

FUEL MIXTURE

Air filter: Removal - Refitting

12A

K9K

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the air filter in the air filter unit cover.

WARNING

If the air filter is fitted incorrectly in the air filter unit, unfiltered air may enter the engine and cause the engine to malfunction.

- ☐ Fit the air filter unit cover.

III - FINAL OPERATION

- ☐ Refit the air filter unit (see **12A, Fuel mixture, Air filter unit: Removal - Refitting**, page 12A-6) .

FUEL MIXTURE

Air filter unit: Removal - Refitting

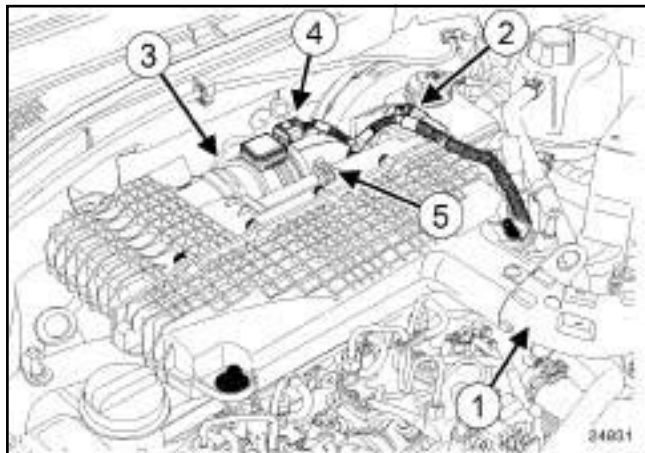
12A

K9K

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Remove the engine cover.



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- ☐ Disconnect:
 - the air intake sleeve (1) on the air filter unit,
 - the air pressure sensor connector (2) from the air filter unit.
- ☐ Disconnect the connector from the air flowmeter (4) .
- ☐ Disconnect the air inlet duct (5) from the air filter unit.
- ☐ Move aside the air filter unit wiring harness.

II - OPERATION FOR REMOVAL OF PART CONCERNED

- ☐ Lift up the front section of the air filter unit.
- ☐ Slide the air filter unit to the left.
- ☐ Remove:
 - the bolt of the turbocharger pressure sensor,
 - the turbocharger pressure sensor on the air filter unit.
- ☐ Remove the air filter unit.

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Check that there are mounting studs for the air filter unit on the EGR mounting and on the brackets.

Note:

Replace the studs if necessary.

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Fit the air filter unit sideways against the EGR valve mounting.
- ☐ Slide the air filter unit to the right.
- ☐ Refit:
 - the turbocharger pressure sensor on the air filter unit.
 - the bolt of the turbocharger pressure sensor,
- ☐ Refit the air filter unit by lowering it vertically from the injection end.

III - FINAL OPERATION

- ☐ Connect the air inlet duct to the air filter unit.
- ☐ Connect the air flowmeter connector.
- ☐ Connect:
 - the turbocharging pressure sensor connector,
 - the air intake sleeve on the air filter unit.
- ☐ Refit the engine cover.

FUEL MIXTURE

Air filter unit: Removal - Refitting

12A

K4M

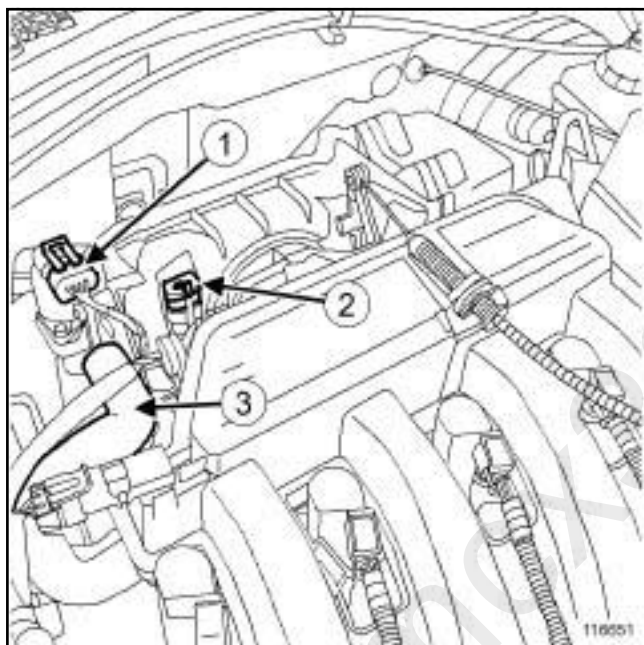
Tightening torques

air filter unit bolts	9 N.m
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REMOVAL

