

REMOVING - REFITTING : FUEL FILTER :

DW10ATED TURBO DIESEL

1. Special tools

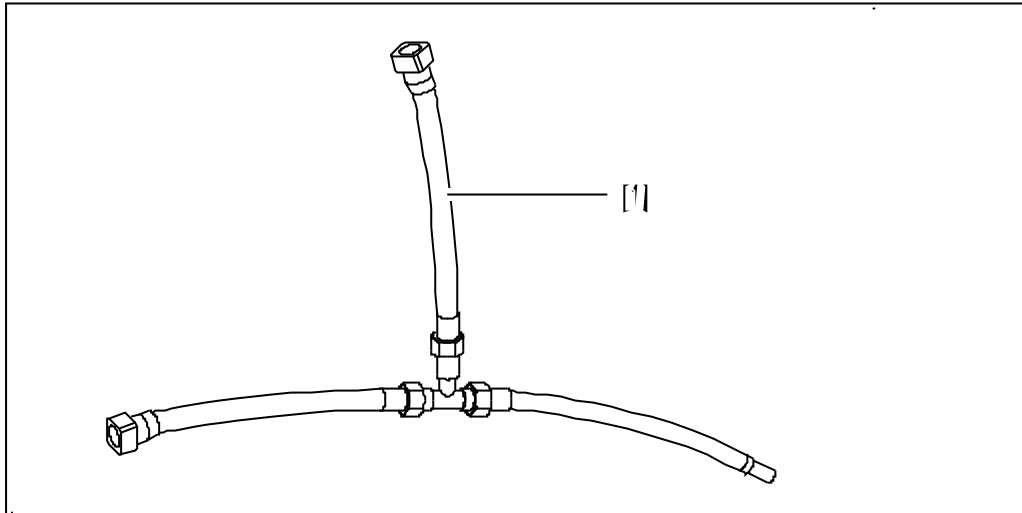


Figure : B1HKA0GD

[1] union for fuel filter purge (-).1604-B/C .

2. Removing

URGENT : Respect the safety and cleanliness recommendations that are specific to high pressure diesel injection (HDi) engines .

Disconnect the battery .

Remove the shield under the power unit .

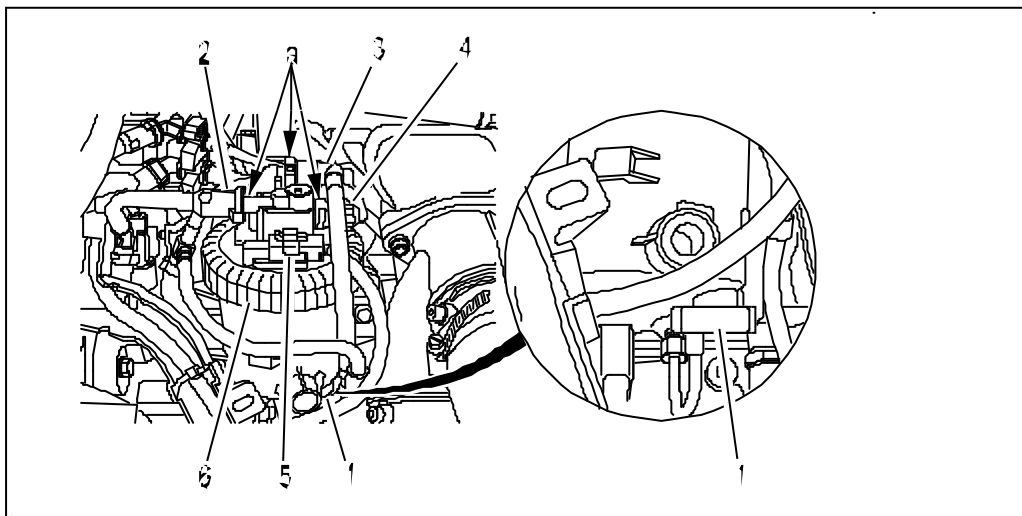


Figure : B1HKA0FD

Place a drain tray under the engine .

Open bleed screw (1) .

Clean the unions on the fuel filter "a" using approved products .

Disconnect :

- The connector (5)
- The connector of the water detector (according to equipment)

Disconnect the connectors (2), (3) and (4) .

URGENT : Plug the fuel unions with the plugs provided with the fuel filter .

Loosen the ring-nut (6) Using a pipe wrench .

