



Sykes-Pickavant
Specialist Tool Solutions



UNIVERSAL DIGITAL PRESSURE TESTER

Sykes-Pickavant

Possible Applications



Fuel Low Pressure



Vacuum Pressure**



Adblue Pressure



Oil Pressure*



**Compression -
Petrol / Diesel**



Turbo Pressure



**Cooling System
Pressure**



**Particle Filter
Pressure**

UNIVERSAL AUTOMOTIVE PRESSURE TESTER

* Adaptors required for entry via oil pressure sensor ** Additional transducer required

**SAVE
EXPORT
PRINT &
SHARE**

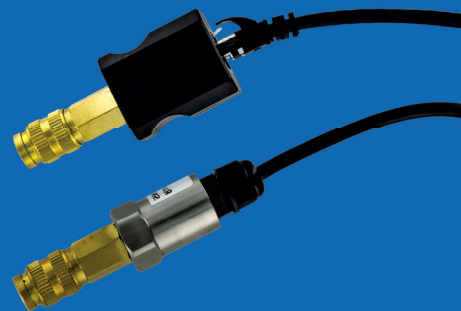


Save, export, print & share results for specific applications

SENSORS

-1 TO 3BAR

0 TO 300BAR



Digital Kit Advantages:

- Easier to see smaller variations in pressure and vacuum
- Option to print results / evidence for reference or to present to customers
- Easier to read and provides more accurate readings than a traditional analogue gauge; which is essential for correct diagnosis on current models
- Suitable for high pressure petrol & diesel readings (with optional transducer & fittings)
- Unit pre-programmed for future add-on kits
- Compatible with previous and existing gauge products from Sykes-Pickavant



COMPREHENSIVE KIT

 33100000



Full Kit Contents:

- Tester
- Sensor 0 to 300Bars
- Sensor 1 > 3Bars
- Universal Diesel Compression Adaptor
- Universal Petrol Compression Adaptor
- Eight specific professional quick coupling adaptors
- Vacuum adaptors

DIGITAL CONVERSION KIT

 331000SP



Basic kit for use with existing Sykes-Pickavant products listed below

- Investment in current SP kits is not wasted due to backwards compatibility
- Includes Digital Multifunction Tester (tablet) & 331000-16 0-300 Bar Sensor with Cable

DIGITAL CONVERSION KIT - BACKWARDS COMPATIBILITY

The **331000SP** can be used with the following Sykes-Pickavant kits

Cooling System Pressure

- 33159500 / V2 / V3
- 33170000 / V2
- 33179500 / V2
- 33179600
- 33180000*
- 33186000*
- 33189000*
- 33189500*
- 33190000
- 33190500

Compression

- 31407500
- 31420000 / V2 / V3
- 31427500
- 31428000
- 31428500 / V2
- 31429500 / V2
- 31430000

Fuel Pressure

- 31461000
- 31468000
- 31469000
- 31480000
- 314800V2
- 314860V2
- 314875V2
- 31489500
- 31492000
- 314925V2

Oil Pressure

- 31470000
- 314700LG

*Requires 03176870 convertor

ACCESORIES

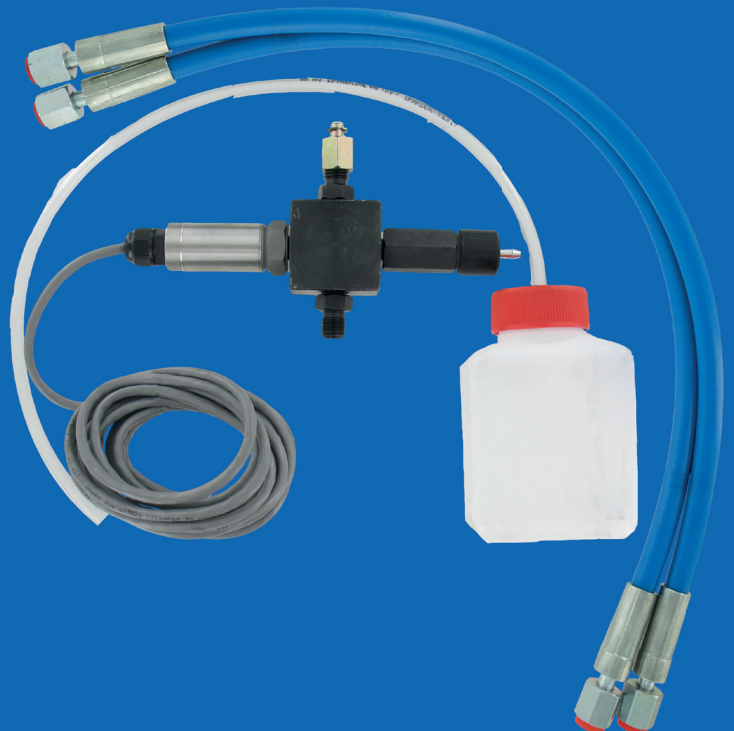
DIESEL HIGH PRESSURE KIT

 33100100

- Easily & safely test the diesel common rail pressure
- Safely test the diesel common rail pressure, both in line ("in series with engine running") and for direct pump pressure (cranking the engine)
- Instead of the pressure information provided by the car's sensor that may have an issue, this set provides all hardware (special sensor, plugs, hoses) to perform a precise and accurate test when used with the 33100000 or 331000SP Digital Pressure Tester
- The hoses included in the set will allow measurement and diagnosis on most usual common rail engines

