

JANUARY 2021



## PressureDiag<sup>®</sup>

Universal Automotive Pressure Tester

**NEW**

COOLING SYSTEM ADAPTER	➔	P.8
SCHRADER ADAPTERS	➔	P.9
LAST GENERATION DIESEL ADAPTERS	➔	P.11
GASOLINE HIGH PRESSURE ADAPTERS	➔	P.13





### Multifunction Universal Pressure Tester **HU35025**

#### Kit includes:

- 7" Color TFT display with resistive touch panel
- Sensor -1 to 3bar
- Sensor 0 to 300bar
- Universal Diesel Compression Adaptor
- Universal Petrol Compression Adaptor
- 9 specific professional quick coupling adaptors
- Vacuum adaptors



-1 to 3bar

0 to 300bar

**SAVE, EXPORT, PRINT  
AND SHARE YOUR RESULTS!**



*Vacuum pressure*



*Compression PETROL  
& DIESEL*



*Cooling system  
pressure*



*Fuel low pressure*



*AdBlue pressure*



*Oil pressure*



*Particle filter pressure*

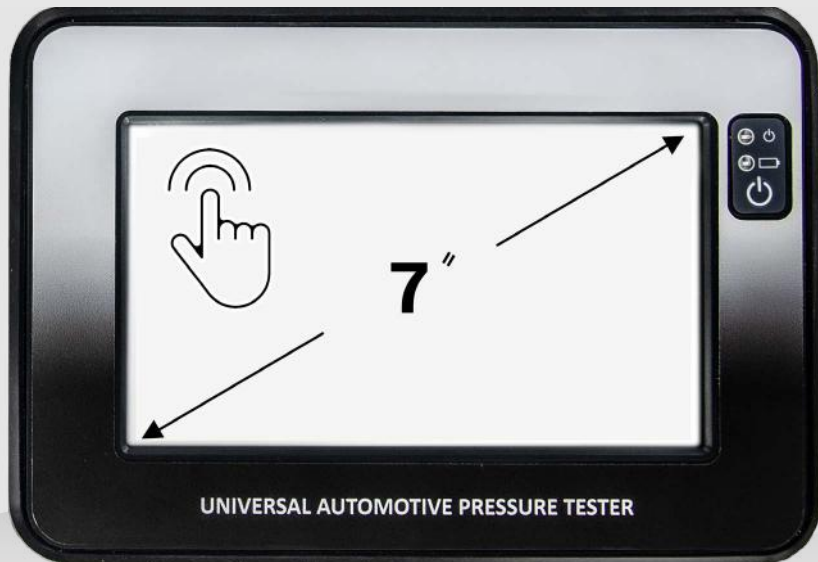


*Turbo pressure*



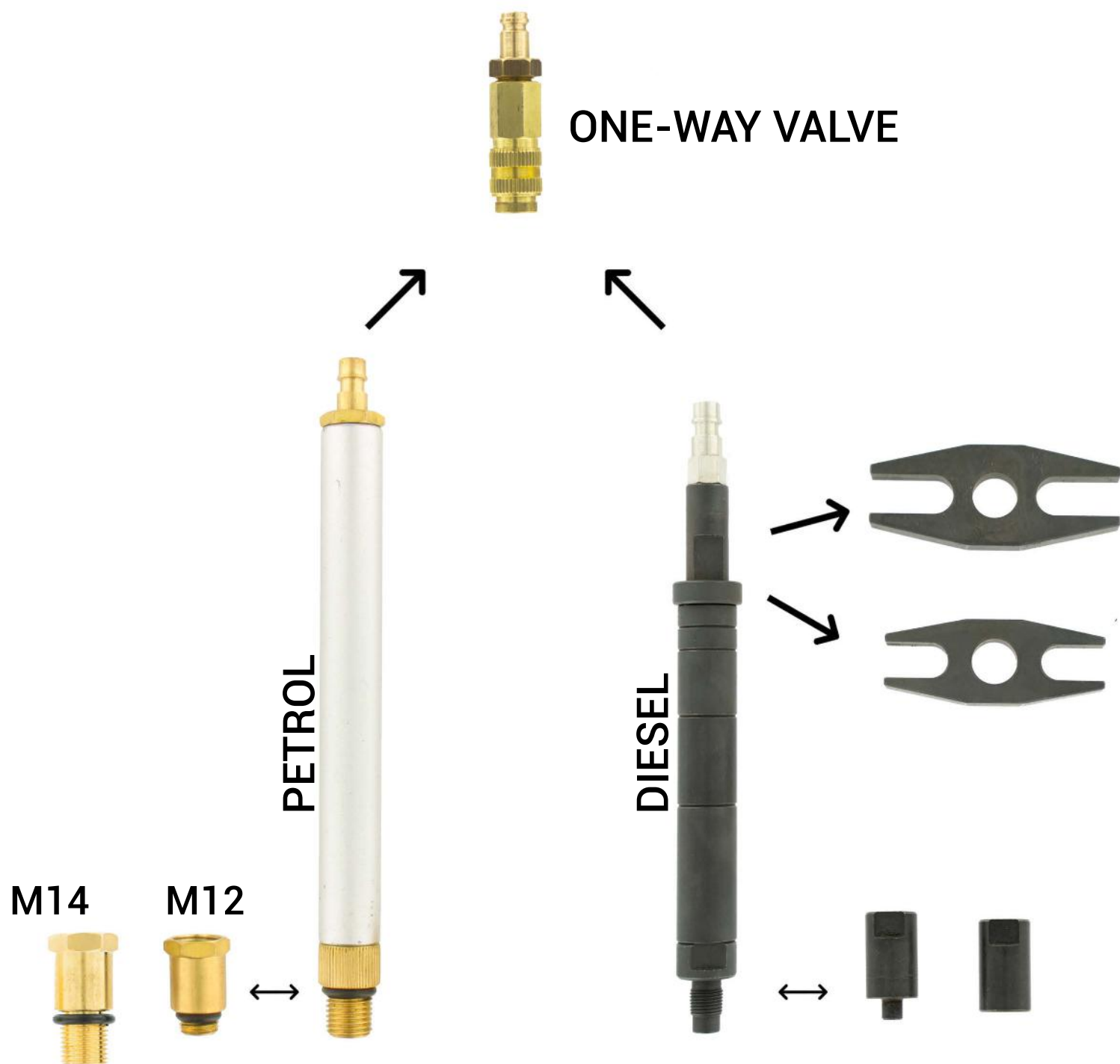


## DISPLAY



- 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...

