



Common-Rail Diagnostic Kit

For checking control of the flow-pressure circulation on Common-Rail Engines



All vehicle manufacturers whether from Germany or overseas have started to use Diesel-Direct-Injection as applicable to the Common-Rail-System.

In order to avoid system malfunctions, a check of the system fuel flow and pressures should be performed.

Manufacturers' fuel system data should be referenced to when performing the fuel system checks.

The **Common-Rail Diagnostic Kit** can be used to check the fuel system either statically or dynamically. The use of the diagnostic kit will provide the user with data about the current fuel system status or help in pin-pointing the fuel system failure during a diagnostic.



In order to perform these checks the Common-Rail Diagnostic Kit is now available with the following contents:

- 2 pressure gauges
- 2 check hoses with quick connection couplings
- 7 T-pieces with original manufacturer couplings

With the T-pieces, supplied with the accordingly matching manufacturer coupling, the gauges between fuel filter and diesel line can be quickly and effortlessly connected and disconnected.

The kit is supplied with 2 gauges and 2 pressure hoses, in this way it is possible to read the pressure on the 2 different fuel lines, even while driving. With the T-pieces almost all vehicle types from different manufacturers can be checked.

Common-Rail Diagnostic Set

For the control of the flow-pressure circulation on Common-Rail Engines

For testing of the flow-pressure circulation (flow and back flow) on Common-Rail-Diesel engines, the kit is comprised of gauges, pressure hosing and T-pieces with connection couplings for the fuel filter.

Technical Data (Kit content):

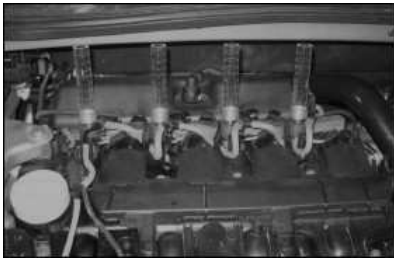
- 1 pc. Gauge with nipple for pressure hose: 0 – 10 bar
- 1 pc. Gauge with nipple for pressure hose: 1 - 5 bar
- 2 pcs. Pressure hoses length 2 m matched with the T pieces and gauge
- 1 pc. T-piece with fuel coupling: diameter 8 mm, spout 30 mm length
- 1 pc. T-piece with fuel coupling: diameter 8 mm, Spout 20 mm length
- 1 pc. T-piece with fuel coupling: diameter 10 mm, Spout 20 mm length
- 1 pc. T-piece with fuel coupling: diameter 10 mm, Spout 30 mm length
- 1 pc. T-piece with special fuel coupling: diameter 8 mm, Spout 20 mm length
- 1 pc. T-piece with special fuel coupling: Ø 9.5 mm, spout 20 mm length
- 1 pc. T-piece with special fuel coupling





Common-Rail Diagnostic Kit

For the functional testing of Common-Rail high pressure injectors



All German and foreign automobile manufacturers in the car and truck business have implemented the use of the diesel Common-Rail direct injection system.

Break downs can occur if the pressures in the fuel supply and return system do not conform to the vehicle manufacturers' data specifications.

To correct any break downs or to achieve a failure-free operation, the fuel pressure cycle needs to be tested. This testing can be done statically or dynamically.



To be able to check all kind of injection systems from Bosch, Siemens, Denso and Delphi you need a universal diagnostic kit for all the Common Rail injection systems.

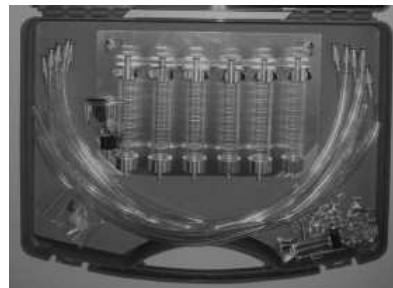
The Lehnert Common-Rail Diagnostic Kit is a complete and versatile injection tool kit to which the major manufacturers of Common-Rail injectors are catered to.

For Bosch injectors it is possible to connect the detector tubes directly on top of the injector. With the supplied fuel hoses combined with the original Bosch, Siemens or Denso plug connectors, using the Lehnert Common-Rail diagnostic Kit is quick and easy and allows for efficient testing of the injectors of the above named manufacturers.

The Delphi system utilises only a hose clip, whereby the adaptor hose can be attached directly.

Common-Rail Diagnostic Kit

For the functional testing of Common-Rail high pressure injectors



Content of the Common-Rail Diagnostic Kit:

- 6 detector tubes: diameter 20mm
 - 1 hose de-coupler
 - 6 adaptor hoses with original Bosch plug connectors: (50cm)
 - 6 adaptor hoses with original Denso plug connectors: (50cm)
 - 6 adaptor hoses for Delphi system: (50cm)
 - 1 chain (1m), adjustable on an aluminium plate
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