

Tester for Diesel Injector Sockets



By means of this device the opening pressure of Diesel injection nozzles can be tested. For checking the injectors:

- opening pressure
- form of the stream
- leak test
- rattling quality
- spraying of the fuel injected

Attention: In case of Incautiousness, the diesel steam may cause injuries of the skin!

Delivery:

Pump unit with lever, tank and 600 bar gauge
2 adaptors M12x1.5 & M14x1.5

Application:

Dismount the injection nozzle from the engine and connect it to the tester by means of the appropriate adaptor pipe (1) Thread M14x1,5 or M 12x1,5). Fill in Diesel or petrol into the tank (2); by activating the lever (3), fuel will be pumped through the nozzle holder into the nozzle.

As soon as the fuel pressure exceeds the spring pressure, fine spread fuel will drop out of the nozzle.

In order to test the tightness, a pressure of about 20 bar below the opening pressure has to be built up by means of the hand pump lever. The injection valve is intact, if it does not start drop ping within 10 sec. to effect a rattling test, the lever is activated slowly. Depending on type of valve, a clearly audible rattling noise has to appear during the injection. The pressure at which the nozzle opens can be seen on the pressure gauge (4). If the pressure does not correspond to the prescribed value you either have to readjust or to change the quantity of the compensating discs.