## COMPRESSION ADAPTORS



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

T ADAPTORS  
INCLUDED IN THE HU35025

- Plug and play
- Flexible



TEST ADAPTOR KIT







## Dedicated Diesel and Gasoline Compression Tester

HU35020

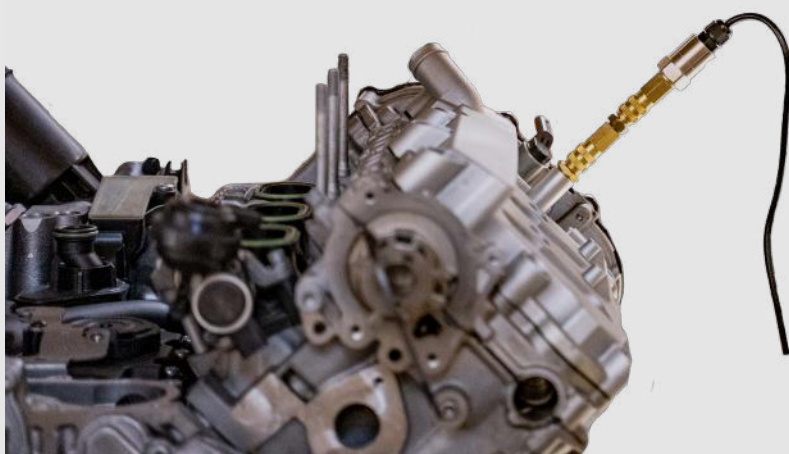
### Kit includes:

- 7" Color TFT display with resistive touch panel
- Sensor 0 to 30bar
- Universal Diesel Compression Adaptor
- Universal Petrol Compression Adaptor

**SAVE, EXPORT, PRINT  
AND SHARE YOUR RESULTS!**



## GASOLINE COMPRESSION



## DIESEL COMPRESSION





### Dedicated AdBlue & Fuel Pressure Tester HU35021

- 7" Color TFT display with resistive touch panel
- Sensor -1 to 3bar
- Sensor 0 to 300bar
- 4 specific professional quick coupling adaptors for AdBlue and Fuel low pressure



