

# HU35025 UNIVERSAL DIGITAL PRESSURE TESTER

# NEW!

**Hubitools**



## MULTI-FUNCTIONAL

Replaces most pressure tester kits in just ONE set

### Kit includes:

- Tester
  - 7" Color TFT display with resistive touch panel
  - Battery: LiPo 3,7V / 2000mA
  - USB smart battery charge with led indicator
  - PC connection by USB port
  - ABS enclosure with rubber bumper
  - Self-calibration
  - User-friendly touchscreen
  - Multilingual: English, Spanish and French
- Sensor: 0 to 300 Bars (0 to 4351 psi)
- Sensor -1 to 3 Bars (-14.5 to 43.5 psi)
- Universal Diesel Compression Adaptor
  - With this single innovative adaptor, allows technician to test 50+ applications
- Universal Gasoline Compression Adaptor
- Eight specific professional quick coupling adaptors
- Vacuum adaptors

## DISPLAY



- 7" Color TFT display with resistive touch panel
- Battery: LiPo 3,7V / 2000mA
- USB smart battery charge with led indicator
- PC connection by USB port
- ABS enclosure with rubber bumper (Hubitools design)
- All screws are mounted on brass inserts
- 1/4 thread brass insert at back to fix suction cup, etc...

It's digital, so you can save, export, print and share the results!



*Vacuum pressure*



*AdBlue pressure*



*Compression PETROL & DIESEL*



*Oil pressure*



*Cooling system pressure*



*Particle filter pressure*



*Fuel low pressure*



*Turbo pressure*

# T ADAPTORS INCLUDED IN THE HU35025

USE QUICK COUPLER TO FIT MOST OEM CONNECTIONS ON CARS!

- Plug and play
- Flexible

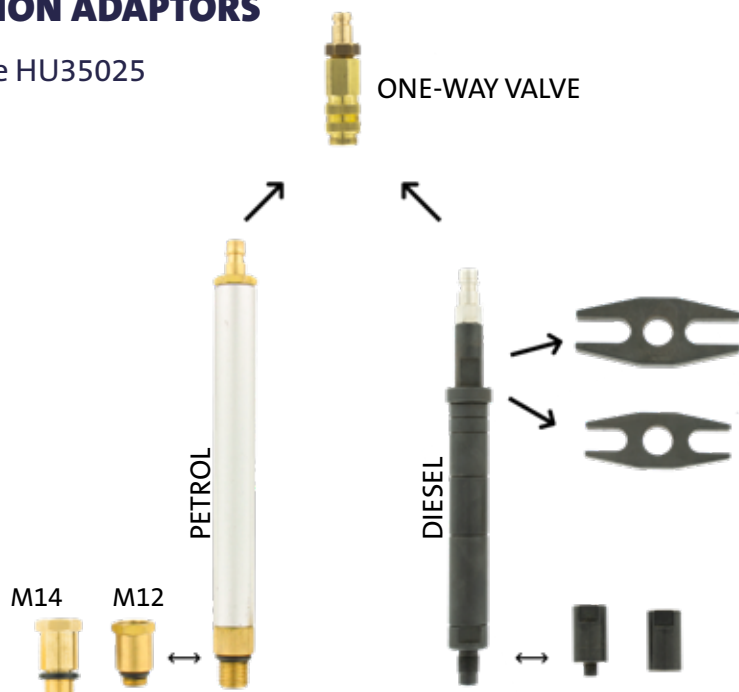


## TEST ADAPTOR KIT



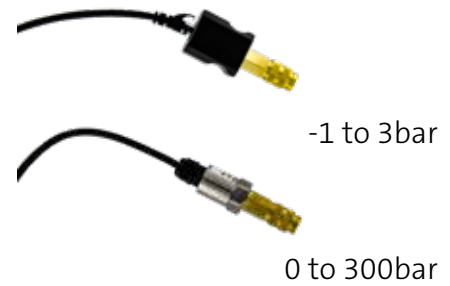
# COMPRESSION ADAPTORS

Included in the HU35025



- Ideal length
- Quick coupler

- Ideal length
- 2 sizes injector clamp to cover the whole range.
- 2 types of nozzle head for older and newer generation Common Rail injectors



