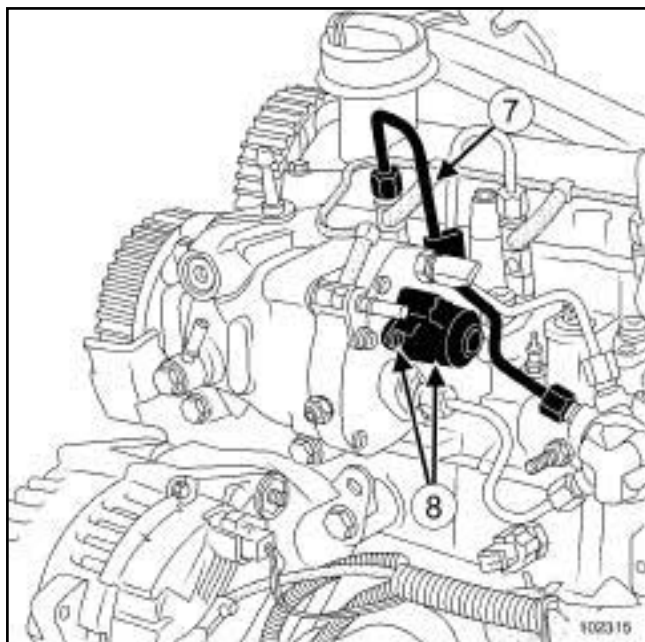


DIESEL INJECTION

Flow actuator: Removal - Refitting

13B

K9K



102315

- ☐ Disconnect:
 - the injector rail pressure sensor,
 - the accelerometer .
- ☐ Unclamp the engine wiring and put it to one side.
- ☐ Remove:
 - the neck located on the injector rail,
 - the high pressure pipe (7) between the injector rail and injector no. 4 (see **13B, Diesel injection, High pressure pipe between rail and injector: Removal - Refitting**, page 13B-22) .
- ☐ Plug the openings.

II - REMOVAL OPERATION

- ☐ Loosen the fuel flow actuator bolts (8) .

WARNING

Do not use the electrical connector as a lever arm.

- ☐ Withdraw the fuel flow actuator (by hand using small successive turns).

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Only unpack the new component when you are ready to fit it.

WARNING

Do not remove the blanking plugs from each component until the last moment.

WARNING

Do not damage the seal when refitting.

Note:

Do not lubricate the seals with grease or old diesel fuel. Use the applicator provided in the kit for the new part.

II - REFITTING OPERATION

- ☐ Position the flow actuator.
- ☐ Finger tighten the flow actuator bolts.
- ☐ Torque tighten the **flow actuator bolts (6 N.m)**.

III - FINAL OPERATION

- ☐ Refit the new high pressure pipe between the injector rail and injector no. 4 (see **13B, Diesel injection, High pressure pipe between rail and injector: Removal - Refitting**, page 13B-22) .
- ☐ Connect:
 - the diesel supply and return pipes on the high pressure pump,
 - the electrical connectors on the high-pressure pump,
 - the injectors,
 - the heater plugs.
- ☐ Refit the dipstick guide.
- ☐ Torque tighten the **dipstick guide and filler neck nuts on the high pressure rail (21 N.m)**.
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- ☐ Start the engine.
- ☐ Check that there are no fuel leaks.
- ☐ Refit the engine cover.

DIESEL INJECTION

Venturi: Removal - Refitting

13B

K9K

Equipment required

Diagnostic tool

Tightening torques

Venturi bolt

6 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 **Diesel injection: Precautions for the repair**) .

IMPORTANT

Before carrying out any work on the injection system, check using the **Diagnostic tool** :

- that the injector rail is not under pressure,
- that the fuel temperature is not too high.

It is essential to respect the safety and cleanliness advice whenever work is carried out on this system.

Working on the circuit with the engine running is strictly forbidden.

IMPORTANT

Wear leaktight gloves (Nitrile type) for this operation.

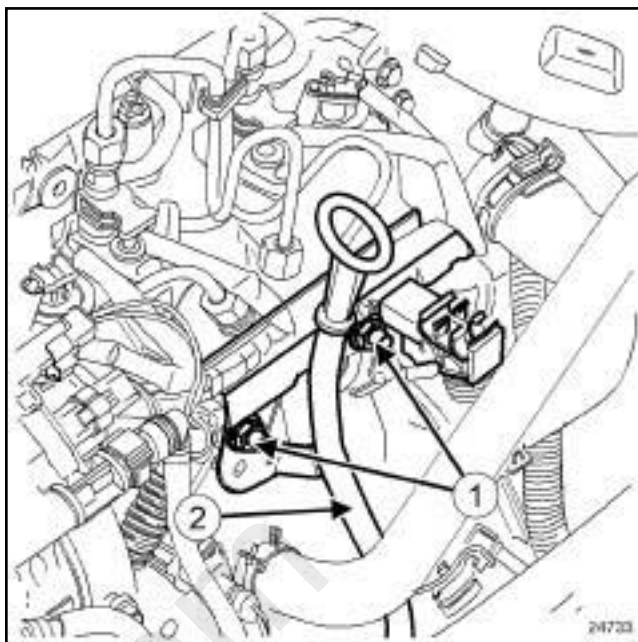
Note:

Ensure that you have a new Venturi before opening up the fuel circuit.

REMOVAL

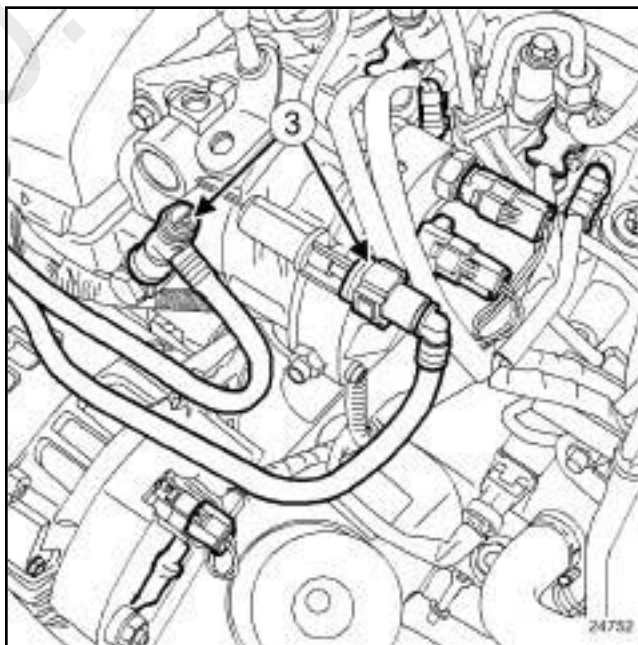
I - REMOVAL PREPARATION OPERATION

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



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- ☐ Remove the dipstick guide and filler neck nuts (1) .
- ☐ Put the dipstick guide to one side (2) .



24752

- ☐ Disconnect the diesel supply and return pipes (3) .