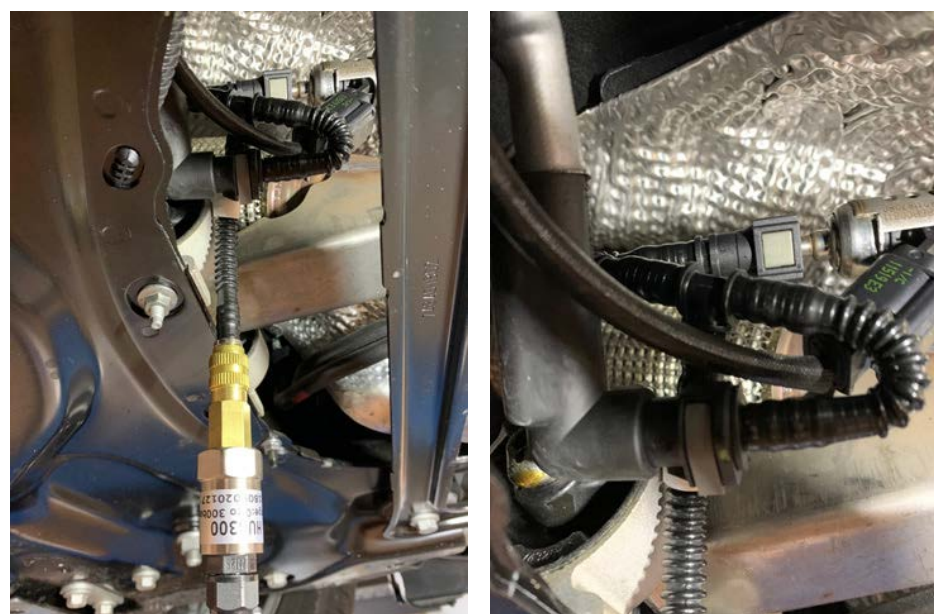
Fuel low pressure



AdBlue pressure



**SAVE, EXPORT, PRINT  
AND SHARE YOUR RESULTS!**



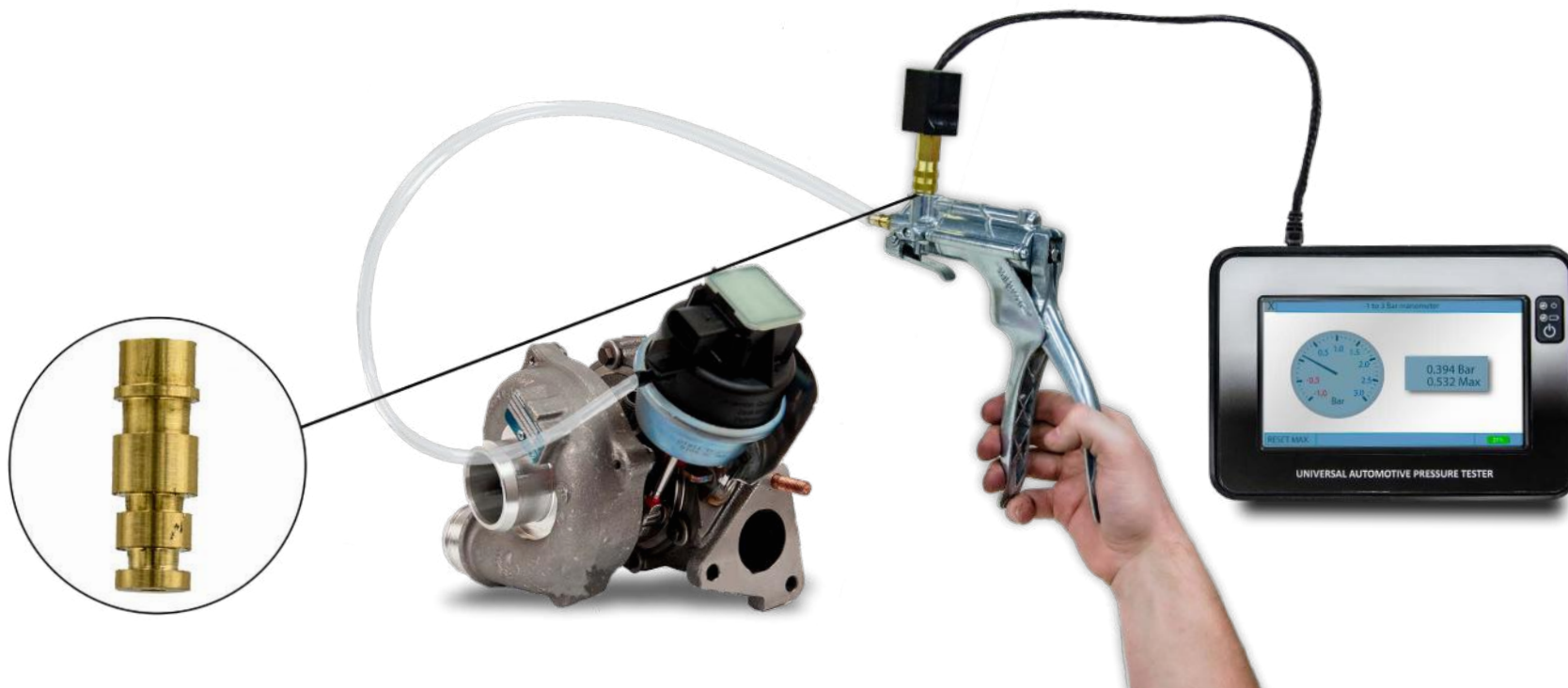
**MORE ADAPTORS AVAILABLE  
FOR THE PRESSURE TESTER**