## ADAPTOR MITYVAC 2.0

HU35025-12

**MORE ADAPTORS AVAILABLE  
FOR THE PRESSURE TESTER**

**Get the electronic precision of 0.01bar while generating a pressure/vacuum with the Mityvac pump**

USE THE MITYVAC PUMP IN COMBINATION WITH THE HU35025 UNIVERSAL PRESSURE TESTER

### APPLICATION EXAMPLE

- Vacuum test of the AdBlue tank's air vent
- Vacuum test of the throttle body
- Vacuum test of the vacuum hoses
- Vacuum or pressure test of airtightness of control systems of EGR (evap), turbo, Wastegate
- Vacuum or pressure test of any sensors (sensor removed from the car: comparing results between our tool and the OBD source)



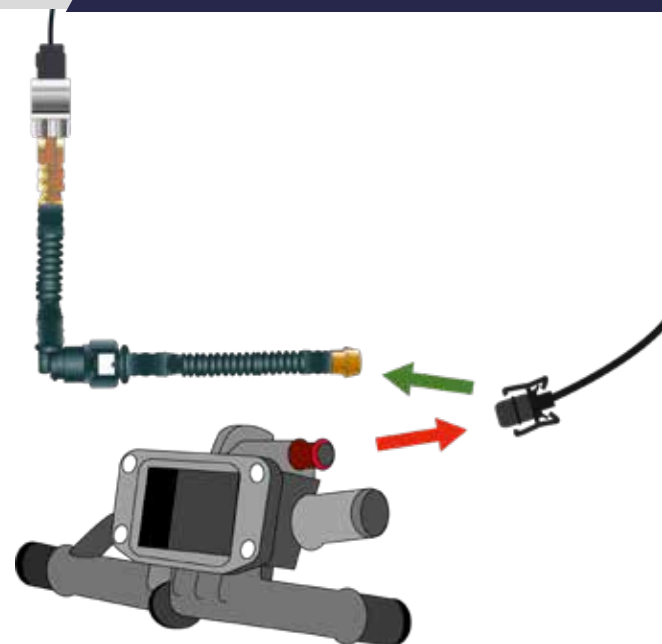
**GIVE YOUR PUMP A DIGITAL  
ACCURACY OF 0.01bar!**

## COOLING SYSTEM ADAPTER

HU35025-13

**IDEAL ADAPTER TO TEST  
MODERN COOLING SYSTEM**

- This adapter can be used either along with the other T adapters already included in the HU35025 or alone to perform a pressure test of the cooling system
- Its design reproduces the OEM connection allowing to connect in various spots in the cooling system (help locate an issue by bypassing some elements)
- Example of use, connect to the line that goes to: EGR coolant port, radiator pressure release port, controlled thermostat port, coolant reservoir port



Ex: Controlled Thermostat



## SCHRADER ADAPTERS

HU35025-14 / HU35025-15 / HU35025-16

**MORE ADAPTORS AVAILABLE FOR THE PRESSURE TESTER**

- These adapters allow for fuel low pressure testing of engines using Schrader type connectors inlets for pressure testing. (Ford, GM, etc.)
- Also allow for cooling system pressure testing on cars equipped with schrader type coolant bleeding valve



