PRODUCT INFORMATION

Fuel pressure test kit

now also for measuring flow rates

Product	PIERBURG No.	Replacement for
Fuel pressure test kit	4.07373.20.0	4.07360.51.0
Set of tools for fuel pressure test kit	4.07373.21.0	--

There may be all kinds of reasons behind vehicle malfunctions.
When there are problems with the fuel supply, the first thing to check during fault diagnosis is the fuel pressure and flow.

Motor Service now offers a new fuel pressure test kit (4.07373.20.0) which also allows each garage to measure the flow rate without dismantling the fuel pump .

This new tool can be used to detect faults in all standard fuel delivery systems (petrol, diesel common rail, diesel unit injector, diesel distributor pump and diesel inline pump systems with and without a return line up to a pressure of 8 bar/120 psi):

- Blocked fuel filters or fuel filter screens
- Defective fuel regulators
- Blocked or constructed fuel lines
- Defective fuel pumps and non-return valves
- Leaking fuel in-tank modules
- Visual inspection of fuel for gas bubbles and contamination
- and much more...

Fuel pressure test kit

Specifications:
Max. pressure: 8 bar (120 psi)

Flow rate:
225 l/h (3.8 l/min) petrol
205 l/h (3.5 l/min) diesel

Useful accessories:
Set of tools for fuel pressure test kit (4.07373.21.0) for opening quick connectors

Set of tools for fuel pressure test kit

Fuel pressure test kit (4.07373.20.0)

Typical measured data such as
- pressure when idle
- flow rate when idle
- peak pressure
- peak flow rate

help to accurately diagnose problems with the fuel supply and pinpoint the cause.

The test device is normally connected directly in the stream of fuel. An installation point located along the fuel supply line close to the fuel rail permits for example precise measurement of the fuel pressure and flow rate within the rail.

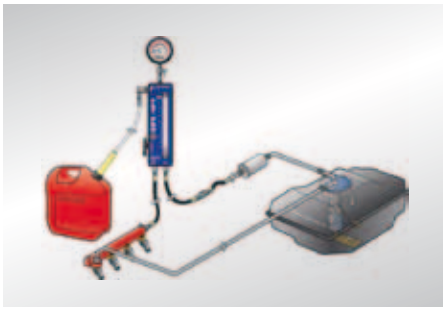
Use in vehicle

A three-way valve makes it possible to simulate full load while the engine continues to idle.

Detailed directions for use including test instructions, value tables and guidelines for fault diagnosis help with troubleshooting.

Not suitable for alternative fuels with a high ethanol content.

Please take note of the safety regulations for highly flammable fuel when using the tools!



Example: Test set-up in fuel system with return line

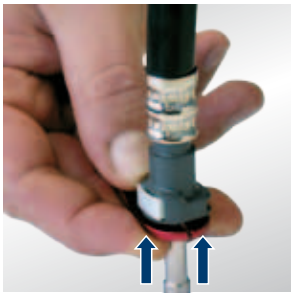
Scope of supply
Fuel pressure test kit (4.07373.20.0):

- Manometer, high-pressure (scale 0 to 8 bar)
- Manometer, low-pressure (scale -1 to 3 bar)
- 2 pressure relief hoses (3 mm $Ø_i$ x 1.8 m)
- 7 adapter lines
- 2 scissor clamps
- 3 assortment boxes with connection adapters for all common injection systems
- Selection of small parts for fixing and sealing
- 2 interchangeable panels for petrol/diesel each with displays in "Litres/min" and "Gallons/min" on the front and back
- Sturdy storage case
- Directions for use, 32 pages (test instructions and tables, hints for fault diagnosis)

$Ø_i$ = Inside diameter

Set of tools for fuel pressure test kit (4.07373.21.0)

Motor Service offers a set of 8 tools to make work easier when opening the quick connectors now used by many vehicle manufacturers . The tools are curved to facilitate access to lines.



The set includes the sizes
- 8 mm (5/16")
- 9.5 mm (3/8")
- 9.5 mm (3/8") cooling line
- 9.5 mm (3/8") oil line
- 13 mm (1/2")
- 16 mm (5/8")
- 19 mm (3/4")
- 22 mm (7/8")