

DIESEL INJECTION

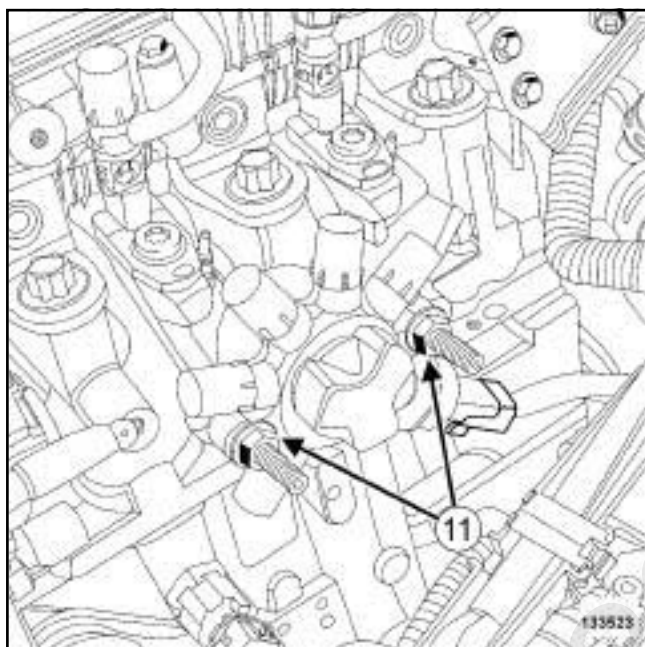
Injector rail: Removal - Refitting

13B

K9K

- the high pressure pipes between the injector rail and the injectors (see **13B, Diesel injection, High pressure pipe between rail and injector: Removal - Refitting**, page 13B-22) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



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- ☐ Remove:
 - the nuts (**11**) from the injector rail,
 - the injector rail.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

☐

WARNING

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

- ☐ Fit the injector rail.
- ☐ Finger tighten the nuts.
- ☐ Refit:
 - the high pressure pipes between the injector rail and the injectors (see **13B, Diesel injection, High pressure pipe between rail and injector: Removal - Refitting**, page 13B-22) ,

- the high pressure pipe between the high pressure pump and the injector rail (see **13B, Diesel injection, High pressure pipe between pump and rail: Removal - Refitting**, page 13B-19) .

- ☐ Torque tighten the **injector rail nuts (28 N.m)**.

II - FINAL OPERATION

- ☐ Refit the neck located on the injector rail.
- ☐ Secure the engine wiring on the neck.
- ☐ Connect:
 - the accelerometer,
 - the injector rail pressure sensor,
 - the diesel return pipe connecting the injectors to the high pressure pump,
 - the diesel supply and return pipes on the high pressure pump,
 - the connectors to the high pressure pump,
 - the injectors,
 - the heater plugs.
- ☐ Refit the dipstick guide.
- ☐ Torque tighten the **nuts of the neck and dipstick guide on the injector rail (21 N.m)**.
- ☐ Start the engine.
- ☐ Check that there are no fuel leaks.
- ☐ Check the high pressure circuit (see **13B, Diesel injection, High pressure pipe: Check**, page 13B-18) .
- ☐ Refit the engine cover.
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (80A, Battery).

DIESEL INJECTION

Fuel temperature sensor: Removal - Refitting

13B

K9K

Equipment required

Diagnostic tool

Tightening torques

fuel temperature sensor	15 N.m
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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 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.

REMOVAL

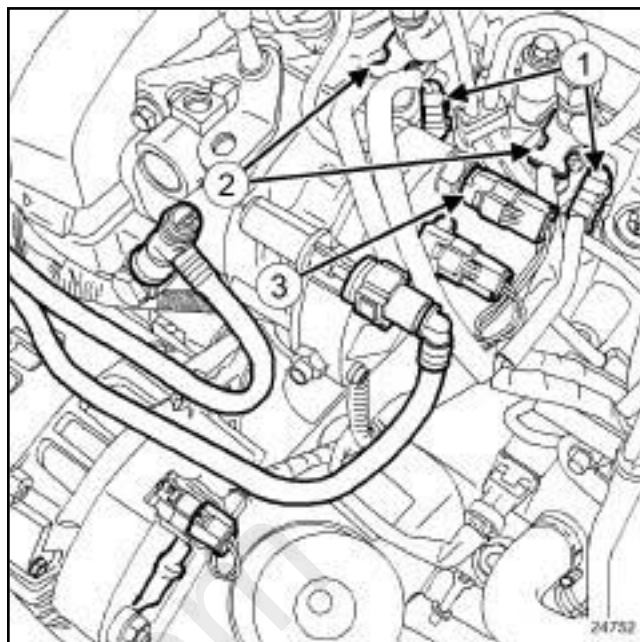
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Note:

Make sure you have a new diesel temperature sensor before removal.

I - REMOVAL PREPARATION OPERATION

- ☐ Remove the front engine cover.



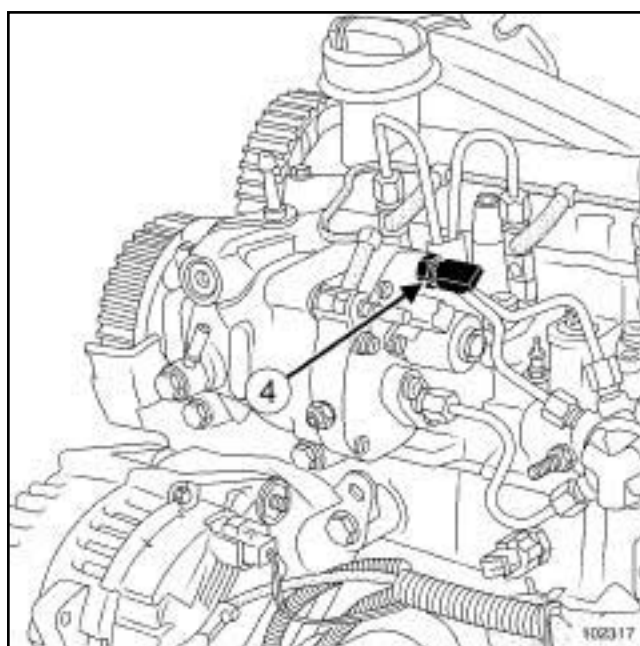
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☐ Disconnect:

- the heater plugs (1) on cylinders 3 and 4,
- the injectors (2) of cylinders 3 and 4,

II - REMOVAL OPERATION

- ☐ Disconnect the fuel temperature sensor connector (3) .



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- ☐ Clean the fuel temperature sensor.
- ☐ Remove the fuel temperature sensor (4) .
- ☐ Plug the openings.