**ADAPTOR MITYVAC 2.0**

HU35025-12

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

**Get the electronic precision of 0,01bar  
while generating a pressure/vacuum with  
the Mityvac pump**



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

**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)



## COOLING SYSTEM ADAPTER

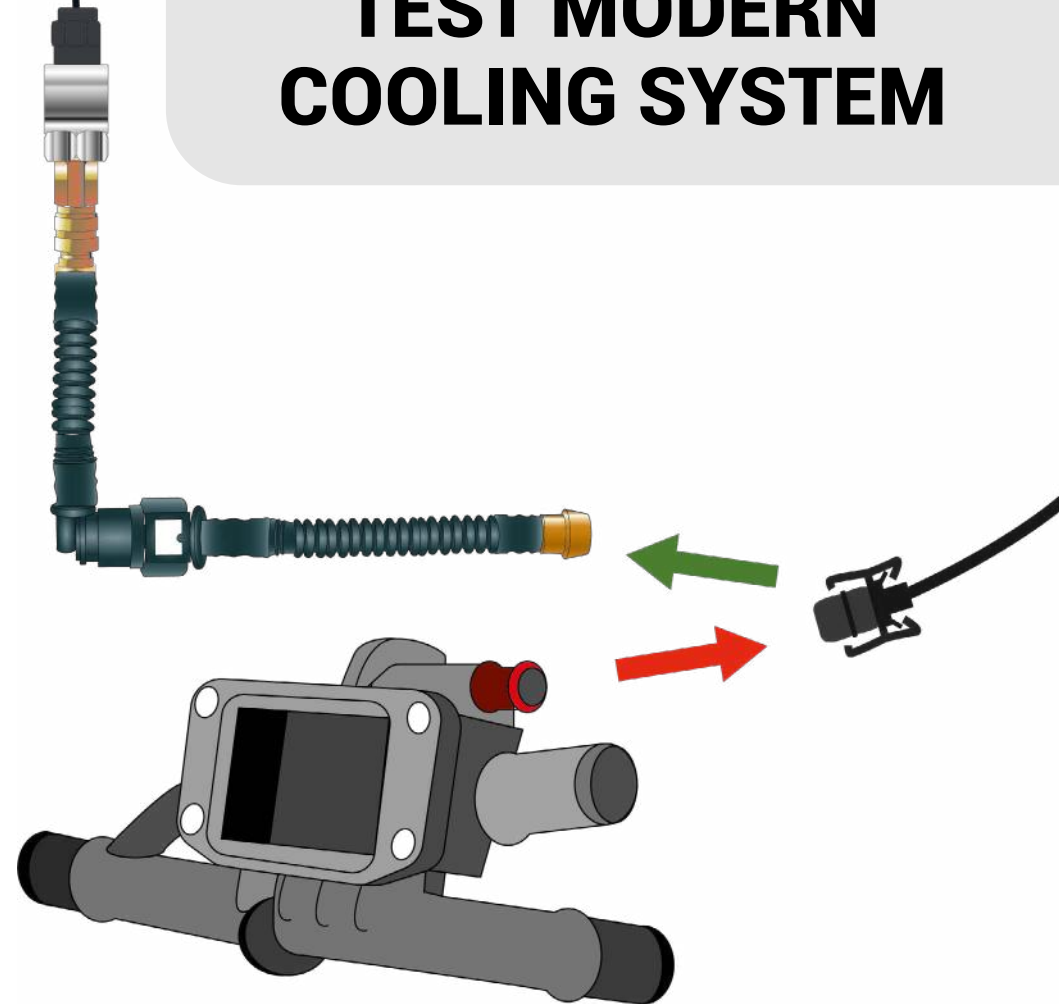
HU35025-13

- 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,...



