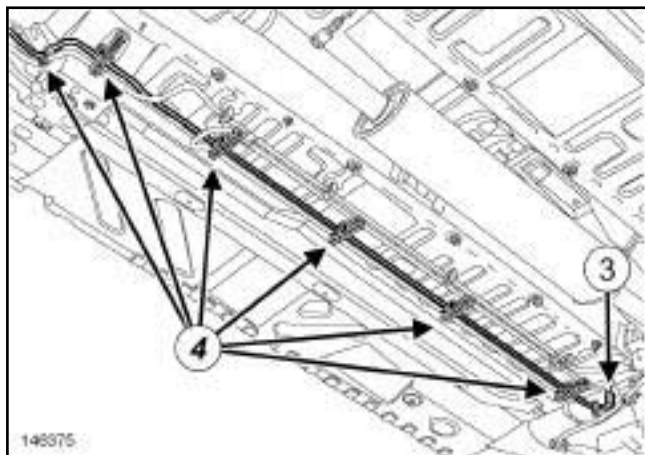
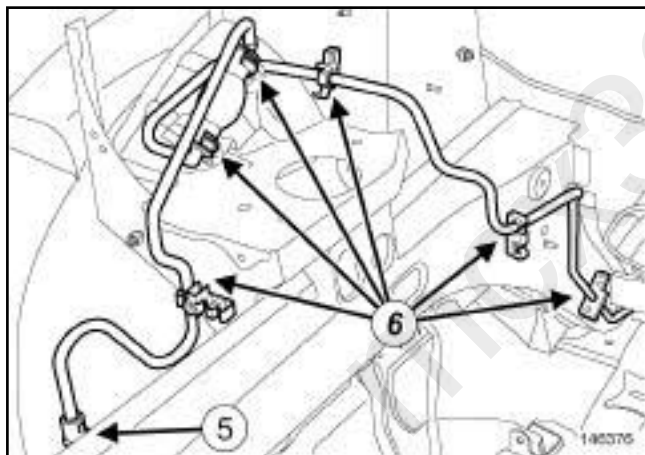


K9K

II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Disconnect the fuel supply pipe at the fuel tank end at (3) .
- ☐ Insert the blanking plugs.
- ☐ Unclip the fuel supply pipe under the body at (4) .



- ☐ Disconnect the connection (5) from the fuel supply pipe on the fuel filter.
- ☐ Unclip the fuel supply pipe at (6) .
- ☐ Remove the fuel supply pipe through the engine compartment.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Proceed in the reverse order to removal.
- ☐ Ensure that the fuel supply pipe unions are clicked into position properly.

II - FINAL OPERATION

- ☐ Prime the fuel circuit using the priming pump.

WARNING

Check that there are no leaks:

- run the engine at idle speed for **2 minutes**,
- accelerate several times at no load,
- switch off the ignition,
- check that there is no fuel escaping.

FUEL SUPPLY

Diesel filter: Removal - Refitting

13A

K9K

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**) ,
- (see **Vehicle: Precautions for the repair**) (01D, Mechanical introduction).

IMPORTANT

Wear leaktight gloves (Nitrile type) for this operation.

IMPORTANT

During this operation, be sure to:

- refrain from smoking or bringing red hot objects close to the working area,
- be careful of fuel splashes when disconnecting the union.

