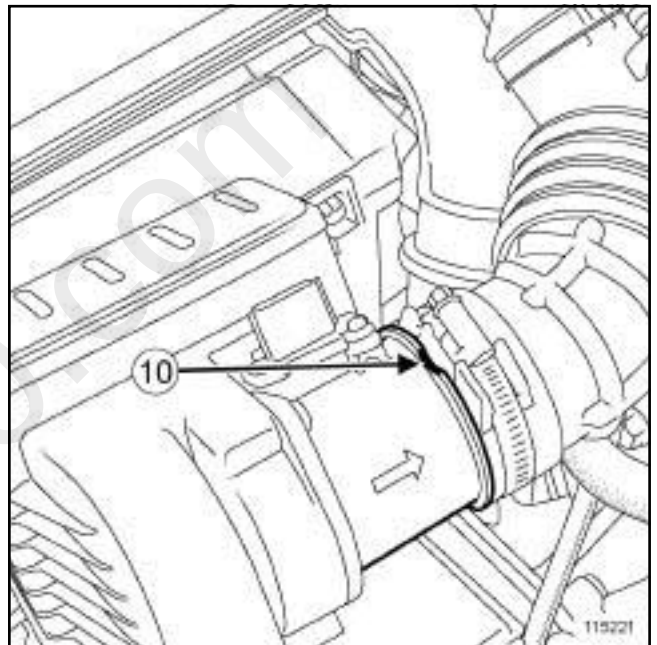
I - REFITTING PREPARATION OPERATION

- ❑ The air flow sensor seal must be replaced.

II - REFITTING THE PART CONCERNED

- ❑ Refit the air flow sensor.
- ❑ Tighten to torque the **air flow sensor mounting bolts (4 Nm)** using the **(Mot. 1608)**.

III - FINAL OPERATION



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- ❑ Fit the air inlet duct on the air flow sensor, paying attention to the fitting mark (10) .