**NEW**

**IDEAL ADAPTER TO  
TEST MODERN  
COOLING SYSTEM**



**Ex: Controlled Thermostat**





## SCHRADER ADAPTERS

HU35025-14  
HU35025-15  
HU35025-16

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

**NEW**



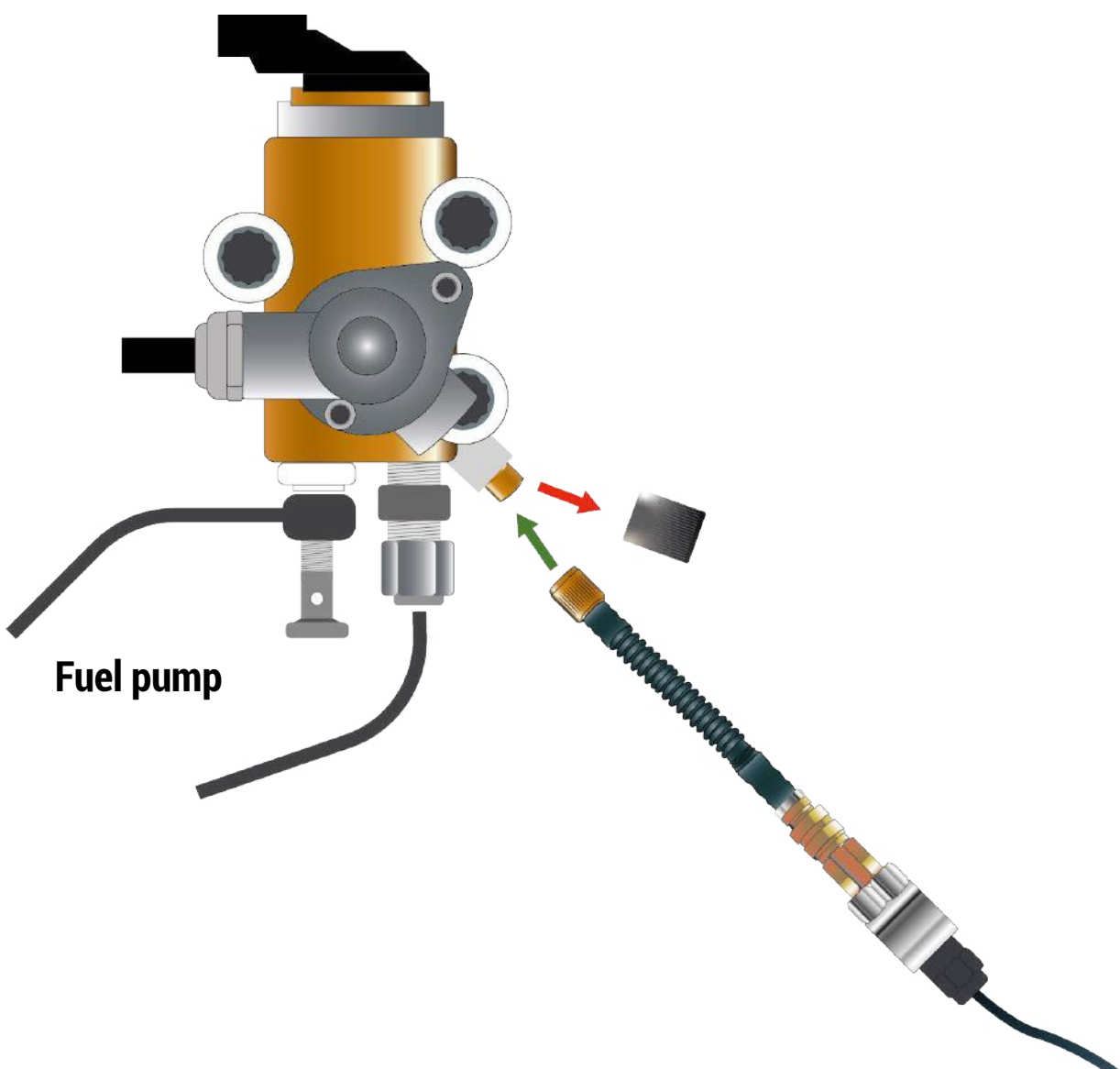
**7/16" X 20 UNF**  
HU35025-14



**8V1**  
HU35025-15



**M8X100**  
HU35025-16



**FSI pump**



**Cooling system**



### DIESEL HIGH PRESSURE KIT

HU35026

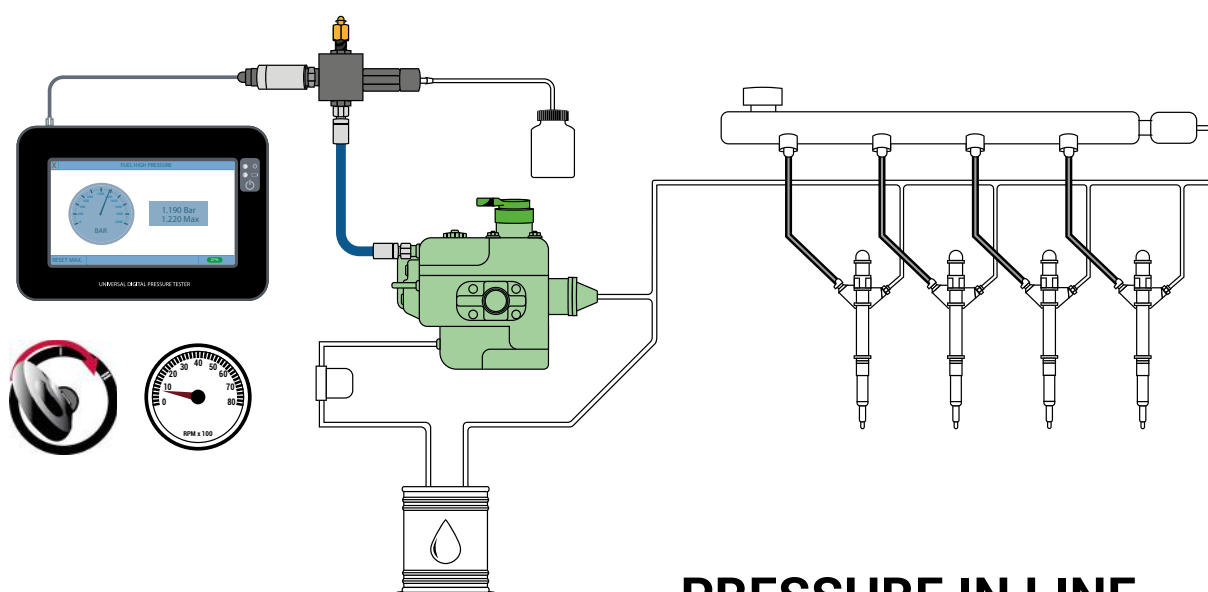
- Easily & safely test the diesel common rail pressure
- Thanks to this set, the mechanic will be able to safely test the diesel common rail pressure, both in line ("in serie with engine running") and for direct pump pressure (Cranking the engine)
- Unlike simply having the pressure information with the sensor of the car (this sensor may have an issue), our set provides all the hardware (special sensor, plugs, hoses) to perform a very precise and accurate test in association with our digital tester HU35025 (or HU35020). The hoses included in the set will allow to measure and diagnose most usual common rail engine
- Kit includes a 2000bar sensor, a sensor plug for direct pump pressure, 2x M12 x 150 hoses for most common applications and a retrieving reservoir



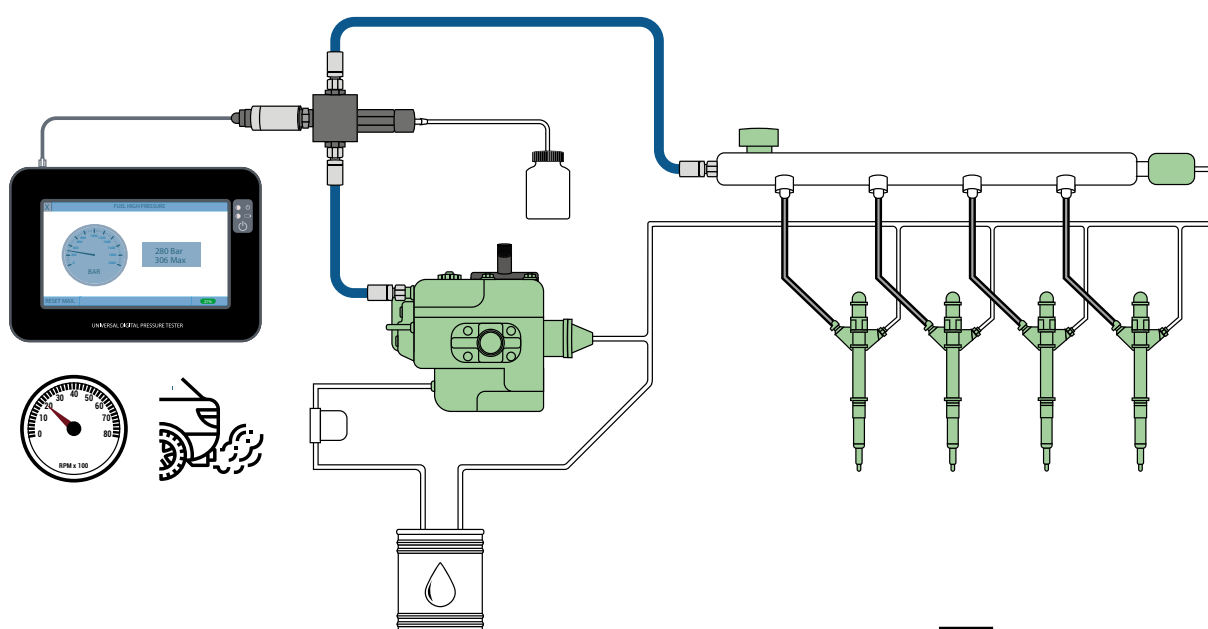
### ACCESSORY KITS AVAILABLE FOR THE PRESSURE TESTER



