

13 31 032**Check fuel pressure****Special tools required:**

- [13 0 290](#)
- [13 3 060](#)
- 11 4 310
- [13 0 291](#)
- [13 0 292](#)
- [13 0 293](#)

**Necessary preliminary work:**

- Connect BMW diagnosis system.

**Important!**

Lines are under pressure!

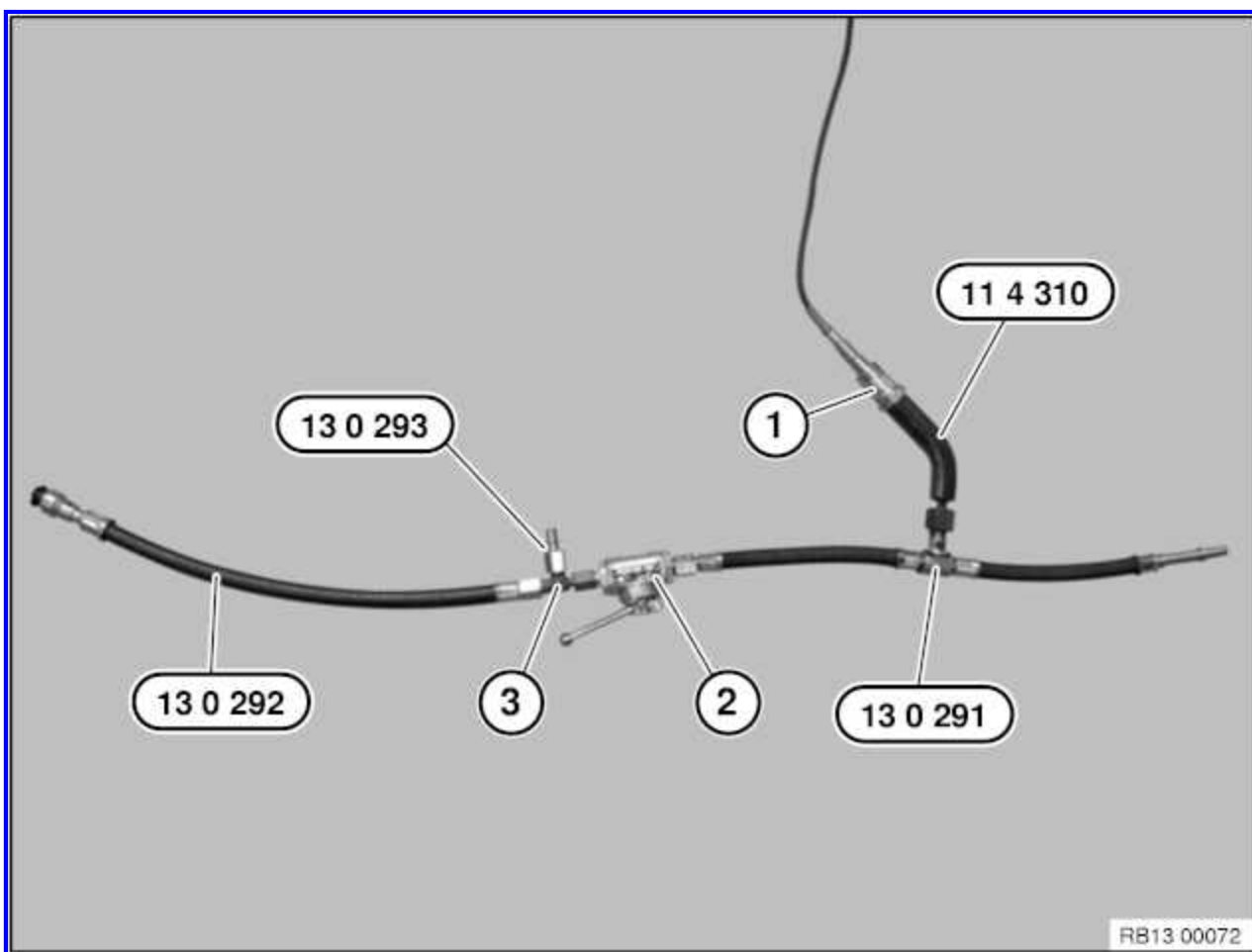
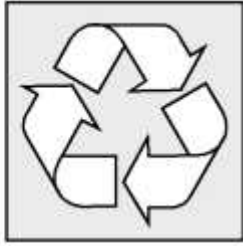
Wear protective goggles and gloves.

Fuel can emerge spontaneously at high velocity when the fuel line is released!

Recycling:

Catch and dispose of escaping fuel with auxiliary materials.

Observe country-specific waste disposal regulations.