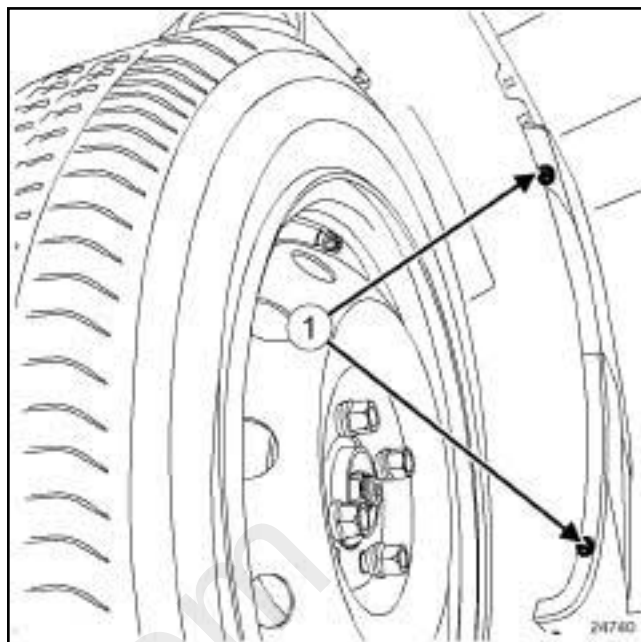
Note:

Make sure you have a new diesel filter before opening the fuel circuit.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).



24740

☐ Remove:

- the plastic screen under the diesel filter,
- the front right-hand wheel arch liner bolts (1) .

- ☐ Move the front right-hand wheel arch liner slightly to one side.

FUEL SUPPLY

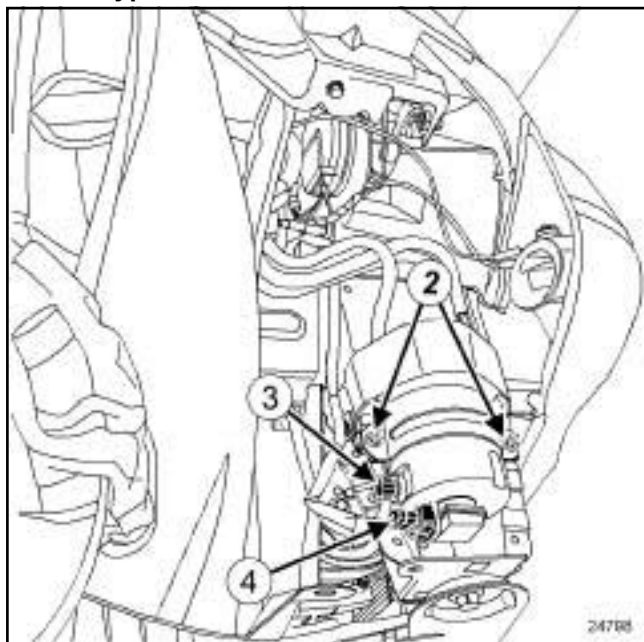
Diesel filter: Removal - Refitting

13A

K9K

II - REMOVAL OPERATION

MAHLE type filter



- ☐ Remove:
 - the diesel filter protection plate nuts (2) ,
 - the diesel filter protection plate,
 - the diesel filter from its mounting, noting its original position.
- ☐ Disconnect the water detection sensor connector (4)
- ☐ Place a container under the diesel filter.
- ☐ Open the bleed screw (3) and let the diesel run out.

WARNING

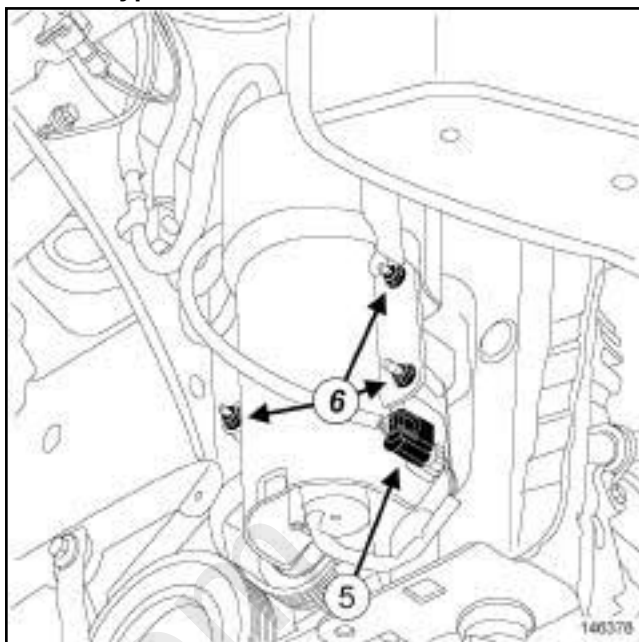
Keep the pipe unions away from contaminated areas.