MAX PRESSURE



PRESSURE IN LINE



 Tested parts



## LAST GENERATION DIESEL ADAPTERS

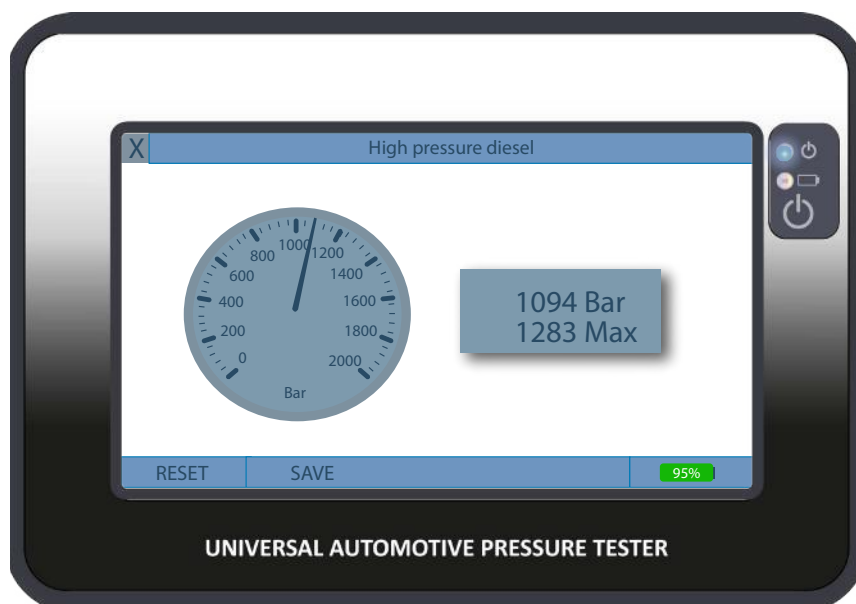
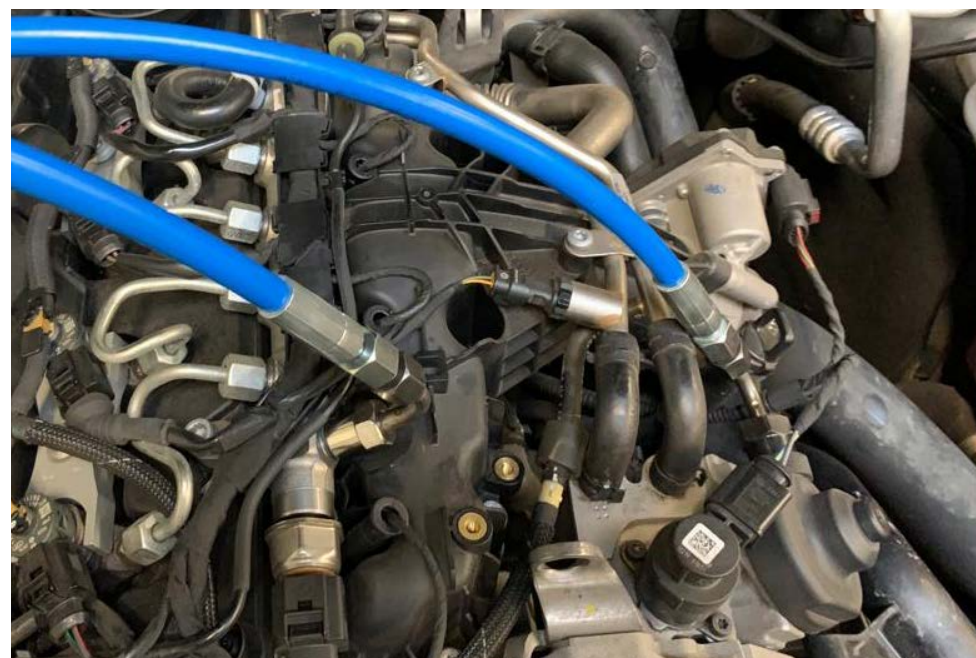
HU35028

- 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)



