

13 53 334**Removing and installing/replacing
pressure line (N55)****Special tools required:**

- [11 8 610](#)
- [13 5 020](#)
- [32 1 270](#)

**Warning!**

Observe warning on cylinder head cover.

Disconnect [negative battery terminal](#) (risk of fire due to short-circuiting on removal).

Electric fuel pump starts up automatically when door is opened!

Carry out installation work on fuel system only with coolant temperature below 40 °C.

**Important!**

Wear full face guard and protective gloves.

Fuel can emerge spontaneously at high speed when the high pressure line is released!

Important!

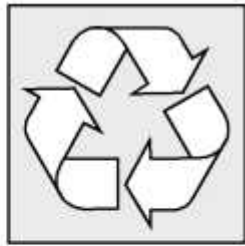
Adhere to conditions of absolute cleanliness when working on the high-pressure fuel system.

Introduced contaminants can cause malfunctions in the



system!

- Do not allow any dirt particles or foreign bodies to get into the system.
- Remove all traces of dirt before removing lines or separate components.
- Use only fluff-free cloths.
- Seal all fuel system openings with protective caps or plugs.
- High pressure lines may be rescrewed a maximum of 10 times.



Recycling:

Fuel escapes when fuel lines are detached.

Catch and dispose of escaping fuel in a suitable container.

Observe country-specific waste disposal regulations.



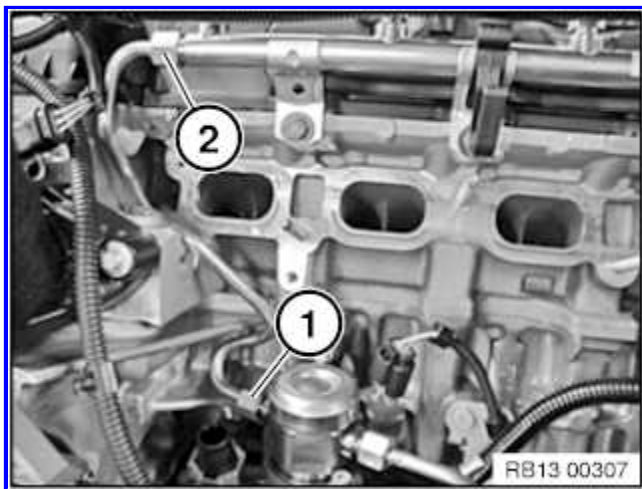
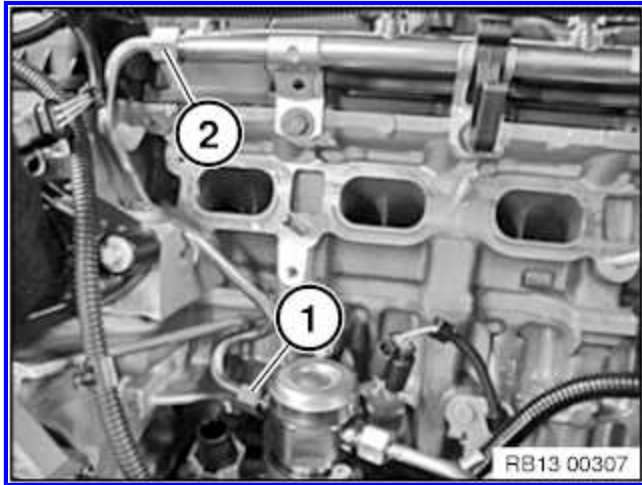
Necessary preliminary tasks:

- Remove [intake plenum](#).

Release nuts (1 and 2).

Remove H.P. line.

Seal connections of high pressure line and the high pressure pump with matching plugs from special tool set [32 1 270](#).



Fit high pressure line.

When reinstalling lines, lubricate the thread and bearing face of the ball with a little transmission oil or grease! When they are installed for the first time the nuts have a coating of lubricant (only effective once). Penetration of lubricant into the fuel-conducting area should be avoided.

Important!

Adhere to the installation procedure!

Lay the high pressure line with the ball bush (1) to the high pressure pump. When doing so, the ball bush (2) of the high pressure line must lie in the centre of the cone on the rail. If the ball bush (2) does not lie in the centre of the cone, the installation position of the rail must be adjusted. To do this the following fuel system components must be released:

- Release pressure lines on injectors and on rail.
- Release mounting bolts on rail.

Follow sequence of screw connections:

1. Fit high pressure line on high pressure pump and on rail hand-tight.
2. Fit high pressure lines between the injectors and the rail hand-tight.
3. Fit mounting bolts on the rail and cylinder head hand-tight.
4. Tighten mounting bolts on rail and cylinder head.
Tightening torque [13 53 2AZ](#).
5. Tighten high pressure line on injectors.
Tightening torque [13 53 9AZ](#).

6. Tighten high pressure line (injector line) on rail.
Tightening torque [13 53 9AZ.](#)
7. Tighten high pressure line (high pressure line between rail and high pressure pump) on rail.
Tightening torque [13 53 8AZ.](#)
8. Tighten high pressure line on high pressure pump.
Tightening torque [13 53 8AZ.](#)



Assemble engine.

Check fuel system for tightness.

Check function of DME.