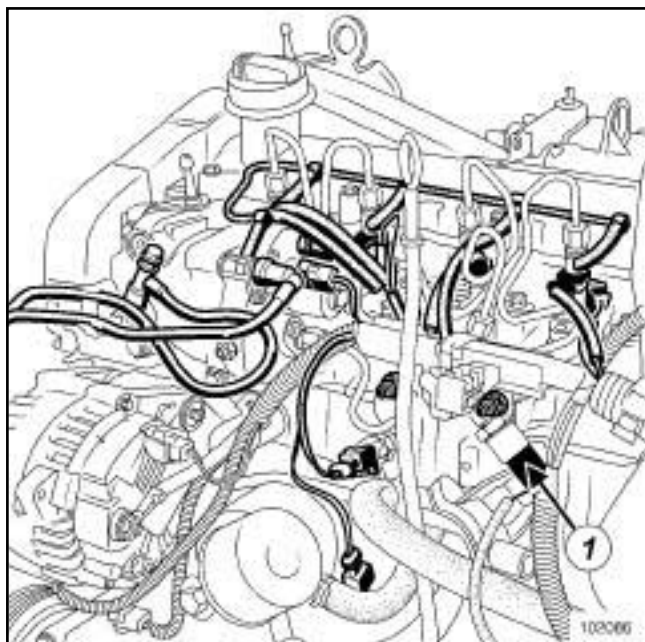


DIESEL INJECTION

Rail pressure sensor: Removal - Refitting

13B

K9K, and 750 or 752 or 766 or 768



102086

- ❑ The pressure sensor (1) cannot be removed from the spherical injector rail.

If the pressure sensor is faulty, replace the «pressure sensor - high pressure pipes and rail» assembly (see **13B, Diesel injection, Injector rail: Removal - Refitting**, page 13B-64) .

Fuel temperature sensor: Removal - Refitting

K9K, and 750 or 752 or 766 or 768

Tightening torques

diesel temperature sensor	15 N.m
nut mounting the inter-cooler inlet air pipe on the alternator	8 N.m

IMPORTANT

Use the diagnostic tool before any operation is carried out on the injection circuit to check:

- 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.

Loosening a high pressure pipe union when the engine is running is strictly prohibited.

WARNING

Before starting work on the vehicle, obtain:

- a new blanking plug kit (**part no. 77 01 206 804**),
- cleaning cloths (**part no. 77 11 211 707**).

It is essential to respect the safety and cleanliness advice whenever work is carried out on this system (see **13B, Diesel injection, Diesel injection: Precautions for the repair**, page **13B-1**).

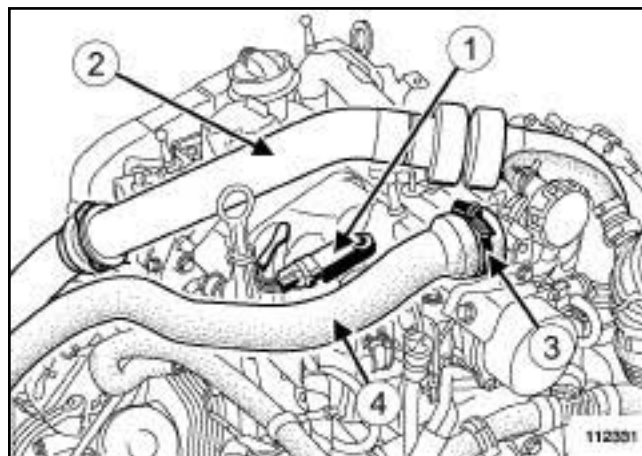
Note:

Vehicles equipped with the K9K*768 engine may or may not be equipped with an intercooler.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove the front engine cover.



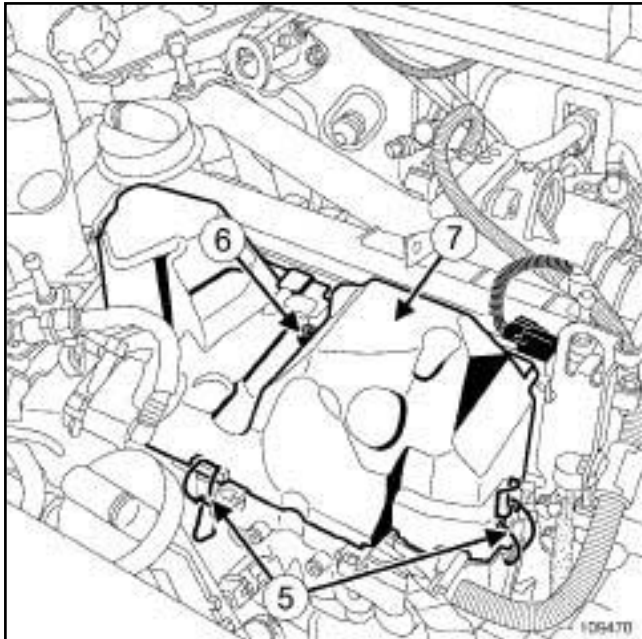
112331

- ☐ Disconnect the inlet air pressure sensor (1).

