

John O'Sullivan
OS Diesel Technologie
Kremserstraße 16
3542 Gföhl

+43 699 17260567
john@os-diesel.at



Injectors & pumps for Common Rail for Cars, Vans, Trucks



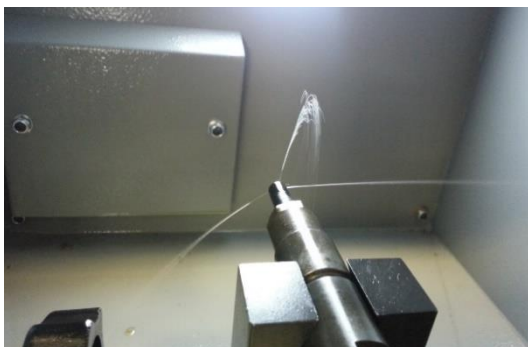
Injector cleaning and testing

Injectors are ultrasonically cleaned to remove carbon in preparation for visual inspection. Critical areas of the Injectors are examined for wear or damage.



Injector cleaning and testing

Injectors flushed; contents collected in a glass container and examined for contaminants. Visual check for good spray pattern and fuel atomisation. Nozzle opening pressure is tested and a static leak test carried out to check for nozzle drip.



Injector testing

Electrical components of the injector are tested with OE equipment.

Different injector types have different electrical values. The solenoid must fall within the allowable parameters to pass. Static electrical tests are preformed using handheld devices. Dynamic electrical tests are also preformed on the test bench while the injector is in full operation



 **BOSCH**



Delphi
Technologies

Inductance: represented in μH (microHenry).

Resistance: of the coil, shown in Ω (Ohm)

Insulation resistance: shown in $\text{m}\Omega$ (MegaOhm)

Injectors tested with state-of-the-art test benches. All fuel deliveries controlled (full load, full load return, emission point, idling and pilot delivery). OE specification test plans
Printed test report available on request.



Bosch: CRI1, CRI2, CRI2.2
CRI2-16, CRI2-18, CRI2-20
CRI2-22, CRI2-25, PIEZO

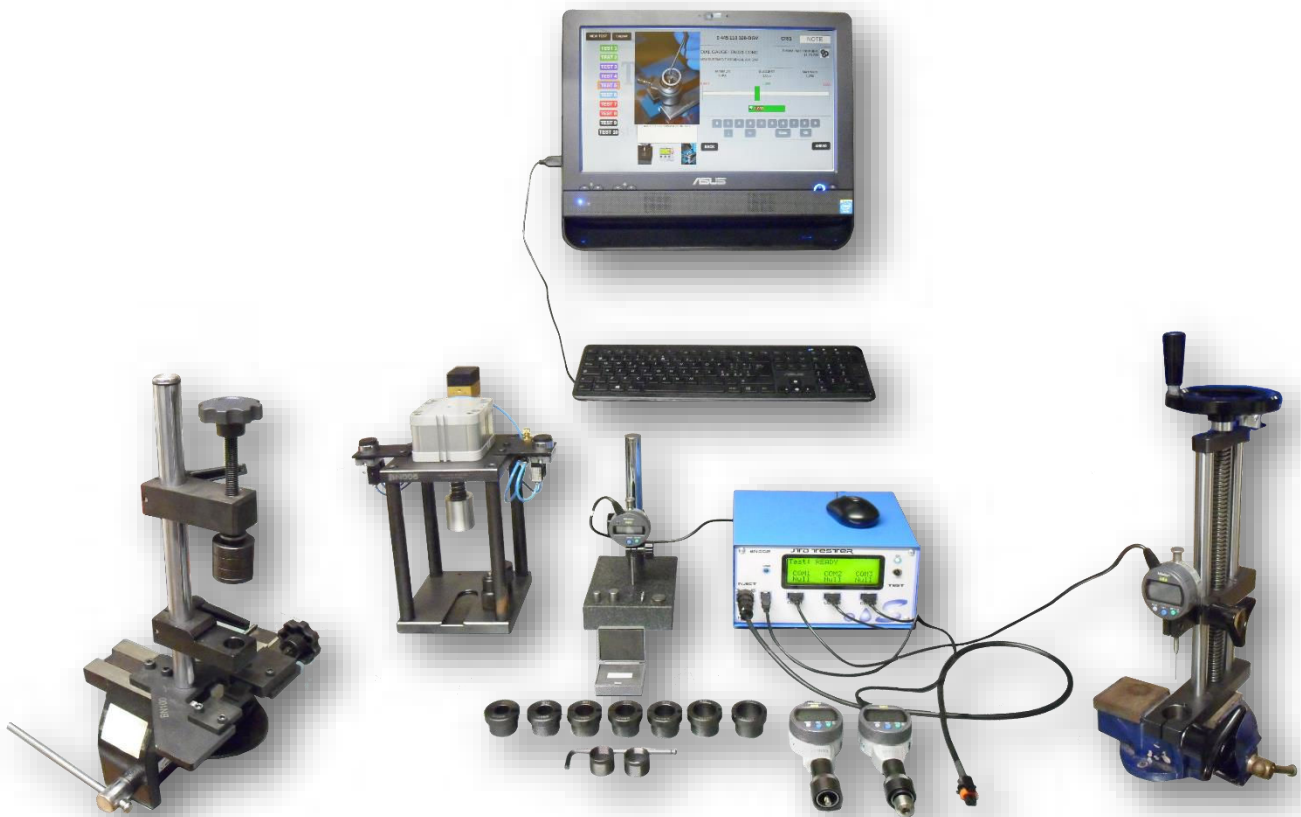
Delphi: C2i, C3i, DF1.2
DF1.5, euro5, euro6

Denso: G2, G3, G3s, G4s
PIEZO

Siemens / VDO:
euro4, euro5, PIEZO

Injector repair and calibration procedure

Computerised stage 3 procedure used for measuring and calibrating all makes of CRIN injectors. Individual plans specific for each injector number. This equipment aids in the speed and precision of the injector rebuild.



Pump test

Common rail pump and injector testing
Repair of common rail pumps and injectors
Supply of common rail pumps and injectors

The following pump makes are tested

Bosch: CP1, CP3, CP3-H, CP4-S1 / S2

Delphi: DFP1 / 1.5, DFP3, DFP6

Denso: HP2, HP3, HP4

Siemen VDO: various

