

K9K

- ☐ Slightly pretighten the high pressure pipe nuts.
- ☐ Torque tighten:
 - the **nut of the high pressure pipe between the pump and the injector rail on the high pressure pump (28 N.m)**,
 - the **nut of the high pressure pipe between the pump and the rail on the injector rail (28 N.m)**.

III - FINAL OPERATION

- ☐ Refit the neck on the injector rail.
- ☐ Connect:
 - the injection rail pressure sensor,
 - the diesel return pipe connecting the injectors to the high pressure pump,
 - the diesel fuel supply and return pipes,
 - the high pressure pump electrical connectors.
- ☐ Connect the connectors of:
 - the injectors,
 - the heater plugs.
- ☐ Insert the dipstick.
- ☐ 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).
- ☐ Prime the diesel circuit using the priming pump.
- ☐ Check the high pressure circuit (see **13B, Diesel injection, High pressure pipe: Check**, page **13B-18**)
.
- ☐ Refit the engine cover.

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Equipment required

Diagnostic tool

Tightening torques

injector rail nuts	28 N.m
« pump - rail » high pressure pipe nuts	28 N.m
dipstick guide and filler neck nuts on the high pressure rail	21 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 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

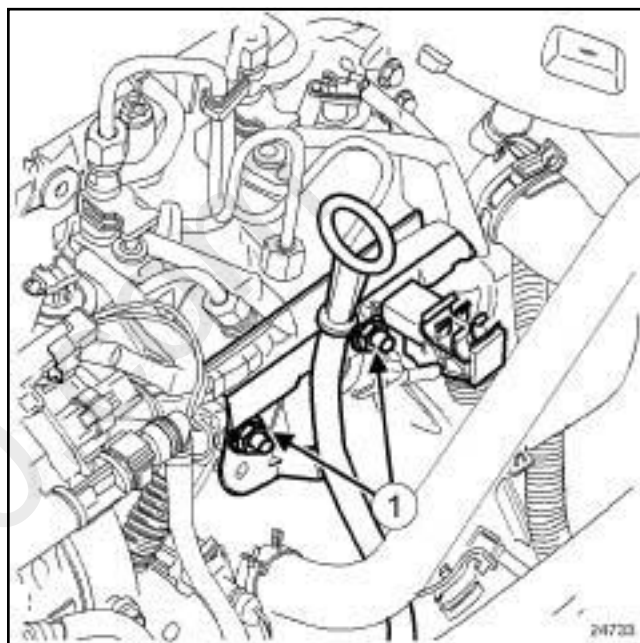
Wear leaktight gloves (Nitrile type) for this operation.

WARNING

To avoid any corrosion or damage, protect the areas on which fuel is likely to run.

REMOVAL**I - REMOVAL PREPARATION OPERATION**

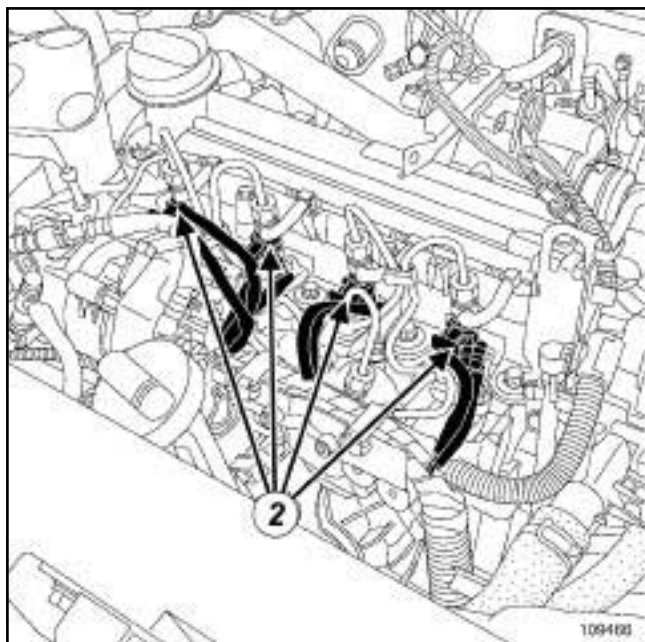
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- ☐ Remove:
 - the engine cover,
 - the air filter unit (see **12A, Fuel mixture, Air filter unit: Removal - Refitting**, page 12A-6) .



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

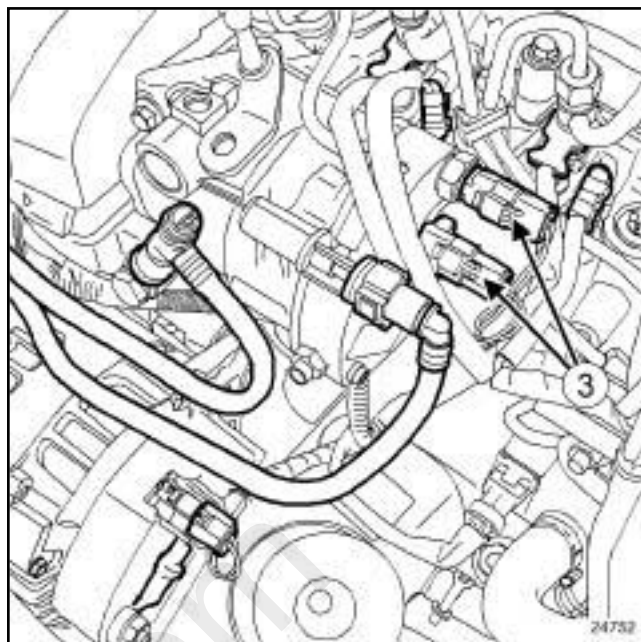
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- ☐ Disconnect the following connectors (2) :

- the heater plugs,
- the injectors.



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- ☐ Disconnect the high pressure pump connectors (3) .
- ☐ Remove the bolts mounting the neck onto the injector rail.
- ☐ Move the wiring to one side with the neck on the side.
- ☐ Remove the clips connecting the high pressure pipes.
- ☐ Clean the high pressure pipe unions between the rail and the injectors (see **Diesel injection: Precautions for the repair**) .

II - REMOVAL OPERATION

- ☐ Undo:
 - the high pressure nut at the injector end,
 - the high pressure pipe nut at the injector rail end.
- ☐ Remove the pipe and discard it.
- ☐ Fit blanking plugs into the openings.

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ parts always to be replaced: High pressure pipe between the rail and injector.