K9K, and 750 or 766 or 768

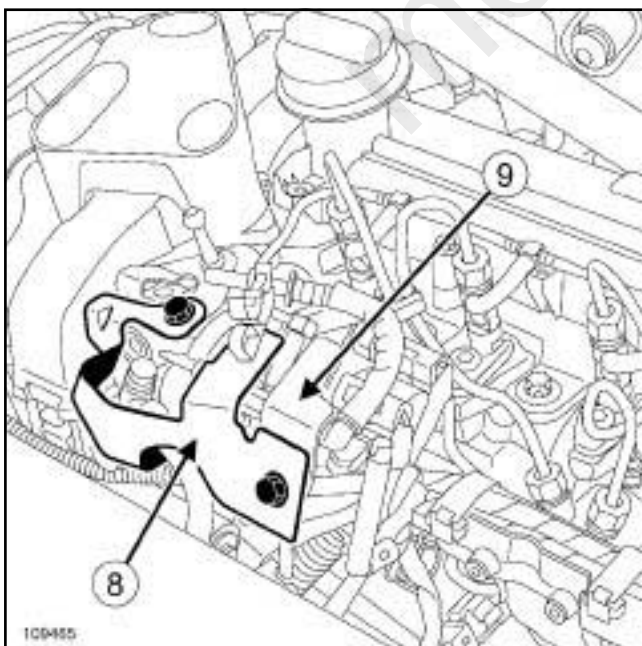
- ☐ Remove the upper section of the turbocharger air duct (2).
- ☐ Loosen the clip (3).
- ☐ Move the inlet air duct to one side (4).

K9K, and 750 or 752 or 766 or 768



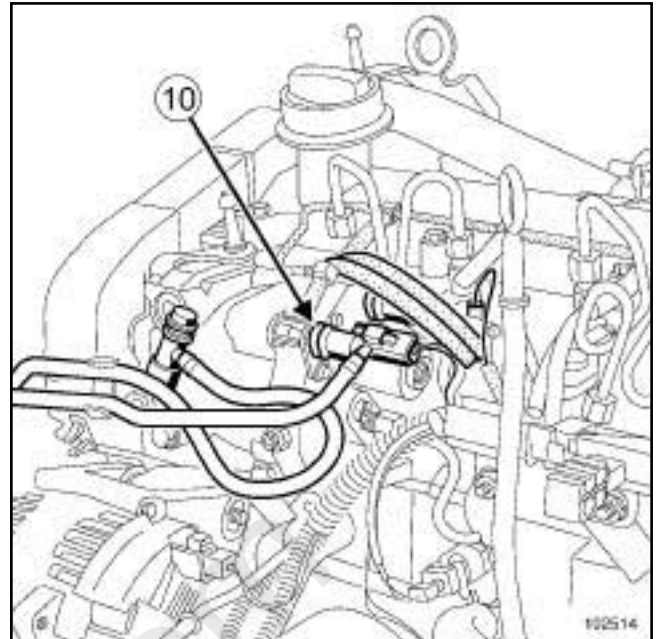
109470

- ☐ Remove:
 - the dipstick,
 - the dipstick duct bolts.
- ☐ Move the dipstick duct to one side.
- ☐ Unclip the clips (5) from the injector rail protector.
- ☐ Remove:
 - the injector rail protector bolt (6) ,
 - the injector rail protector (7) .



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- ☐ Remove the high pressure pump protectors (8) and (9) .



