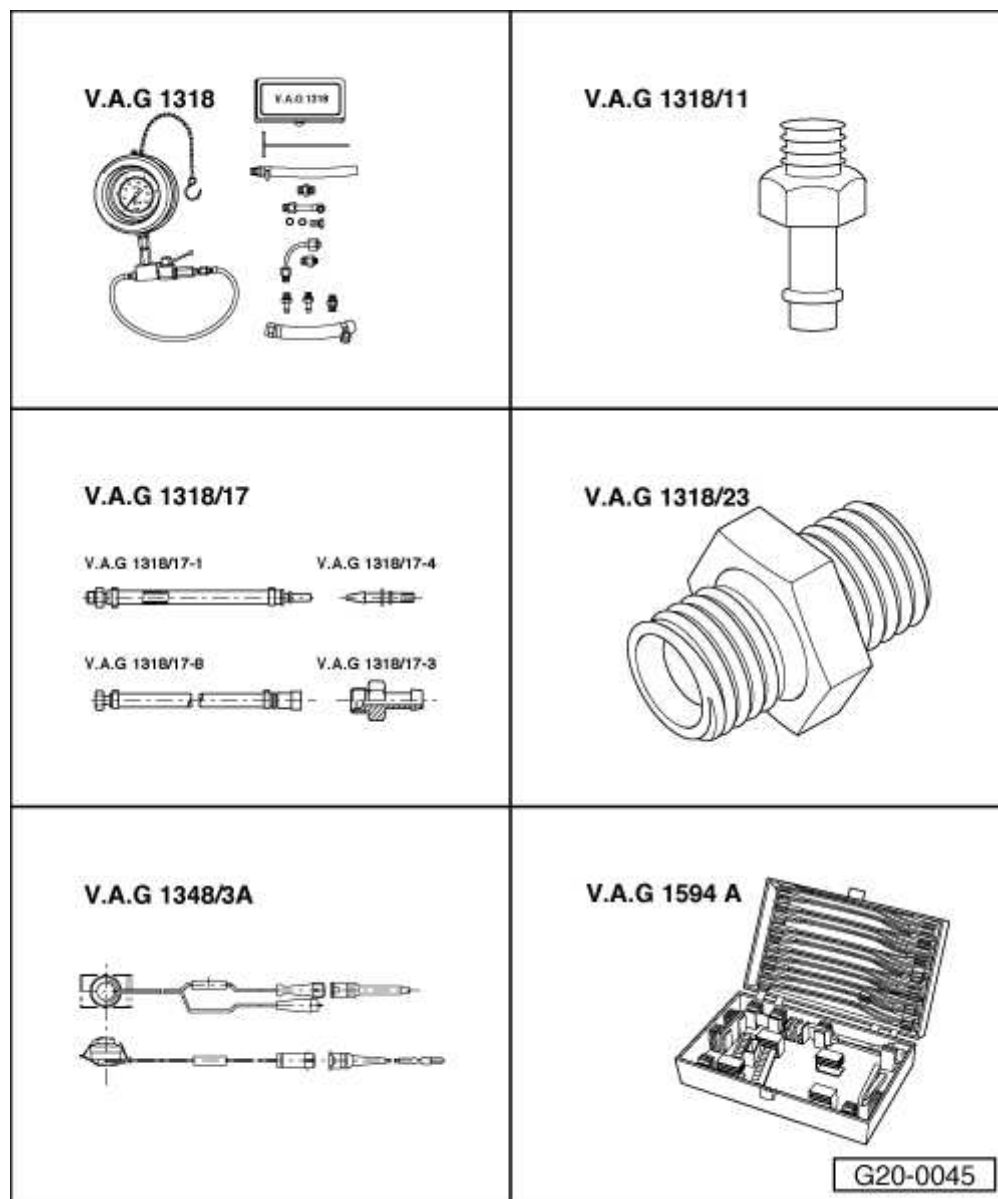


Checking fuel pump delivery rate - vehicles with 10-cylinder TFSI engine (Audi RS6)