NEW

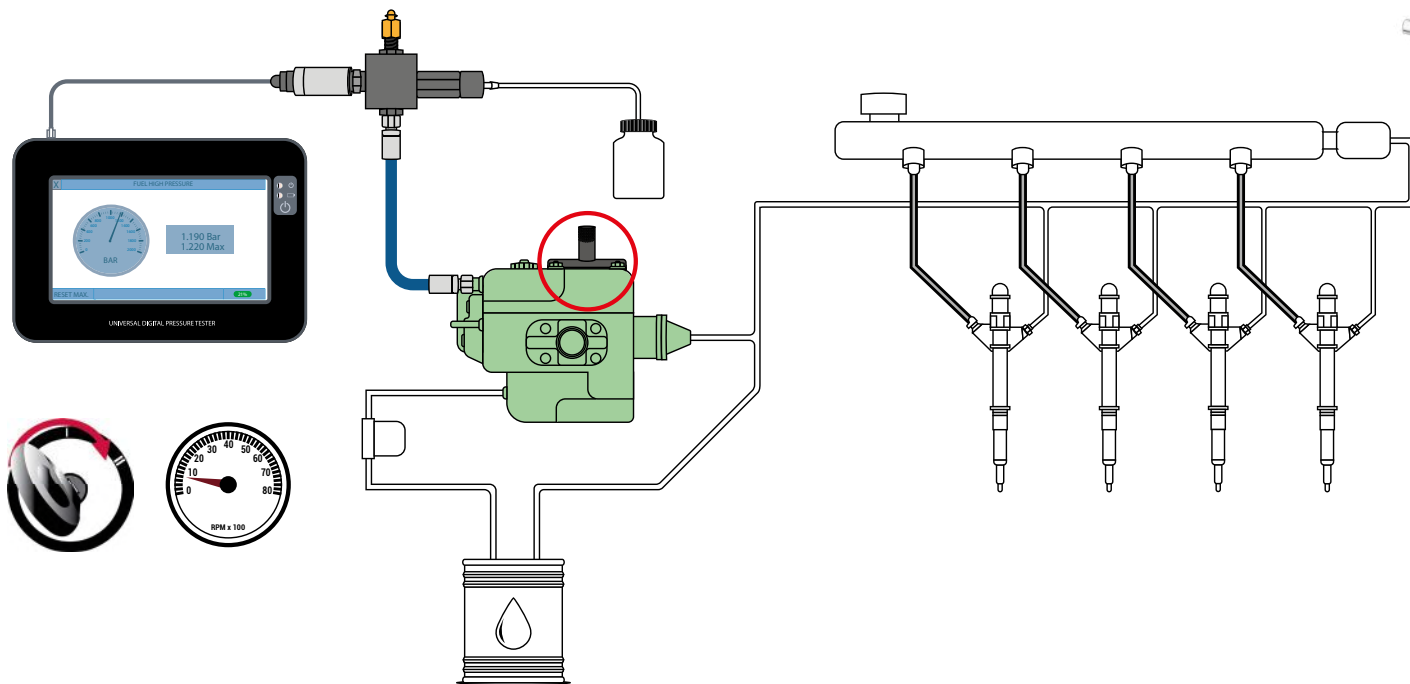
IDEAL FOR CONNECTING IN TIGHT AREA





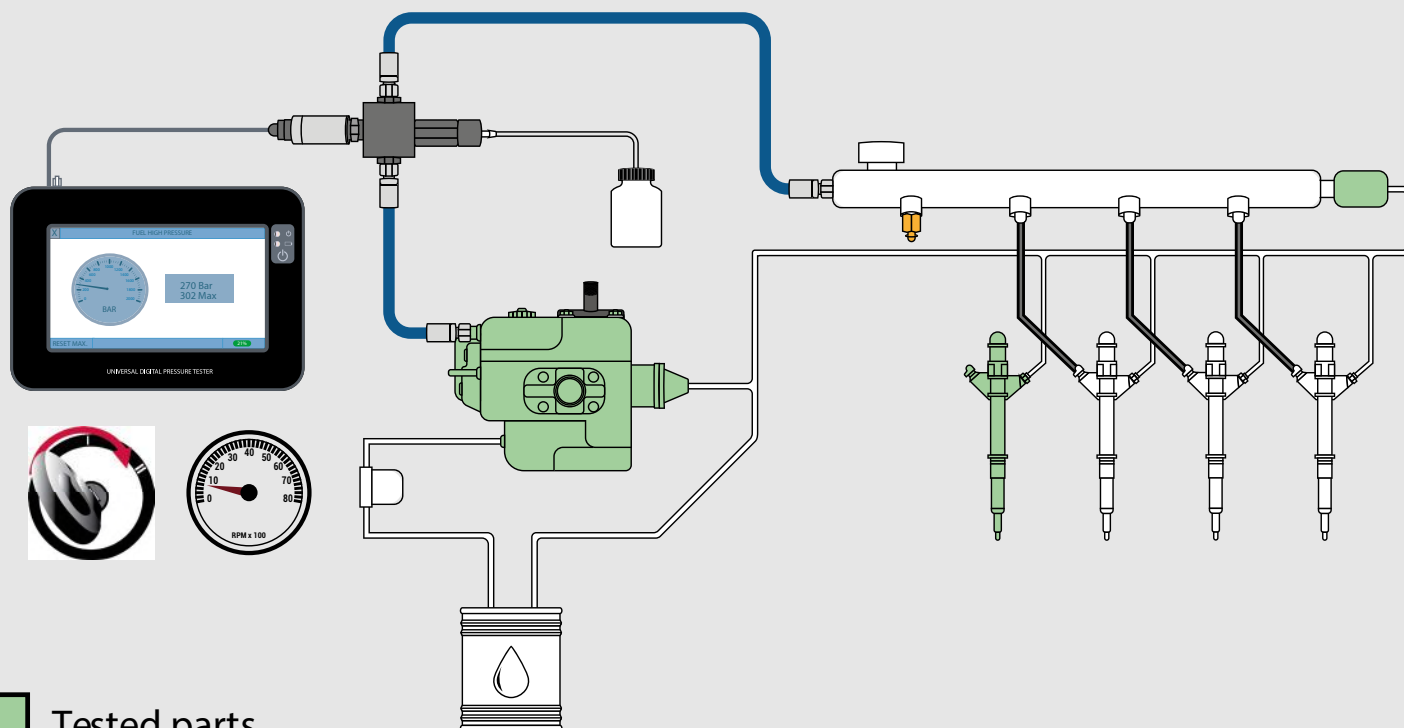
### COMMON RAIL DUMMY REGULATOR SET HU35031