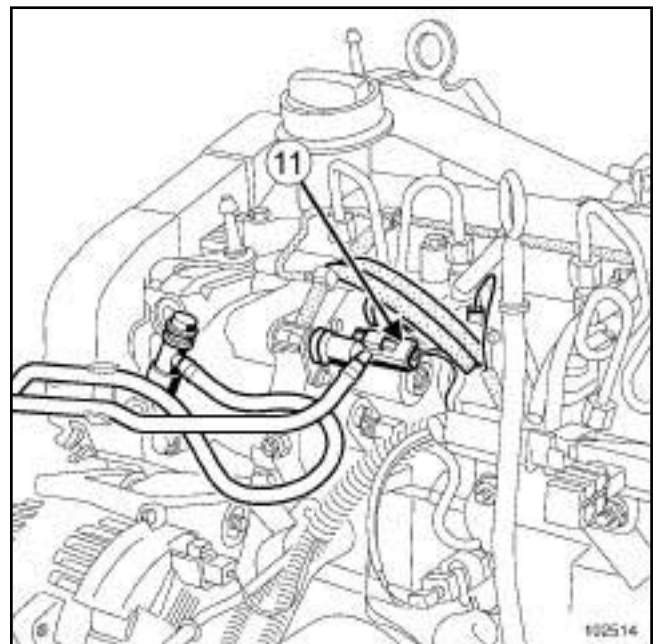
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- ☐ Disconnect the diesel supply and return pipes (10) .

Note:

Make preparations for fuel outflow. Clean with new cloths.

- ☐ Fit the correct blanking plugs.



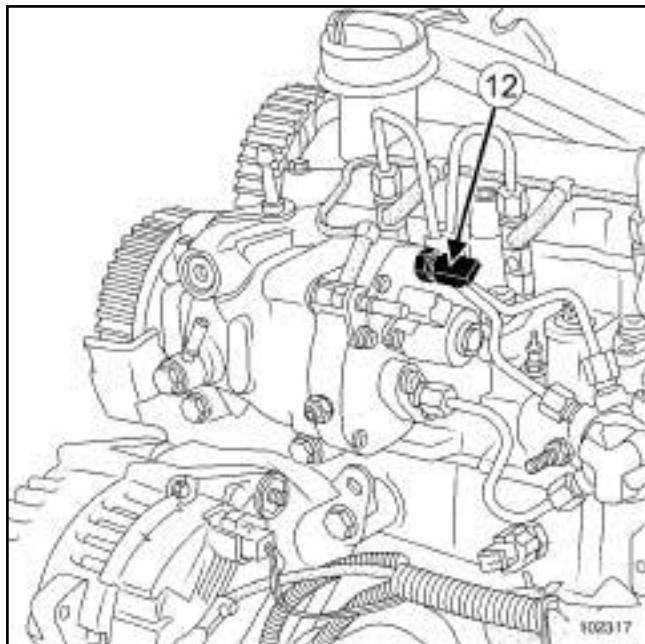
102514

- ☐ Disconnect the diesel temperature sensor connector (11) .

Fuel temperature sensor: Removal - Refitting

K9K, and 750 or 752 or 766 or 768

II - REMOVAL OF PART CONCERNED



- ☐ Remove the diesel temperature sensor (12) .

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Lubricate the O-ring with lubricant from the applicator supplied with the new part.

Note:

Do not lubricate the diesel temperature sensor seals with grease or used diesel. Use the applicator supplied with the kit.

WARNING

Do not damage the O-ring when refitting.

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

II - REFITTING PART CONCERNED

- ☐ Refit the diesel temperature sensor.
- ☐ Tighten to torque the **diesel temperature sensor (15 N.m)**.

III - FINAL OPERATION

- ☐ Reconnect:
 - the diesel temperature sensor connector ,

- the diesel supply and return pipes.

☐ Refit:

- the high pressure pump protectors,
- the injector rail protector.

- ☐ Connect the inlet air pressure sensor.

K9K, and 750 or 766 or 768

- ☐ Refit the air inlet duct and tighten the clip.
- ☐ Loosen the intercooler inlet air pipe nut on the alternator.
- ☐ Fit the air duct between the turbocharger and the intercooler air inlet pipe.
- ☐ Lock the air duct onto the turbocharger and the intercooler inlet air pipe.
- ☐ Tighten the bolt of the air duct on the rocker cover.
- ☐ Torque tighten the **nut mounting the intercooler inlet air pipe on the alternator (8 N.m)**.

- ☐ Refit the engine cover.

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

- ☐ Check that there are no diesel leaks:

- check the sealing after repair (see **13B, Diesel injection, High pressure pipe: Check**, page **13B-99**) ,
- run the engine at idle speed until the engine cooling fan starts operating,
- accelerate several times at no load,
- switch off the ignition,
- check that there is no diesel fuel escaping.