Special tools and workshop equipment required

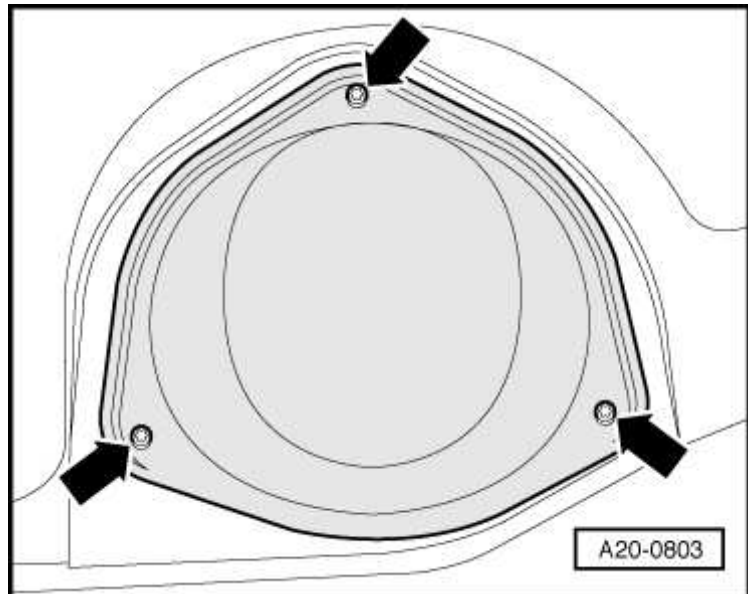
- ◆ K-Jetronic pressure tester -V.A.G 1318-
- ◆ Adapter -V.A.G 1318/11-
- ◆ Adapter -V.A.G 1318/17-1- from adapter set -V.A.G 1318/17-
- ◆ Connector -V.A.G 1318/23-
- ◆ Remote control -V.A.G 1348/3A- for V.A.G 1348 with adapter cable -V.A.G 1348/3-3-
- ◆ Auxiliary measuring set -V.A.G 1594C-
- ◆ Fuel-resistant measuring container

Procedure

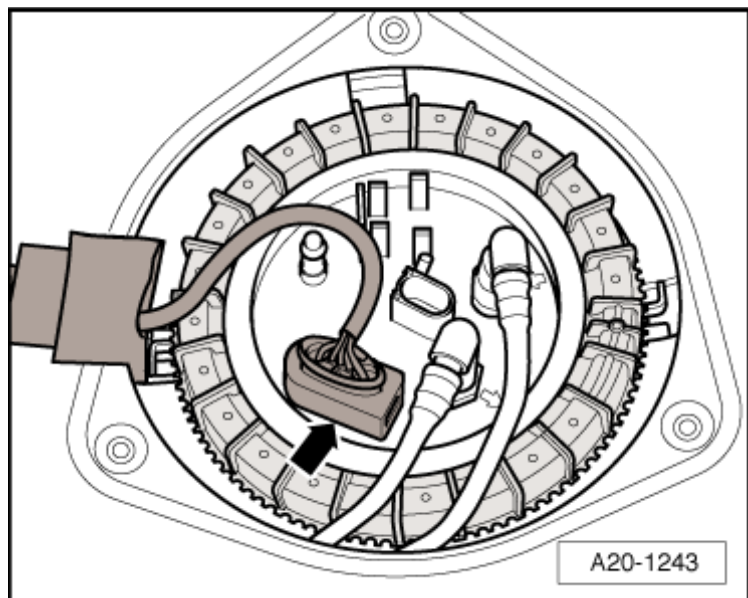
Observe test conditions → [Chapter](#).

Observe rules for cleanliness → Chapter.

- Remove rear seat bench → Rep. Gr.72.
- Unscrew cover for flange (right-side) - arrows-.