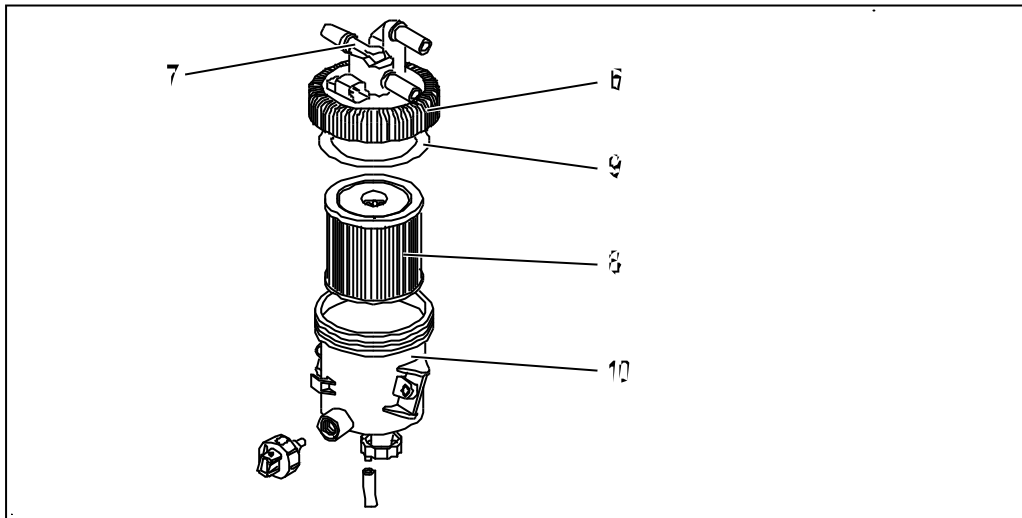


Figure : B1HKA0ED

Remove :

- The ring-nut (6)
- Cover (7)
- The filter element (8)
- Seal (9)

URGENT : Do not clean the fuel filter with a cloth Do not use compressed air .

Allow the fuel contained in the fuel filter to run out .

Remove :

- The fuel filter fixing screws
- The fuel filter (10)

Pour diesel substitute (kerdane, dilutine or paraffin) into a container .

Clean the fuel filter Using a paintbrush .

Dry and wipe the fuel filter using a suitable wipe , Available from Replacement Parts .

Close drain screw (1) .

3. Refitting

Fit :

- The fuel filter (10)
- The fuel filter fixing screws (tighten to 1 m.daN)

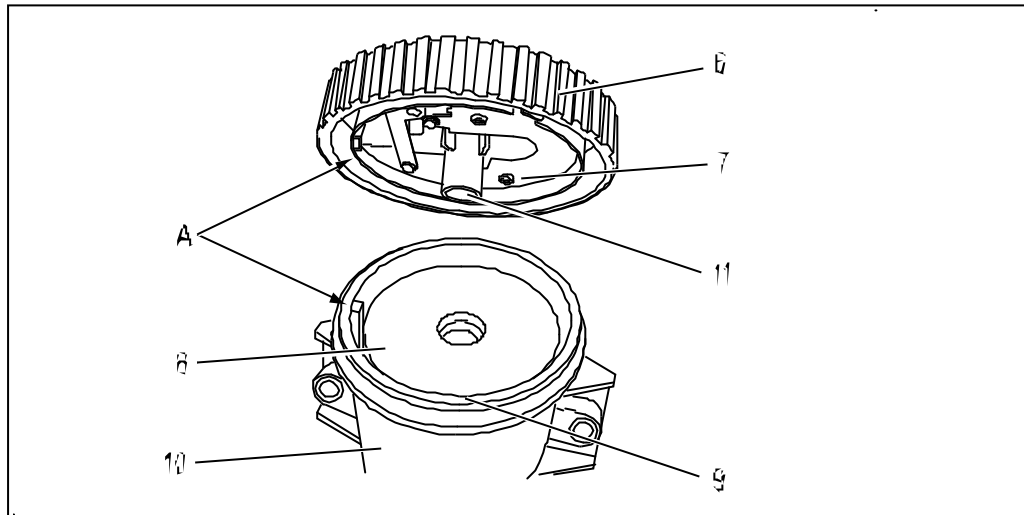


Figure : B1HKA0CD

Remove the central plug (11) from the cover .

Fit :

- The filter element (8) (new)
- The new lubricated seal (9)
- Cover (7)
- The ring-nut (6)

CAUTION : Make sure that the cover is correctly positioned (guides A) .

