

Link to the product: <https://www.tesam.eu/91963100-low-and-high-pressure-checker-for-fsi-gasoline-engines-p-12945.html>



## 91963100 - Low and high pressure checker for FSI gasoline engines

Price with TAX	<b>898.64 zł</b>
Price	<b>730.60 zł</b>
Availability	<b>Na zamówienie - 48h</b>
Shipping time	<b>48 hours</b>
Number	<b>919 631 00</b>

### Product description

Instrument for measuring high and low pressure in FSI and similar engines (PSA, BMW-MINI)

#### FSI PRESSURE MEASUREMENT

FSI engines work in the same way as Common Rail diesel engines, i.e. they are equipped with a low pressure circuit and a high pressure circuit.

The device is able to measure both circuits, it is equipped with pressure gauges:

- \* up to 10 bar (low pressure)
- \* up to 200 bar (high pressure)

#### INSTRUCTION

Attach the hoses to the tee,

Unscrew the steel wire connecting the "high pressure rail" to one of the injectors, and screw the hose ends to the bar and to the injector connector.

#### Low pressure:

At the beginning, connect a pressure gauge with a range of 0-10 bar.

When the engine is off and the ignition key is set to "OFF", the pressure must be 0. Turn the ignition key (without starting the engine).

Immediately after activating the injection, activate the low pressure pump and the pressure must reach about 5-6 bar.

If the pressure does not reach the required value, the low pressure circuit is not working properly. Therefore, check the low-pressure pump, filter, etc.

#### High pressure:

Connect a tee with a 0-250 bar manometer to the hoses remaining in the system

Start the engine and check that the pressure in the stationary vehicle is equal to approximately 50 bar, and when accelerating the pressure reaches a value between 100 and 110 bar. If the pressure in the stationary vehicle is significantly lower than 50 bar, the high pressure pump or regulator is damaged.

If the pressure is higher than 110 bar, the regulator is defective.