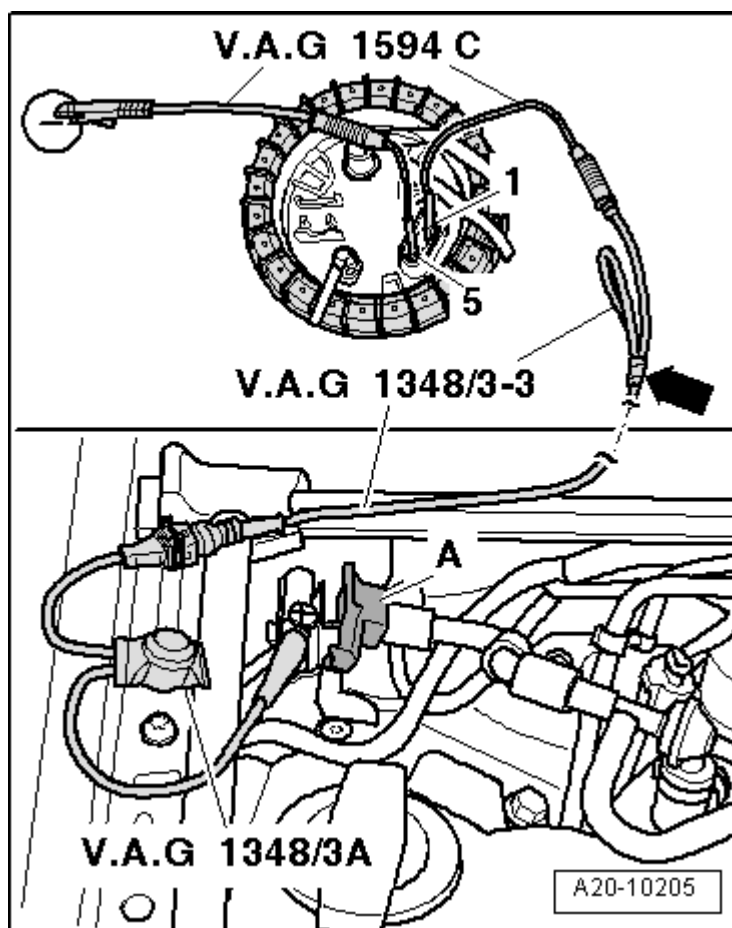


- Unplug electrical connector -arrow- at flange.



- Connect remote control -V.A.G 1348/3A - for V.A.G 1348 to contact -1- using adapter cable -V.A.G 1348/3-3- and test lead from auxiliary measuring set - V.A.G 1594C-.
- Tape off 2nd connector contact of adapter cable -V.A.G 1348/3-3- with insulating tape -arrow- to prevent short circuits.
- Move switch of remote control -V.A.G 1348/3A- for V.A.G 1348 to front of engine compartment.
- Open cover -A- above positive terminal.
- Connect crocodile clamp to positive terminal.
- Connect contact -5- to the body (earth) using a test lead from auxiliary measuring set -V.A.G 1594C-.

- Remove filler cap from fuel filler neck.

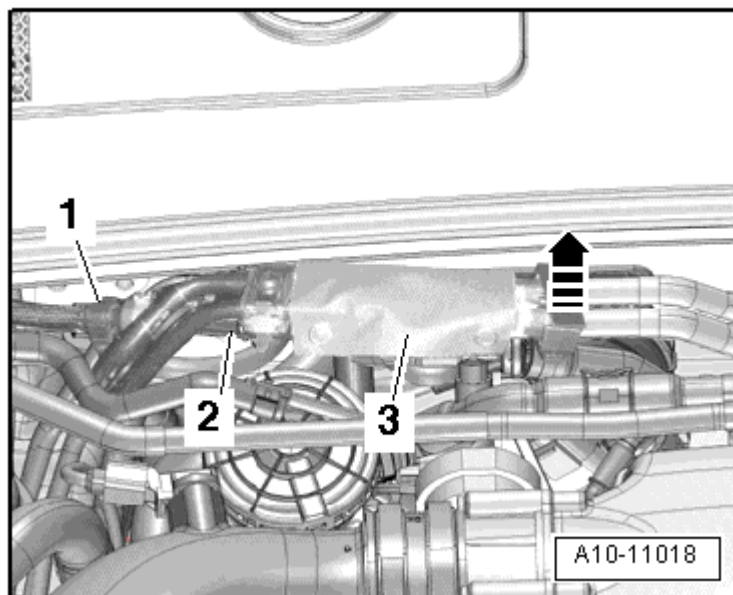


- Open retainer for hoses -arrow-.
- Detach protective sleeve -3-.