Note:

Mark the position of the fuel pipe unions in relation to the diesel filter before removing the diesel filter.

- ☐ Disconnect the pipe unions on the diesel filter.
- ☐ Let the diesel fuel flow out from the various pipes into the container.
- ☐ Fit plugs into the openings.
- ☐ Remove the water detection sensor, turning it anti-clockwise.

DELPHI type filter



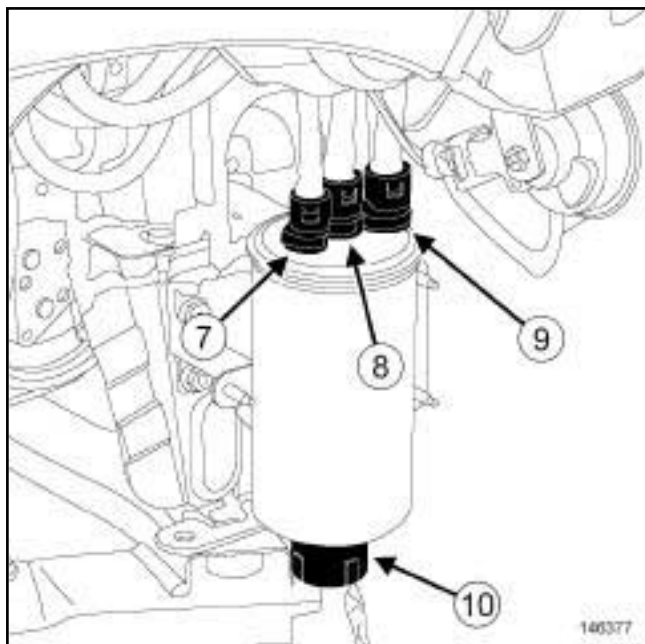
- ☐ Disconnect the water detection sensor connector (5)
- ☐ Remove:
 - the diesel filter protection plate nuts (6) ,
 - the diesel filter protection plate,
 - the diesel filter from its mounting, noting its original position.
- ☐ Place a container under the diesel filter.

FUEL SUPPLY

Diesel filter: Removal - Refitting

13A

K9K



- ☐ Disconnect:
 - the fuel inlet pipe union (7) ,
 - the fuel outlet pipe union (8) ,
 - the fuel return pipe union (9) .
- ☐ Let the diesel fuel flow out from the various pipes into the container.
- ☐ Remove the water detection sensor (10) , turning it anti-clockwise.
- ☐ Fit plugs into the openings.

REFITTING

I - REFITTING OPERATION

- ☐ Refit the water detection sensor, turning it clockwise.
- ☐ Connect:
 - the pipe unions on the diesel filter,
 - the water detection sensor connector.
- ☐ Refit:
 - the new diesel filter in its original position,
 - the diesel filter protection plate,
 - the diesel filter protection plate nuts.

II - DRAINING THE WATER INSIDE THE DIESEL FILTER

☐

Note:

- Certain vehicles have a sensor for detecting water in the diesel fuel, located in the diesel filter. If water is detected, the injection fault warning light comes on.

- ☐ Periodically drain any water contained in the diesel filter.
- ☐ For filters without a water presence sensor:
 - open the drain plug,
 - let the water flow out,
 - close the plug.
- ☐ For filters with a water presence sensor:
 - disconnect the water presence sensor connector,
 - unclip the water presence sensor connector,
 - loosen the water presence sensor by one turn,
 - let the water flow out,
 - tighten the water presence sensor,
 - connect the water presence sensor connector.

III - FINAL OPERATION

- ☐ Refit:
 - the front right-hand wheel arch liner,
 - the plastic screen under the diesel filter.