

Specializing in PD injectors.

Injector Nozzle replacement and Calibration

When enquiring about PD injector nozzle replacement, either standard or high performance or the supply of service exchange PD injectors it is important that you deal with a company that has the experience, knowledge and equipment to do the job correctly.

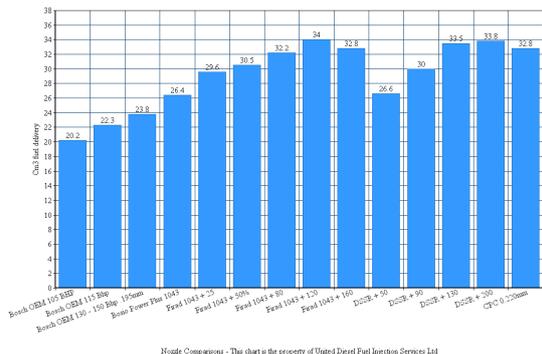


We have state of the art, specific, up to date equipment and experience to conduct all necessary tests and adjustments to all PD injectors to get your injectors balanced, delivering optimum fuel supply and enhancing your vehicle's performance, all work is done in house and having done it for many years, we have the experience. Many other suppliers have to get the job done else where, not us, when you speak to us, we are the guys working on your PD injectors. We also are continually working with nozzle manufacture's from all

over the world, checking and testing their PD nozzles, so we use all of this experience to ensure that you have the best fix for your car. It is as important to use a good nozzle as it is using a good injector body. We have had experience with PD injectors knowing the importance to setting the PD injector up as a complete unit rather than just worrying about what nozzle has been fitted.

We know how you love your car and how important it is to get it running right especially with any other power enhancing modifications that you have performed. Balancing your PD injectors is essential to ensure the fuel delivery produces the maximum power possible yet retaining efficiency and reliability.

PD Injectors - Nozzle Flow Comparison



Nozzle Comparison - This chart is the property of United Diesel Fuel Injection Services Ltd

I have seen other companies that have very good marketing strategies, and charge a fortune, as they have to get a third party to do the job. In our case, we have many years of experience, the latest test equipment, technical know how and passion for VW's (we have three)

All injectors go through the process of complete disassembly, ultra sonic cleaning, inspection, nozzle replacement, nozzle opening pressure (NOP 1) setting and then final calibration and test.

The importance of the ultra sonic cleaning is to remove the build up of gums and varnish that cause poor injector performance and flow

imbalance. We are starting to experience injectors that have been fuelled with bio fuels or have been left out of the engine for a while and have "dried out" Once this has happened it is very difficult to completely repair the injectors as once the solenoid has been tampered with it is very difficult to reassemble the solenoid correctly. Bosch actually says that it is not possible to strip and repair the solenoid section of a PD injector. With a success rate of about 70 % we try, but are not always able to fix all PD injectors so we recommend using good fuel and ensuring good PD injector house keeping.

So for all of your PD injector requirements please do not hesitate to give us a call on 01939 291155 or send me a email on keith@uniteddiesel.co.uk