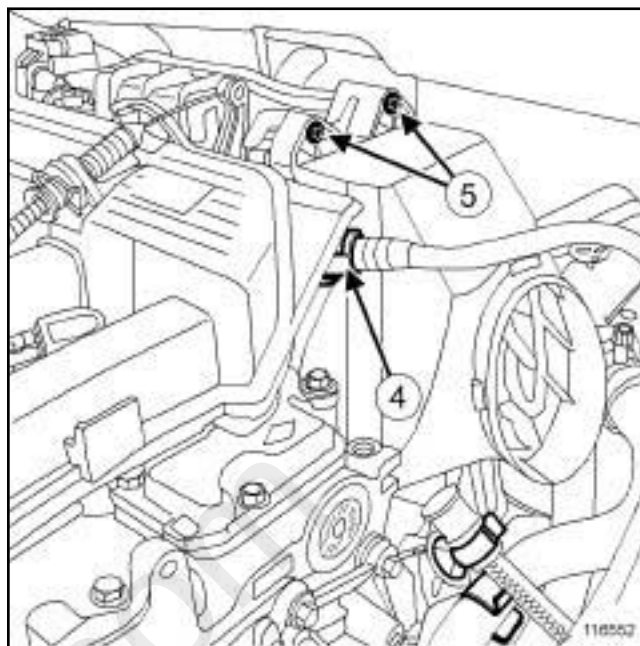
I - REMOVAL PREPARATION OPERATION

- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- ☐ Remove the air resonator (see **12A, Fuel mixture, Air resonator: Removal - Refitting**, page 12A-2) .



- ☐ Disconnect:
 - the idle speed regulation stepping motor connector (1) ,
 - the connector (2) from the throttle position potentiometer,
 - the petrol vapour recirculation pipe (3) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Disconnect the vacuum pipe (4) from the brake servo on the inlet distributor
- ☐ Remove:
 - the two bolts (5) from the air filter cover,
 - the filter element.
- ☐

WARNING

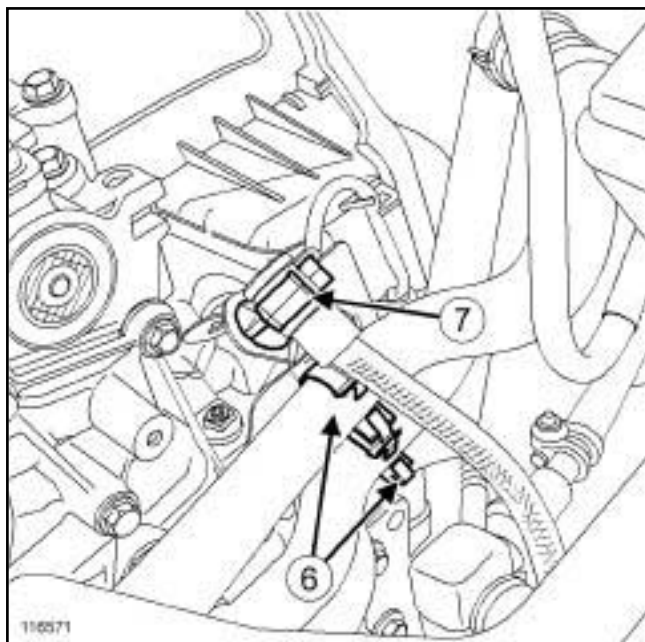
Do not damage the vacuum outlet on the inlet distributor. If it is damaged, the inlet distributor will have to be replaced.

