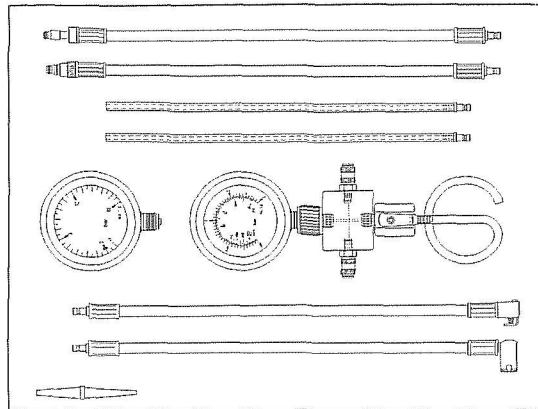


Common Rail Injector , Return Flow Pressure Measurement Tester

For testing the return flow pressure from common rail injectors of Bosch, VDO/Siemens & Delphi engine system. Suitable for testing the condition of a piezo pass or fail statement.



- * Pressure gauge
- * Body transparent
- * Return flow connector
- * drain valve
- * injector connector
- * quick coupling
- * drain tube

Directions for use

1. Select the appropriate pressure gauge and screw-mount it to transparent body.

For Delphi injectors:

pressure range: -1 to 3 bar

For Bosch and VDO/Siemens:

pressure range: -1 to 15 bar

2. Attach the connecting lines to the transparent body .

the connecting lines are marked in pairs, making it easy to identify their assignments.

Disconnect the return line on the vehicle of the injector you wish to test.

Connect this to the return flow connector.

Attach the injector connector to the injector. Close the drain valve .

Test Procedure

Engine start

start the engine and allow it to run at idling speed until the transparent body is completely filled with fuel. read off the pressure or vacuum on the pressure gauge .

Engine will not start

Briefly operate the starter several times so as to fill the transparent body with fuel. Operate the for about 10 seconds. At the same time, read off the pressure or vacuum on the pressure gauge . Compare the actual pressure with the specified pressure.

Removing the tester

- Have a container ready to catch surplus fuel.
- Slowly open the drain valve.
- Catch surplus fuel emerging from the drain tube.
- Reclose the drain valve.
- Disconnect the injector and return line connectors.
- Reconnect the return line of the vehicle to the injector.

NOTE: before removing the tester , depressurise the fuel.