

KL-0369-45 K Injector Nozzle Tool Set Mercedes CDI (Pat. e.g. US-Patent 7,832,071)

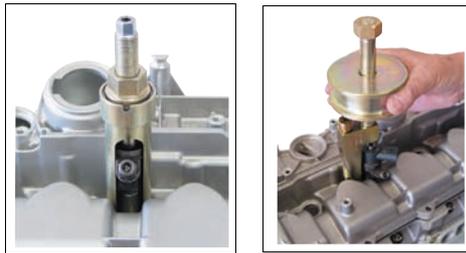


Suitable for Mercedes CDI engines OM 611, 612, 613, 628, 646*, 647, 648 etc. (*not suitable for OM 646 EVO)

The injector nozzle tool set **KL-0369-45 K** (consisting of injector nozzle puller **KL-0369-41**, injector nozzle puller **KL-0369-45**, cleaning tool **KL-0369-20 A**, compressed-air adaptor **KL-0369-55 A**, thread tap **KL-0369-51**, and plastic storage case **KL-0369-4590**) enables the professional removal of injector nozzles.

The injector nozzle puller with slide hammer **KL-0369-41** is designed for the removal of tightly fitting injection nozzles without having to dismantle them. The injector nozzle puller with pull spindle **KL-0369-45** enables the removal of very tight-fitting injector nozzles directly on the vehicle. It is not necessary to remove the cylinder head from the vehicle using either of the pullers. The cleaning tool **KL-0369-20 A** allows the injection nozzle mounting hole, the nozzle seat, and the small aperture leading to the combustion chamber to be cleaned in a single operation. Screwing in the compressed-air adaptor **KL-0369-55 A** into the glow plug bore and injecting air into the combustion chamber prevents impurities from entering the combustion chamber.

The thread tap with drill bit **KL-0369-51** is designed for rethreading and cleaning the tapped hole for the nozzle holder. This procedure is important before the installation of the injector nozzle.



Scope of Delivery:

KL-0369-45 K Injector Nozzle Tool Set Mercedes CDI

Part No.	Description	Qty.
KL-0369-20 A	Cleaning tool for injection nozzle mounting bore and nozzle seat	1
KL-0369-41	Injector nozzle puller with slide hammer	1
KL-0369-45	Injector nozzle puller with pull spindle	1
KL-0369-51	Thread tap M6 with drill bit	1
KL-0369-55 A	Compressed-air adaptor for glow plug bore M10x1	1
KL-0369-4590	Plastic storage case	1

6

KL-0369-46 K Injector Nozzle Puller Mercedes CDI (German Utility Model)



Suitable for Mercedes CDI engine OM 668 e.g. A-Class

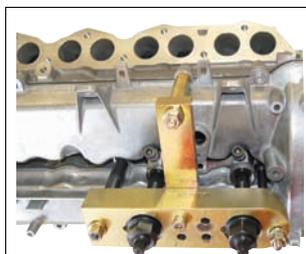
The **KL-0369-46 K** injector nozzle puller allows the removal of even stubborn injector nozzles without removing the cylinder head from the vehicle.

The removal of injector nozzles is particularly difficult on A Class engines, as two injector nozzles are always held by a single retaining clip, so that if one of the injector nozzle has to be removed, the second nozzle must be pulled out in parallel with it.

By using the special extraction bridge and inserting the two pull spindles, the injector nozzles can be removed in a fast and easy way.

Procedure for the removal of the injector nozzles:

Unscrew the injector nozzle heads by means of the special sockets included in the set. Screw pull spindles into injector nozzles, place pre-assembled extraction bridge onto valve cover and screw in shoulder nuts. Extract injector nozzles by evenly rotating the shoulder nuts.



Scope of Delivery:

KL-0369-46 K Injector Nozzle Puller

Part No.	Description	Qty.
KL-0369-460 K	Injector nozzle puller upgrade kit	1
KL-0369-461 A	Special socket size 29mm 1/2" drive	1
KL-0369-4505 A	Special bit insert size 10mm	1