

REMOVAL / REFITTING : ENTIRE FUEL FILTER WITH ITS SUPPORT :

DV4TD TURBO DIESEL

URGENT : Before carrying out any work on the diesel circuit : Observe the safety and cleanliness instructions .

1. Special tools

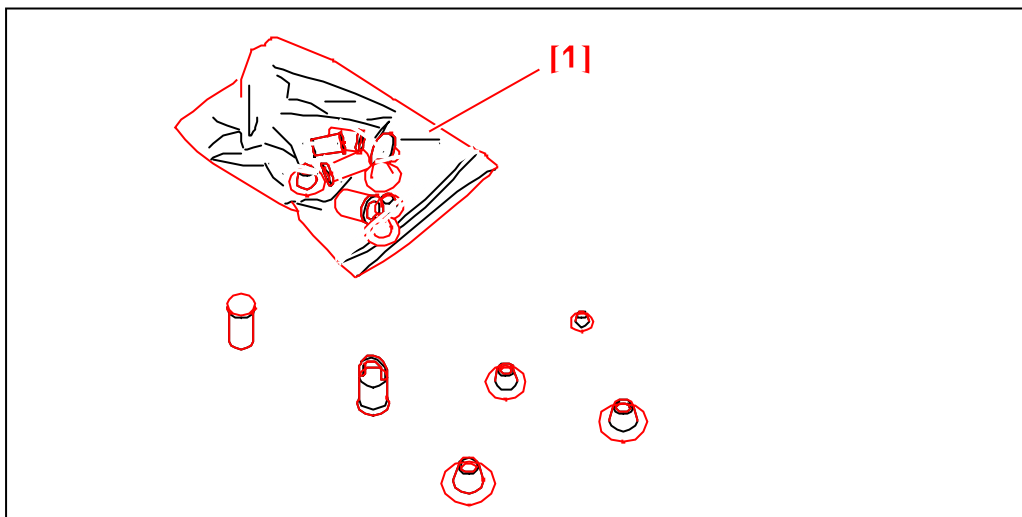


Figure : B1BK1YPD

[1] The plugs kit (-).0194-T .

2. Removal

2.1. Fuel filter

N.B. : After the ignition has been switched off : Wait 15 minutes before disconnecting the battery to ensure that the programmed values of the various ECUs are stored .

Disconnect the battery .

Remove the engine style cover .

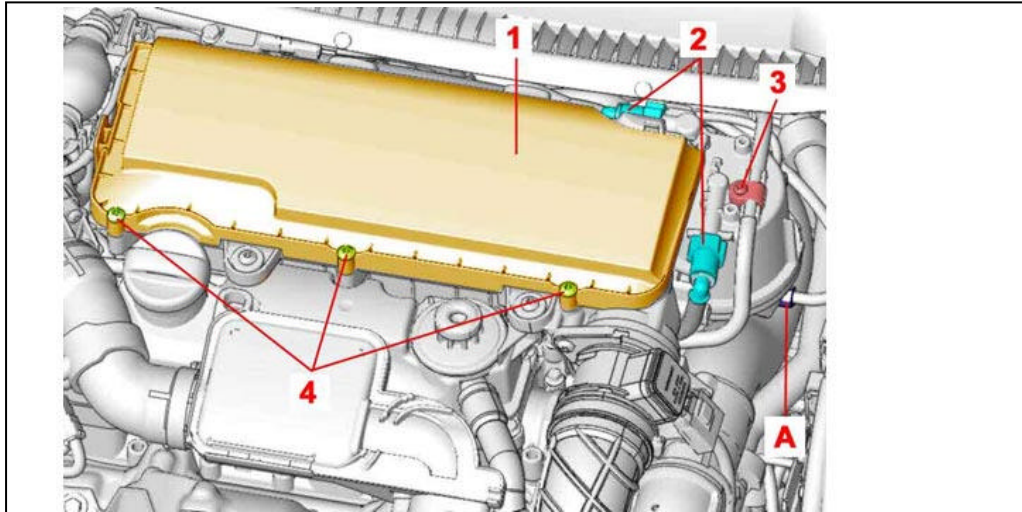


Figure : B1BP3P8D

Remove :

- The 3 air filter cover (1) fixing bolts (4)
- The air filter cover
- The air filter
- The brake vacuum pipe fixing bolt (3)

Move aside the brake vacuum pipe .

Drain the fuel reservoir into a suitable receptacle (At "A") .

URGENT : Before uncoupling, clean all of the unions on the low pressure circuit ⓘ (If necessary ⓘ) .

Disconnect and move aside the fuel pipes (2) .

Blank the fuel supply and return unions ; Using the tool [1] .

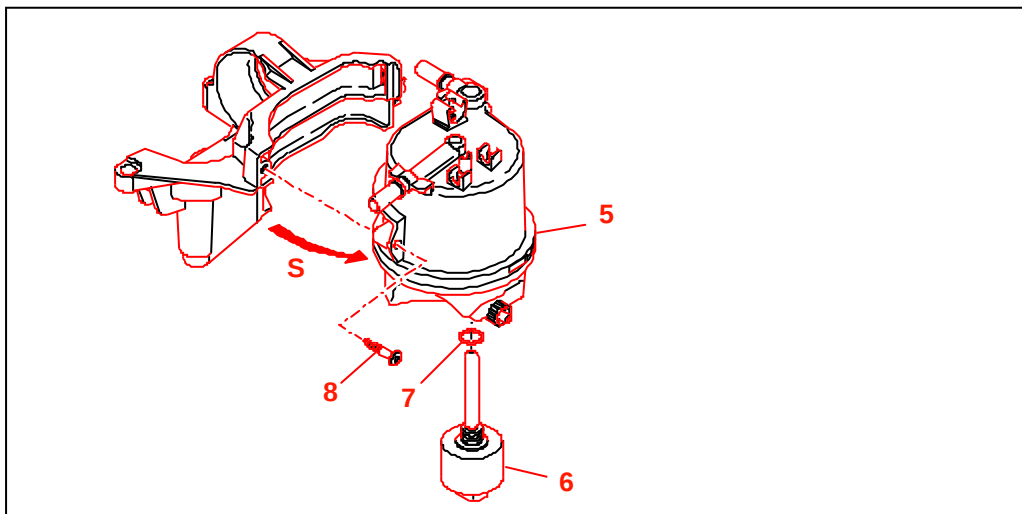


Figure : B1HP2A6D

Remove the diesel filter (5) fixing bolt (8) .