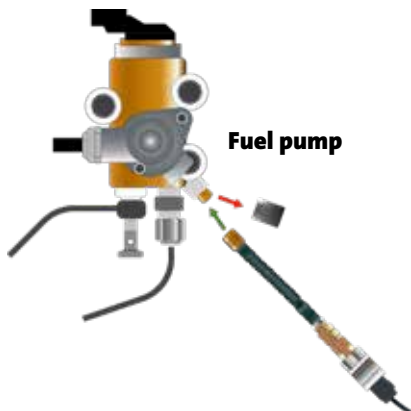
**7/16" X 20 UNF**  
HU35025-14



**8V1**  
HU35025-15



**M8X100**  
HU35025-16



**Fuel pump**



**FSI pump**



**Cooling system**

## GASOLINE HIGH PRESSURE ADAPTERS

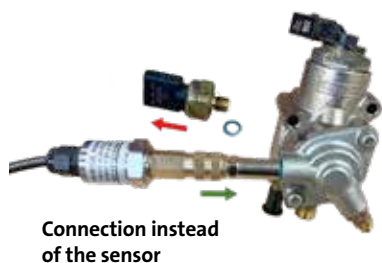
HU35029

**NEW**

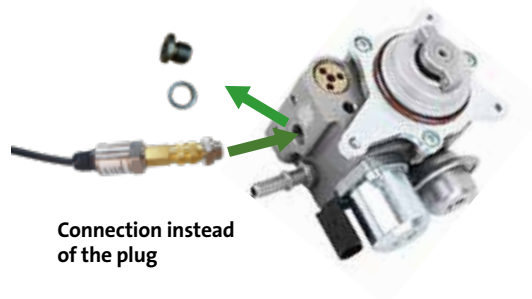
- This Kit allows, using the 0-300bars sensor included in the HU35025, to test the Gasoline High pressure of most popular gasoline (Petrol) engines (FSI, TFSI, TCe, T-Jet, Etc.) Both using the sensor location or the dedicated plug location

**Kit includes the following adapters :**

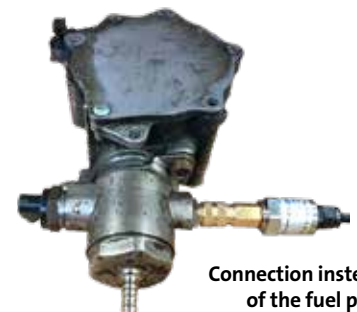
- HP1 = M12x150
- HP2 = M12x125
- HP3 = M14x150
- HP4 = M10x100
- HP5 = M8x100



**Connection instead of the sensor**



**Connection instead of the plug**



**Connection instead of the fuel pipe**

# DIESEL HIGH PRESSURE KIT

HU35026

**NEW**

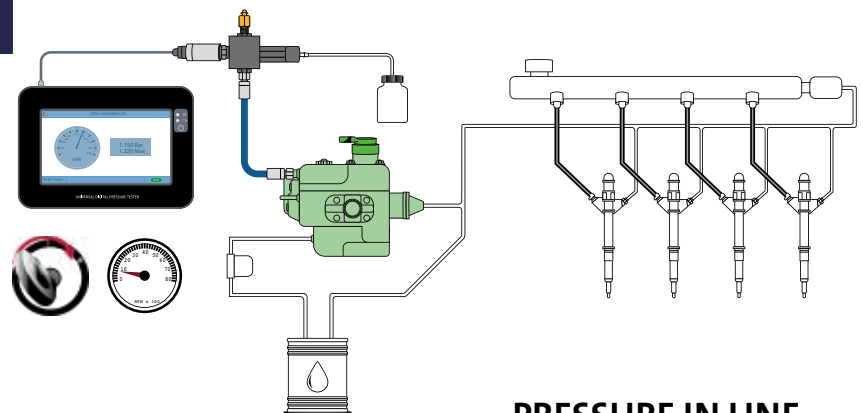
## EASILY & SAFELY TEST THE DIESEL COMMON RAIL PRESSURE

With this set, the technician will be able to safely test the diesel common rail pressure both in-line (in series with engine running) and for direct pump pressure (cranking the engine).

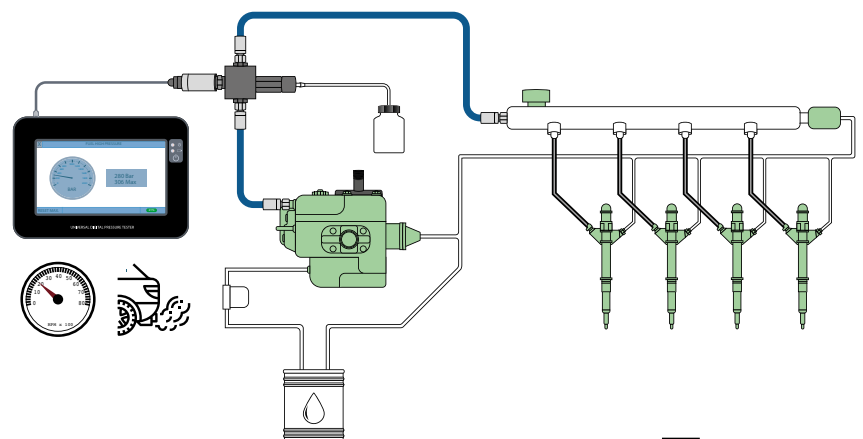
This kit provides all the hardware (special sensor, plugs, hoses) to perform a very precise and accurate test in conjunction with the HU35025 Universal Digital Pressure Tester. The hoses included in the kit will allow the technician to measure and diagnose most usual common rail applications.