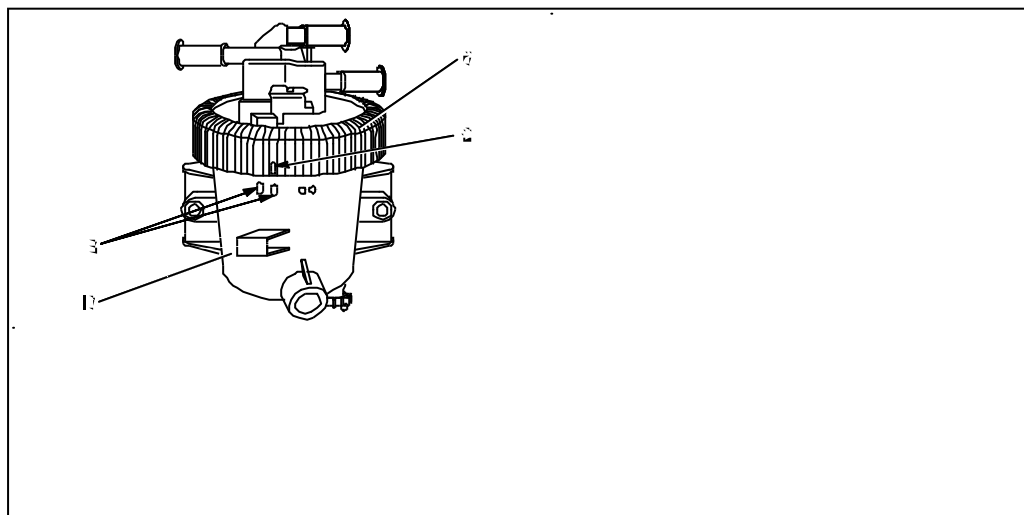


Figure : B1HKA0BD

Tighten the ring-nut (6) until marks "B" and "C" are aligned Using a pipe wrench .

CAUTION : Do not go past the max. paint mark when tightening .

Remove the plugs from the cover (7) .

Recouple unions (3) and (4) .

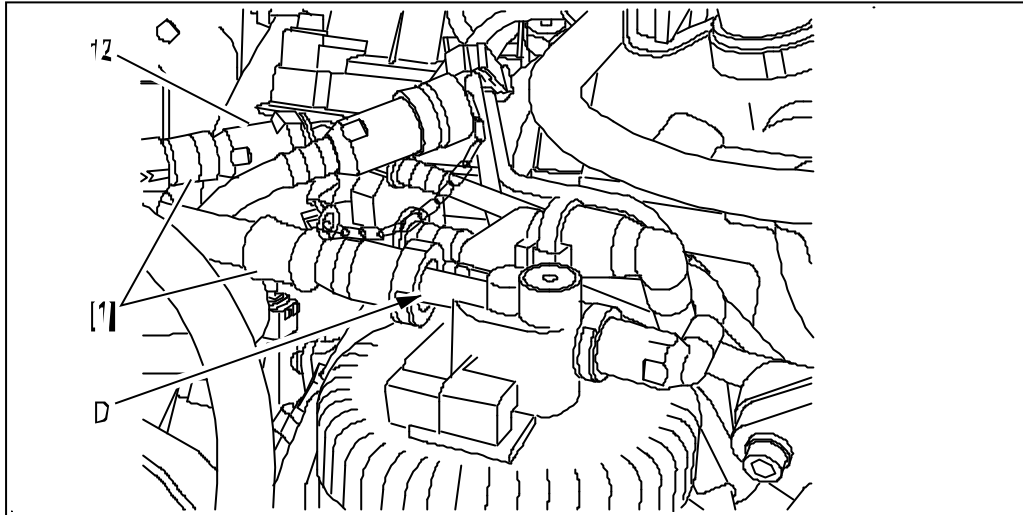


Figure : B1HKA0AD

Connect the female union (10 mm dia.) of tool [1] in the place of the union (2) , In D .

Uncouple the union (12) and insert the unions (8 mm dia.) of tool [1] into the fuel return circuit .

Reconnect the battery .

Switch the ignition on and off 10 times in order to fill and purge the fuel filter .

Remove :

- The tool [1]
- The plug from union (2)

Recouple unions (2) and (12) .

Switch the ignition on, then off (2 times) .

Start the engine .

Check the absence of leaks .

Refit the under-engine shield .