Extract the diesel filter (5) from its support in the direction of the arrow (S) .

Disconnect the diesel heater (6) connector .

Reuse the diesel heater and its seal (7) .

2.2. Fuel filter support

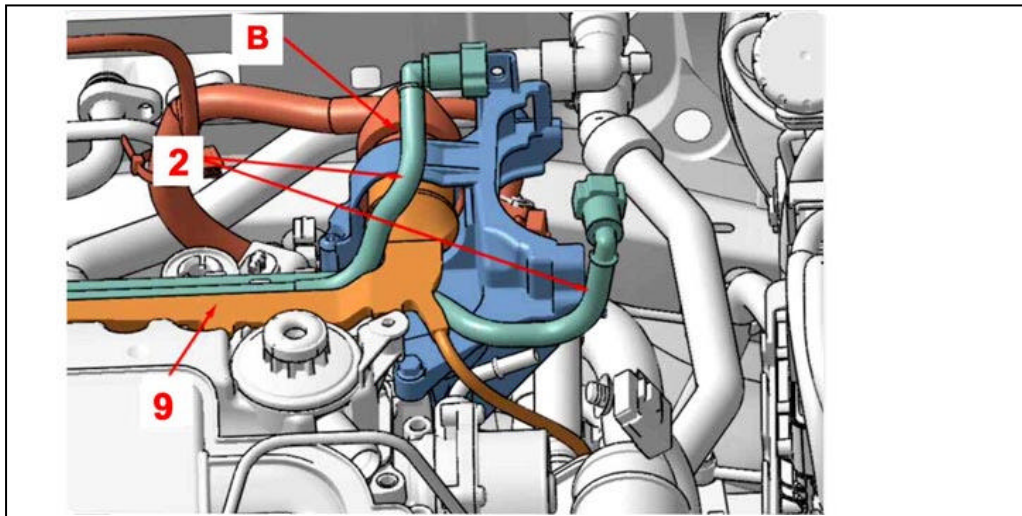


Figure : B1BP3P9D

Remove the upper integrated intake system .

Disconnect the injectors electrical supply harness (At "B") .

Move aside the fuel supply pipes (2) .

Unclip and move aside the injectors electrical supply harness (9) .

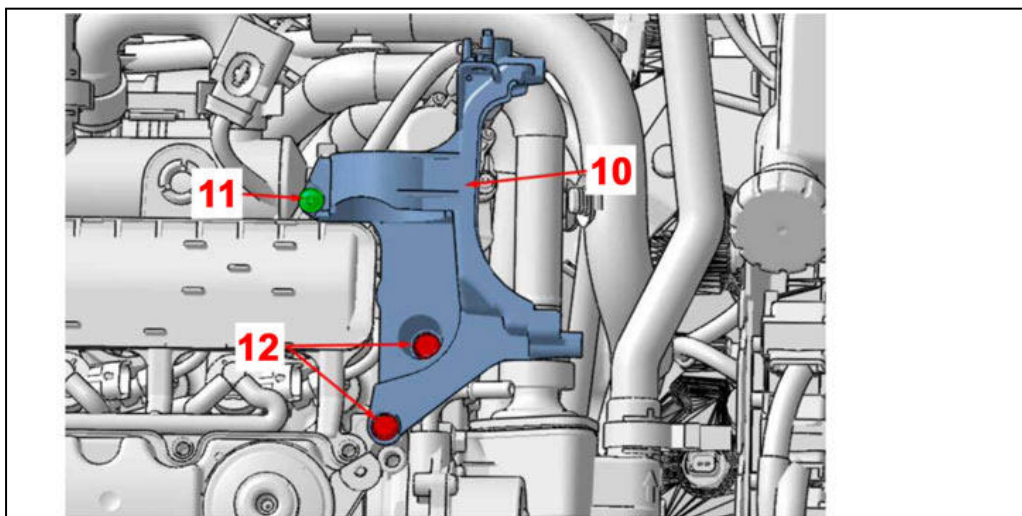


Figure : B1BP3PAD

Remove :

- The fixing bolt (11) on the integrated intake system
- The 2 securing bolts (12)
- The fuel filter support (10)

3. Refitting

3.1. Fuel filter support

Proceed in the reverse order to removal .

Tighten :

- The fixing bolt (11) to 0.4 daN.m
- The 2 fixing bolts (12) to 1.0 daN.m

3.2. Fuel filter

Refit the fuel filter heater fitted with a new o-ring (7) ; Tightening torque 0.35 da.Nm .

Tighten :

- The fixing bolt (8) to 0.5 daN.m
- The 3 air filter cover bolts to 0.5 daN.m

Operate the manual priming pump 120 for seconds to prime the fuel circuit .

Connect the battery .

4. Check the sealing of the fuel circuit

Start the engine .

Allow the engine to idle for 2 minutes .

Check there are no leaks .

Check that there are no air bubbles in the return circuit .

Refit the engine style cover .