Includes;

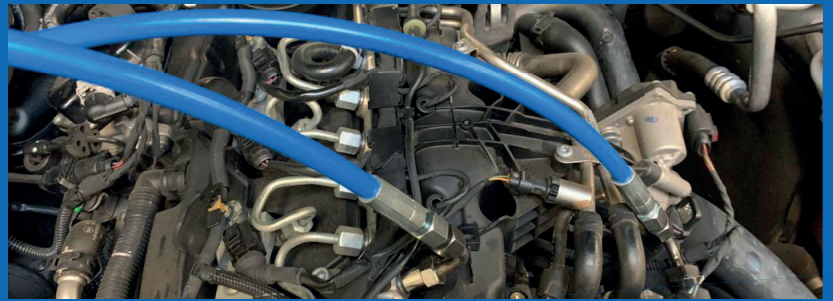
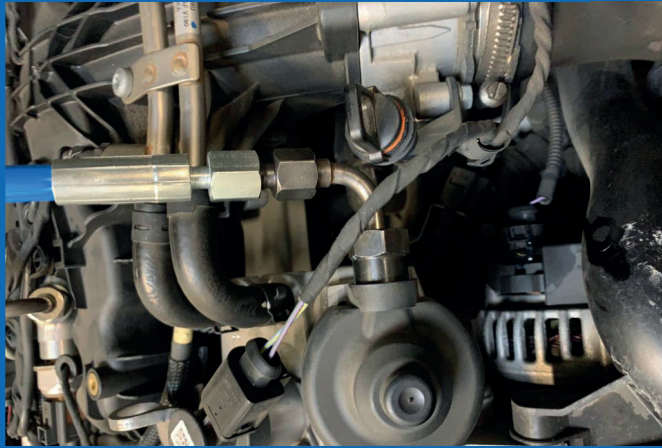
- 2000bar Sensor
- Sensor Plug for direct pump pressure
- 2 x M12 x 150 Hoses for most common applications
- Retrieving Reservoir



DIESEL HIGH PRESSURE ADAPTORS

33100700

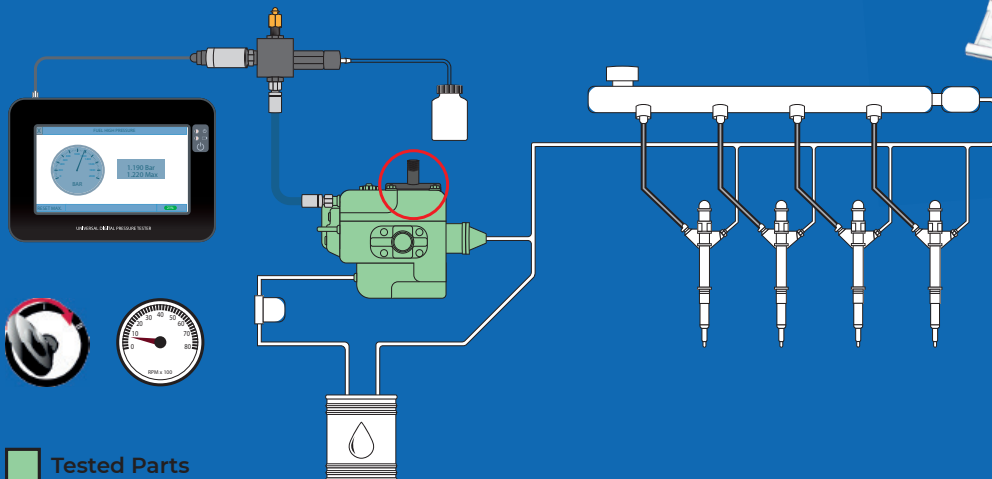
- When used with the 33100100 - Diesel High Pressure Kit, the diesel high pressure of most popular cars on the market can be tested (Delphi, Siemens, Bosch and Denso pumps)
- All adaptors feature an M12 x 150 thread to use with the pressure kit hoses and the others ends are as follows;
- M12x125 (2x)
- M14x150 (2x)
- M14x100 (1x)
- M16x100 (1x)