### Kit includes :

- 2000 Bars (29000 psi) Sensor
- Sensor plug for direct pump pressure
- 2x M12 x 150 hoses for most common applications
- Fuel capturing reservoir



**PRESSURE IN LINE**



 Tested parts

## LAST GENERATION DIESEL ADAPTERS

HU35028

- This set, in association with the HU35026 will allow to test the diesel high pressure of most popular cars in the market. (Delphi, Siemens, Bosch and Denso pumps)
- One end of the adapters always has a M12x150 thread to fit our hoses.

The other ends are:

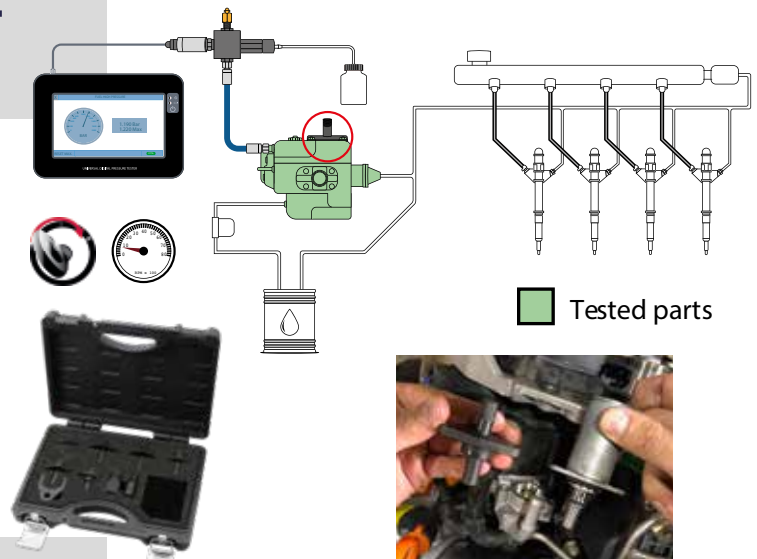
- M12x125 (2x)
- M14x150 (2x)
- M14x100 (1x)
- M16x100 (1x)



## COMMON RAIL DUMMY REGULATOR SET

HU35031

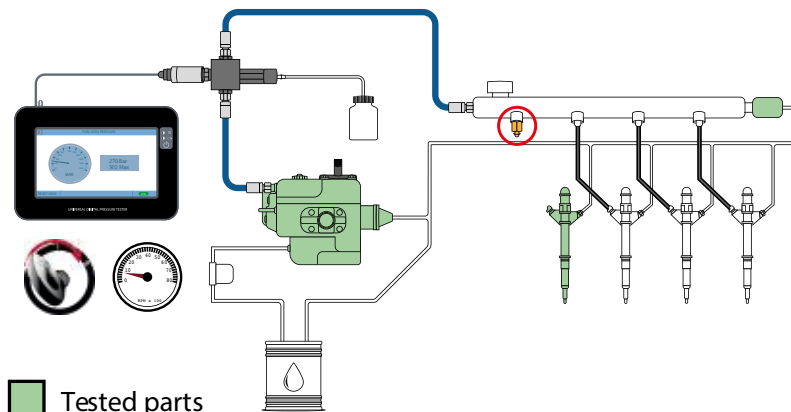
- This set, used in association with HU35026, will allow to bypass the pump's regulator and measure the pressure to diagnose any regulator or pump issue
- After observing the weak pump pressure : Simply remove the regulator, and choose the right dummy plug to bypass and seal the port. If the pressure comes back 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 CAPS SET

HU35030

- Used in association with HU35026, this set will allow to close injectors fuel inlet directly on the common rail. The purpose of this operation is to identify if an injector is leaking or not
- Works for 3, 4, 5 and 6 cylinders engines
- Kit includes 6x M12x150 plugs and 6x M14x150 plugs



For more information:



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