FUEL MIXTURE

Air filter unit: Removal - Refitting

12A

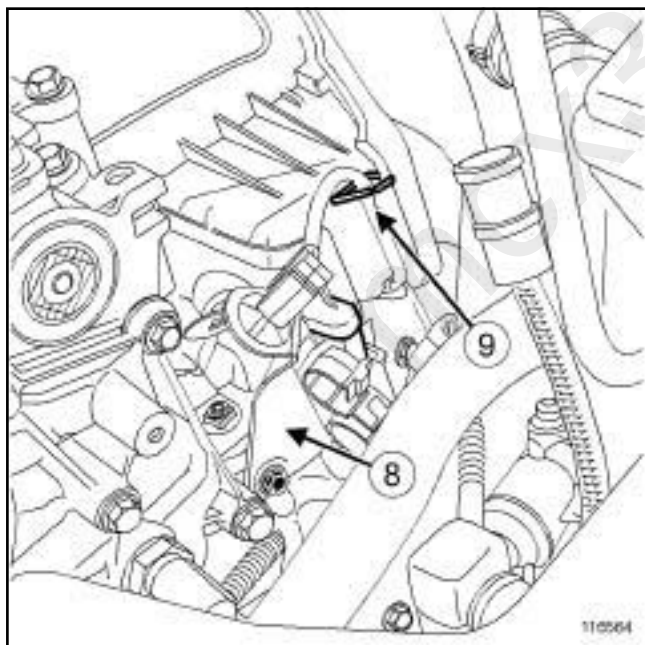
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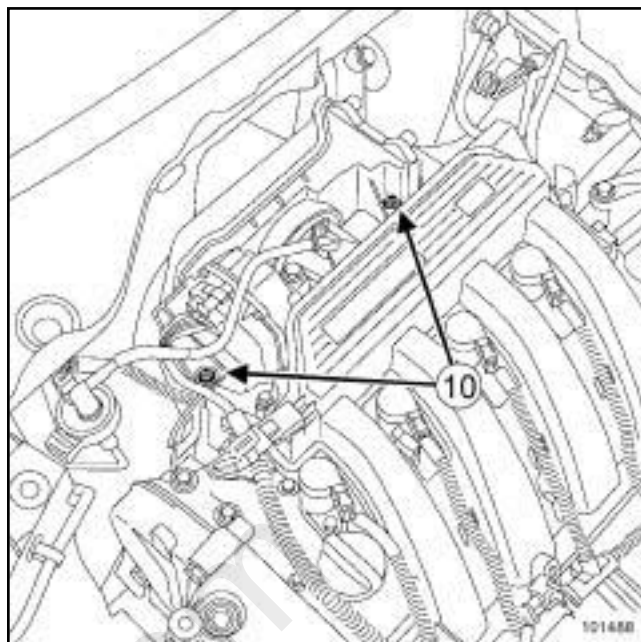
□ Unclip:

- the coolant pipes at (6) ,
- the breather (7) .



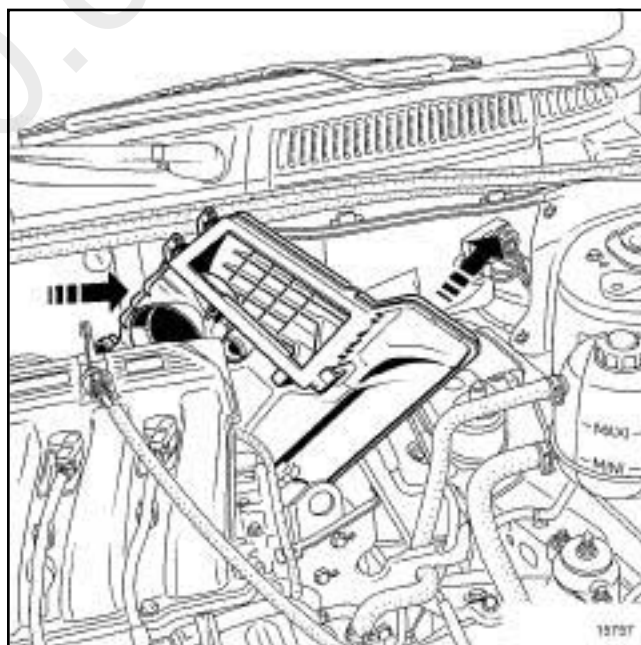
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- Remove the coolant pipes mounting bracket (8) .
- Unpick the electrical wiring (9) from the oxygen sensor.



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- Remove the two bolts (10) from the air filter unit.



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- Remove the air filter unit.

REFITTING

I - REFITTING PREPARATION OPERATION

- Replace:

- the throttle valve seal each time it is removed using grease to make fitting easier,