Check fuel delivery pressure:

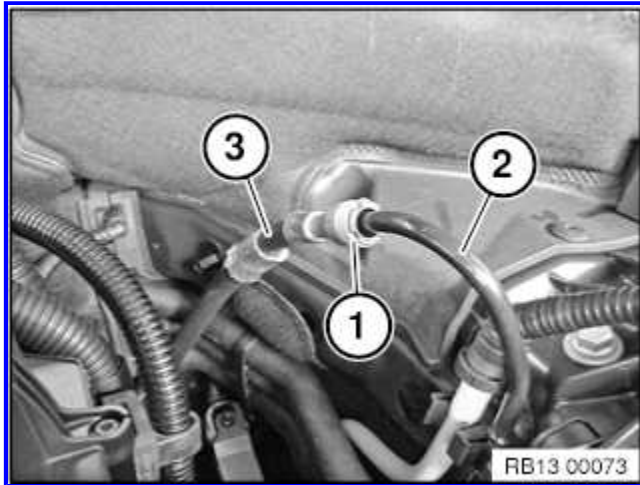
To check the fuel delivery pressure, special tool [13 0 290](#) must be assembled as follows.

Screw adapter [11 4 310](#) onto line [13 0 291](#).
Screw the IMIB 100 bar pressure sensor (1) onto adapter [11 4 310](#).

Alternatively, the pressure gauge from the set of special tools [13 3 060](#) can be screwed onto line [13 0 291](#).

Between lines [13 0 291](#) and [13 0 292](#), mount a shutoff tap (2) and a T-piece (3) from the set of special tools [13 3 060](#).

Close up T-piece (3) from the set of special tools with the cap [13 0 293](#).

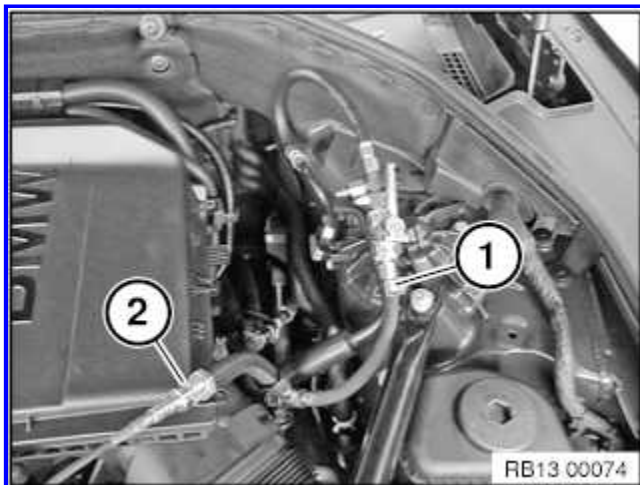


Note:

The graphic shows F07 The procedure is identical for other vehicles.

Remove circlip (1).

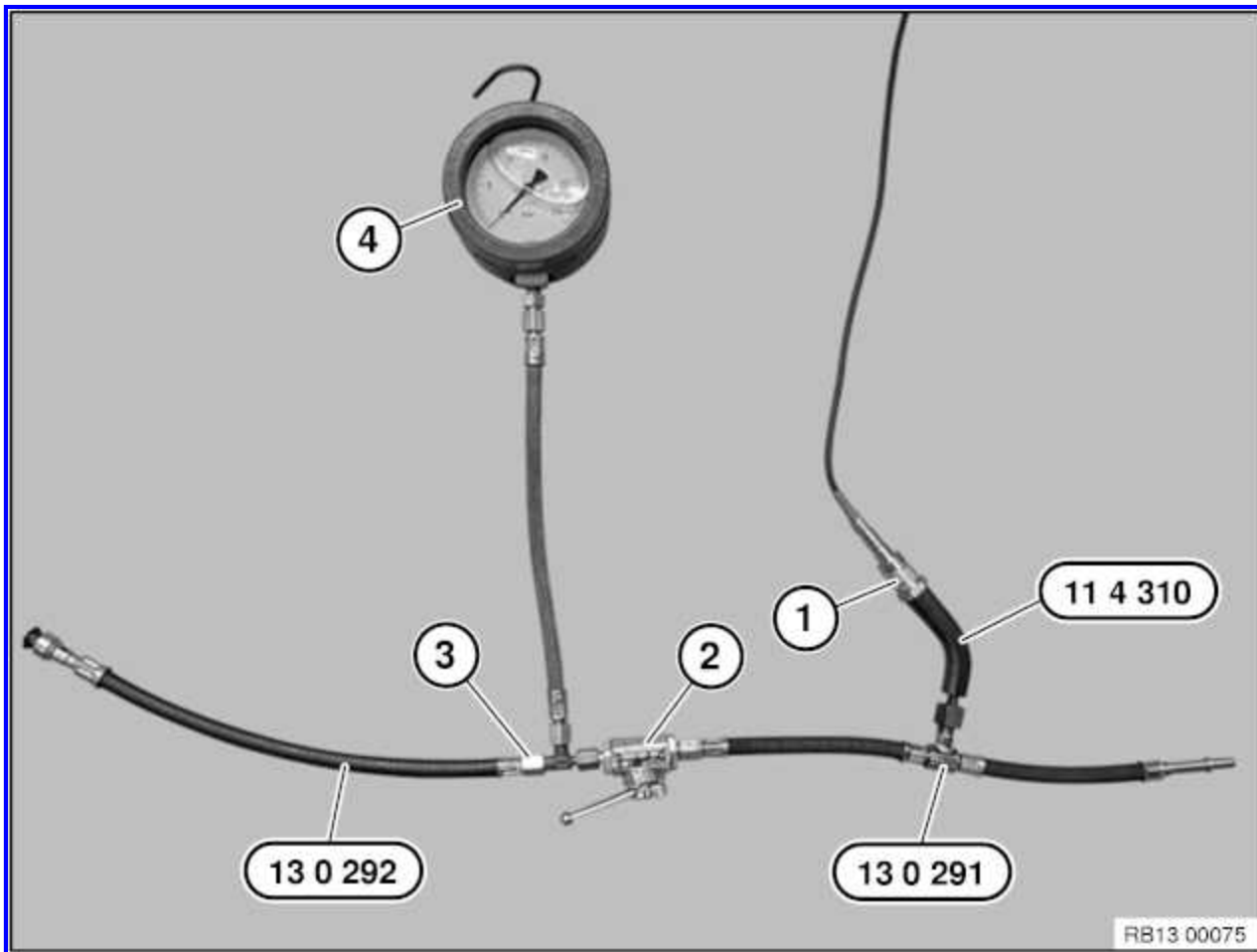
Unlock and detach fuel line (2) to fuel tank from fuel line (2) to high pressure pump.