COMMON RAIL DUMMY REGULATOR SET

33100500

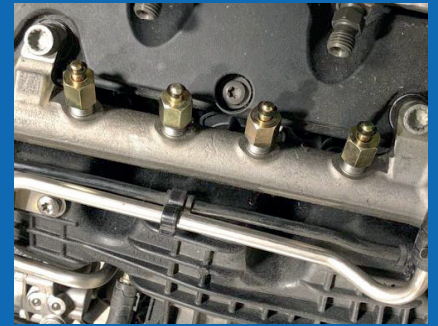
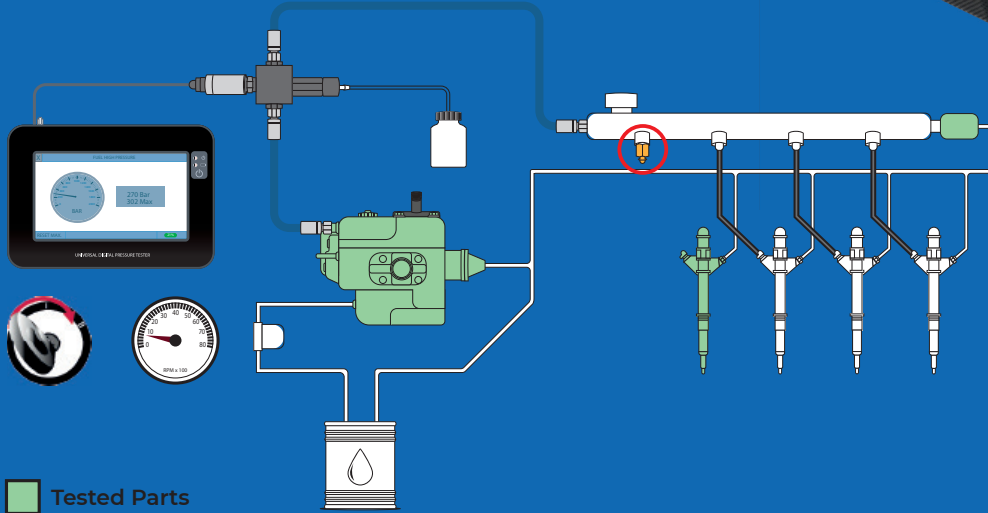
- This set, when used with 33100100, will allow bypass of the pump's regulator and measure the pressure to diagnose any regulator or pump issue
- After observing the weak pump pressure : Simply remove the regulator, and choose the right dummy plug to bypass and seal the port. If the pressure comes return to normal, the regulator causes the loss of pressure. If the pressure stays too low, the pump is defective. This test is recommended by manufacturer of high pressure pumps
- Kit includes 8 different dummy to seal any regulator ports



COMMON RAIL CAP SET

SP 33100400

- When used with the 33100100, this set will allow closure of fuel inlet injectors directly on the common rail to identify whether an injector is leaking or not
- Works for 3, 4, 5 & 6 cylinder engines
- Includes 6 x M12x150 plugs & 6 x M14x150 plugs



PETROL HIGH PRESSURE ADAPTORS

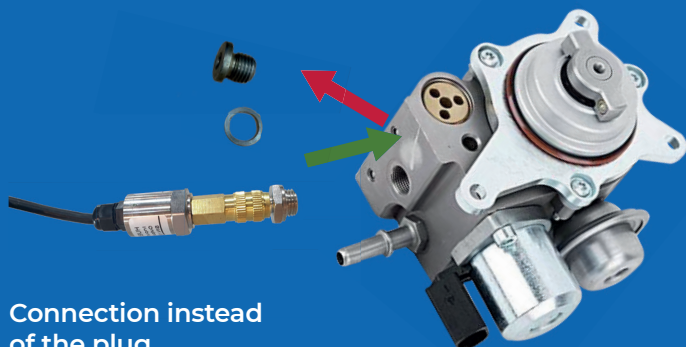
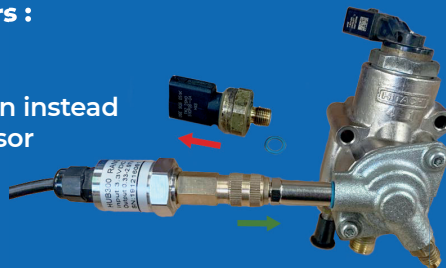
SP 33100300

- Using this kit alongside the 0-300bar sensor included in the 33100000, it's possible to test the High pressure of most popular Petrol engines (FSI, TFSI, TCe, T-Jet, etc.) by using the sensor location or the dedicated plug location

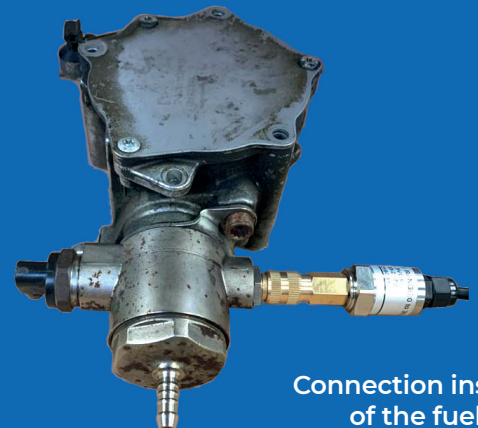
Kit includes the following adaptors :

- HP1 = M12x150
- HP2 = M12x125
- HP3 = M14x150
- HP4 = M10x100
- HP5 = M8x100

Connection instead of the sensor



Connection instead of the plug



Connection instead of the fuel pipe