

KL-1683-103 Cleaning Tool for Injector Nozzle Seat


Suitable for Common-Rail Diesel engines on Vauxhall/Opel, Fiat, Lancia, Suzuki 1.3 JTD, 1.3 CDTi, 1.3 JTD, 1.3 DDiS / engine: Z13DT, 188A9.000.

In a single machining operation, the specially shaped cleaning tool produces a clean finish on the injector mounting hole, the nozzle seal seat and the small aperture leading to the combustion chamber.

Indispensable procedure before re-installing an injection nozzle to avoid leakage between cylinder head and injection nozzle.

Technical data

Drive:	T-handle
Length:	261 mm
Cleaning tool Ø:	7.5 / 17 / 17.6 mm

KL-1283-112 Cleaning Tool for Injector Nozzle Seat


Suitable for the Common-Rail Diesel engines F9Q on Renault, Nissan, Vauxhall/Opel, Suzuki, Mitsubishi 1.9 dTi, 1.9 dCi, 1.9 CDTI, 1.9 Di, 1.9 DDiS, 1.9 Di-D.

In a single machining operation, the specially shaped cleaning tool produces a clean finish on the injector mounting hole, the nozzle seal seat and the small aperture leading to the combustion chamber.

Indispensable procedure before re-installing an injection nozzle to avoid leakage between cylinder head and injection nozzle.

Technical data

Drive:	T-handle
Length:	245 mm
Cleaning tool Ø:	7.5 / 17.4 / 19 mm

KL-1283-122 Cleaning Tool for Injector Nozzle Seat


Suitable for the Common-Rail Diesel engines K9K on Renault, Suzuki, Nissan, Dacia 1.5 dCi, 1.5 DDiS.

In a single machining operation, the specially shaped cleaning tool produces a clean finish on the injector mounting hole, the nozzle seal seat and the small aperture leading to the combustion chamber.

Indispensable procedure before re-installing an injection nozzle to avoid leakage between cylinder head and injection nozzle.

Technical data

Drive:	T-handle
Length:	265 mm
Cleaning tool Ø:	7.5 / 17 / 20.1 mm

KL-1383-104 Cleaning Tool for Injection Nozzle Seal Seat


Suitable for the Common-Rail Diesel engines on Peugeot, Citroën, Fiat, Lancia, Suzuki 2.0 HDI, 2.0 JTD; engine code: DW10

• Mercedes; engine code: OM646 EVO

• Renault, Nissan, Vauxhall/Opel 2.2 DTI, CDTI, CDI; engine code: G9T

• Renault, Nissan, Vauxhall/Opel 2.5 DTI, CDTI, CDI; engine code: G9U

The special design of this cleaning tool enables the injection nozzle bore, the seal seat and the injector channel to be cleaned in one single operation.

Important! Before any re-installation of an injector, it is essential to clean the seal seat in the cylinder head from deposits such as carbon deposits in order to prevent leakage between cylinder head and injector.

Technical Data:

Drive:	T-handle
Length:	261 mm
Cleaning tool-Ø:	7.5 / 17 mm