

**KL-0192-21 Clip Pliers**



Suitable for Mercedes diesel engines OM604, OM605, OM606 with 4-valve technology.

For removal of the fuel return line from injectors on diesel engines.

**KL-0192-23 Fuel Return Line Pliers**



Especially applicable on Mercedes OM601, OM602, OM603 and VW Audi vehicles, where the injection nozzles are located very deep in the cylinder head.

For removal of the fuel return line from injectors on diesel engines.

**KL-0489-10 Injector Nozzle Puller with Slide Hammer**



Suitable for Opel/Vauxhall Diesel engines, e.g. 2.2 L.

The injector nozzle puller KL-0489-10 enables the removal of tightly fitting injectors within just a few minutes.

**Technical Data:**

Slide Hammer Weight:	0,9 kg
Connecting thread (injector nozzle):	M17x0,75 mm
Length:	185 mm

6

**KL-0489-11 Injector Nozzle Puller with Pull Spindle**



Suitable for Opel/Vauxhall Diesel engines, e.g. 2.2 L.

For the accurate removal of injector nozzles without risk of damage. If the bridge-type puller and spindle are used, even injector nozzles that are an extremely tight-fitting can be removed within just a few minutes.

**Technical Data:**

Connecting thread (injector nozzle):	M17x0.75 mm
Width (puller bridge):	136 mm

**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