Install special tool (1) [13 0 290](#) into detached fuel line with IMIB fuel pressure sensor (100 bar).

Connect IMIB with fuel pressure sensor.

Establish fuel delivery pressure. Read off fuel delivery pressure on IMIB and compare with values in diagnosis system.



Check fuel holding pressure:

To check the fuel holding pressure, special tool [13 0 290](#) must be assembled as follows.

Screw adapter [11 4 310](#) onto line [13 0 291](#).
Screw the IMIB 100 bar pressure sensor (1) onto adapter [11 4 310](#).

Alternatively, the pressure gauge from the set of special tools [13 3 060](#) can be screwed onto line [13 0 291](#).

Between lines [13 0 291](#) and [13 0 292](#), mount a shutoff tap (2) and a T-piece (3) from the set of special tools [13 3 060](#).

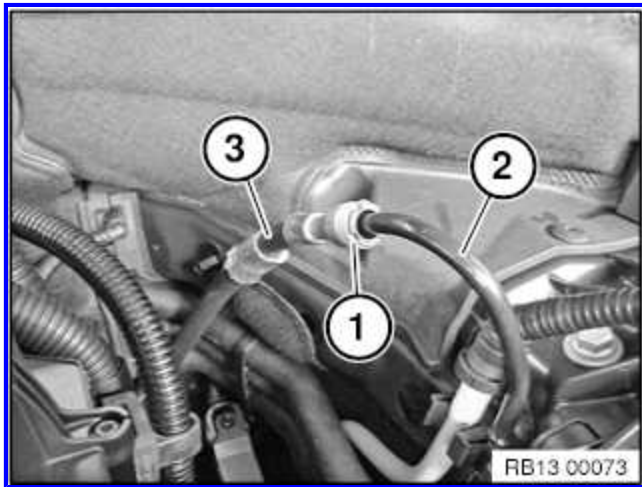
Mount pressure gauge (4) from special tool set [13 3 060](#) onto T-piece (3) from special tool set [13 3 060](#).

Note:

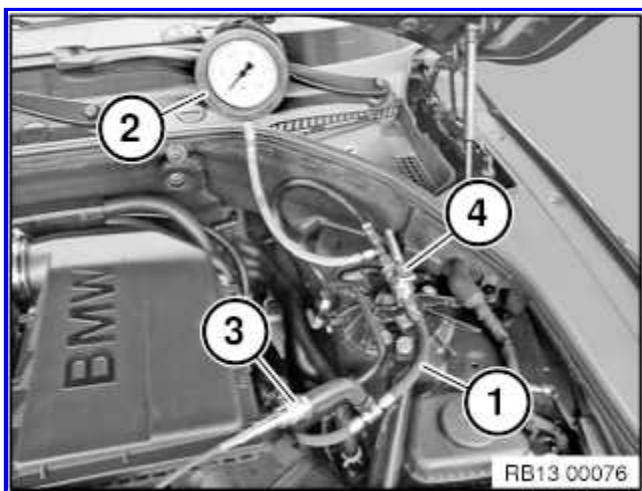
The graphic shows F07 The procedure is identical for other vehicles.

Remove circlip (1).

Unlock and detach fuel line (2) to fuel tank from fuel line (2) to



high pressure pump.



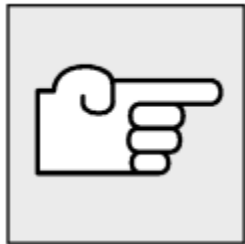
Install special tool (1) [13 0 290](#) with pressure gauge (2) and IMIB 100 bar fuel pressure sensor (3) into the detached fuel line.

Establish fuel delivery pressure.

Close shutoff tap (4) and switch off the engine.

Read off fuel holding pressure of high pressure pump from IMIB tester and compare with values in diagnosis system.

Read off fuel holding pressure to fuel tank on pressure gauge (2) and compare with values in diagnosis system.



Assemble engine.

Check fuel system for leak tightness.