Note

Disregard -items 1, 2-.



- Screw connector -V.A.G 1318/23- and adapter -V.A.G 1318/17-1- onto K-Jetronic tester -V.A.G 1318-.

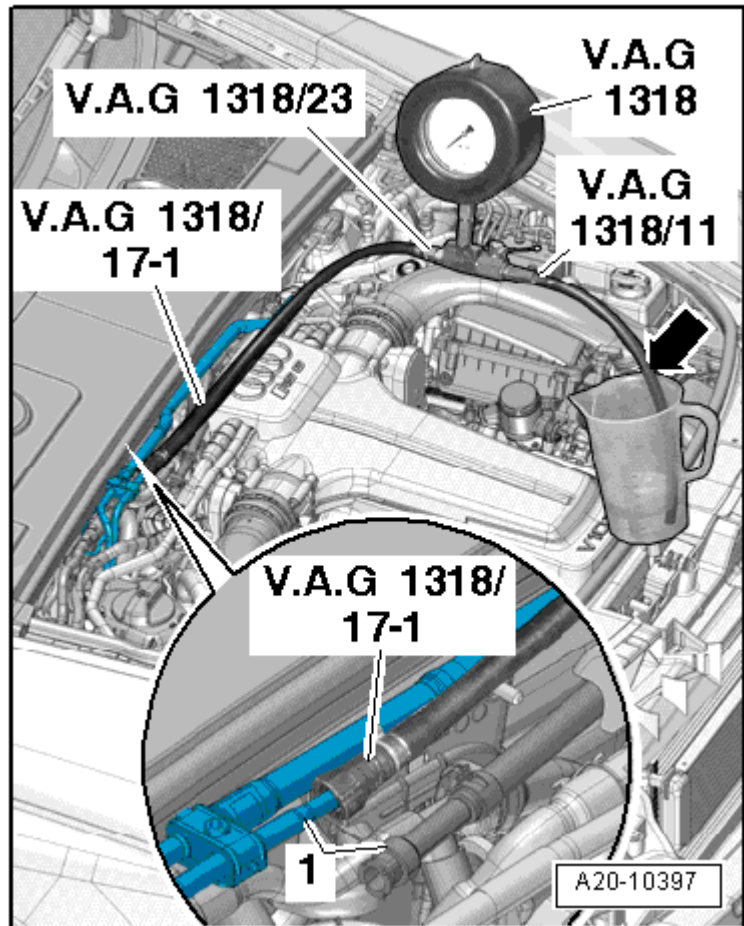


WARNING

Risk of injury - fuel system operates under high pressure.

To reduce the pressure in the fuel system, wrap a clean cloth around the connection and carefully loosen the connection.

- Disconnect fuel pipe -1- (lift release tab).
- Fit adapter -V.A.G 1318/17-1- onto disconnected fuel line.
- Screw adapter -V.A.G 1318/11- onto K-Jetronic tester -V.A.G 1318-. Attach test hose -arrow- and hold end of hose in measuring container.
- Open cut-off valve on pressure tester. Lever must point in direction of flow.
- Build up pressure in fuel system by pressing the remote control and slowly closing the cut-off valve on the pressure tester.
- Specification: 4 bar
- From this point on do not move position of cut-off valve.
- Empty the measuring container.



- Press remote control switch for 15 seconds.
- Compare amount of fuel delivered with minimum delivery shown in diagram (cm³/15 sec.).



Note

Voltage at fuel pump with engine stationary and pump running is approx. 2 volts less than battery voltage.

If minimum delivery rate is not reached, check for the following causes:

- ♦ Fuel lines have been crushed.
- ♦ Fuel filter is blocked.
- ♦ Fuel pump is defective.

Assembly is carried out in the reverse order; note the following:

- Install rear seat bench →Rep. Gr.72.