- 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



■ Tested parts

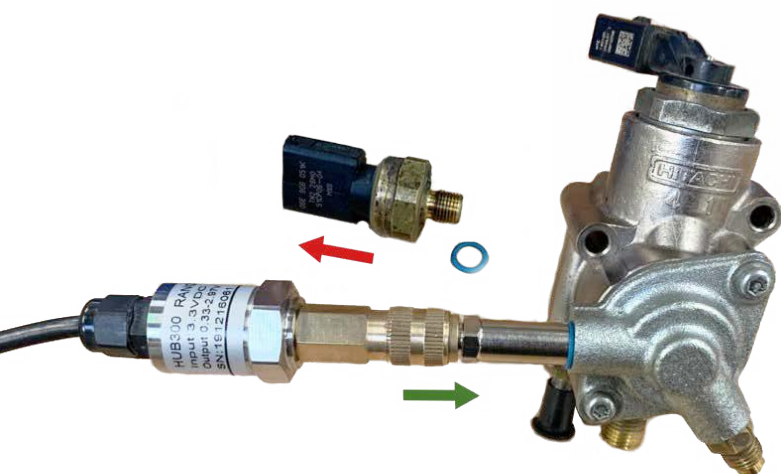


**NEW**

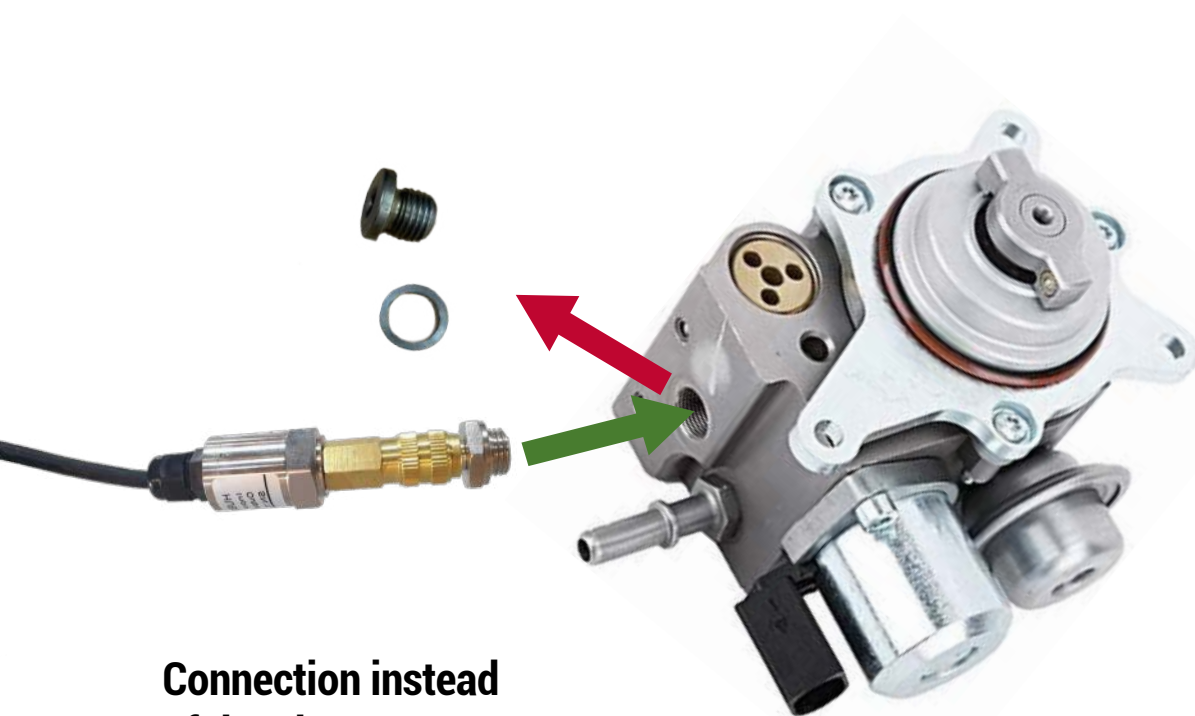
## GASOLINE HIGH PRESSURE ADAPTERS

**HU35029**

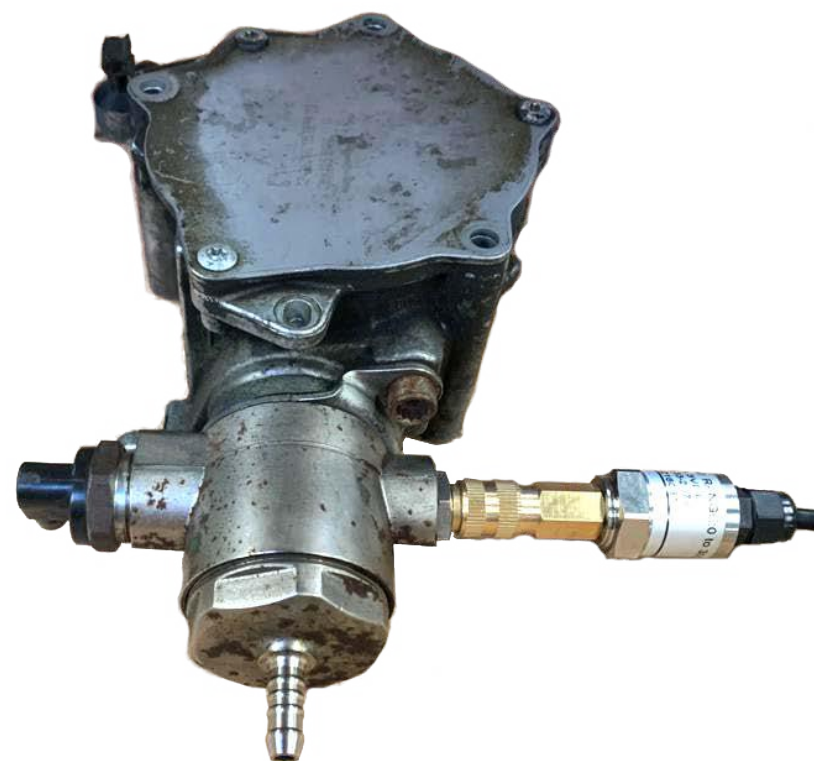
- This Kit allows, using the 0-300bars sensor included in the HU35025, to test the Gasoline High pressure of most popular gasoline (Petrol) engines (FSI, TFSI, TCe, T-Jet, Etc.) Both using the sensor location or the dedicated plug location
- Kit includes the following adapters :
  - HP1 = M12x150
  - HP2 = M12x125
  - HP3 = M14x150
  - HP4 = M10x100
  - HP5 = M8x100



**Connection instead of the sensor**



**Connection instead of the plug**



**Connection instead of the fuel pipe**





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