



INJECTOR-REMOVAL TOOL BMW

MANUAL

60383005

SAFETY NOTICE

To understand the functioning of the tools, it is necessary to read the manual first!

- > Read these instructions before assembling, during installation and throughout use and in the proper sequence
- > Always refer to the OEM manufacturer's instructions and service manuals for the latest data and to maintain the correct sequence
- > These work instructions and the recommended tools are meant to serve as aides only and are by no means a guarantee for certain results.
- > This tool kit is a special collection and it has been tested and used successfully on several occasions. It is of the utmost importance to maintain the correct procedure as per the instructions
- > The use of the tools should only be carried out by qualified personnel!



ATTENTION
Special caution



CORRECT



LIGHT BULB
Hint or recommendation



WRONG



SAFETY GOGGLES
Wearing safety goggles
necessary





Nr.	PART.-NR.	Description	60383005
1	60385235	Box Nut Adaptor for M9R	1
2	60385243	Extraction Adapter For Piëzo controlled Injectors	1
3	60385216	Pulling force connection adapter M16x1.5 - M18x1.5	1
4	60385230	Open Screw for M9R	1

PULLING OUT A PIEZO-CONTROLLED BOSCH INJECTOR

In preparation for the following work steps, remove all parts that hinder the work (covers, wiring harness, diesel lines, etc.)



ATTENTION

Seal all openings temporarily with plugs or lint-free cloth to prevent contamination.

1. Destroy the electrical connection on the injector using a chisel or hardened slotted screwdriver and then remove it.



2. Attach the additional fastening open [60385230](#) to the flat spot of the injector retaining fork.



3. Screw the M14x1.5 **60385243** screw-in adapter onto the diesel line connection thread on the injector and tighten lightly (SW8).



4. Place the additional connection adapter **60385235** over the screw-in adapter **60385243** and screw it to the additional fastening **60385230** and tighten it using a nut or wrench **SW30** (approx. 110 Nm).



5. Screw the tension connection adapter **60385216** onto the screw-in adapter **60385243** and tighten lightly. (SW24)

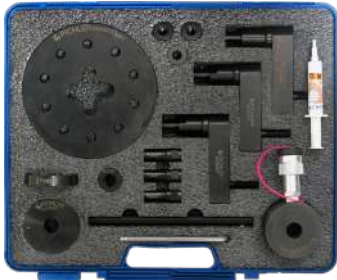


Now the injector can be removed from the cylinder head by means of impact hammer mod. 8,5 kg **6148800** or impact hammer mod. 5 kg **6148790** or injector disassembly kit mod. UNI **60385395** from the cylinder head. If it is not possible to work in direct line, ball joint **6038424** can be fitted between adapter and impact hammer (not included in the set). Before mounting the new injector, it is recommended to clean the injector shaft.

RECOMMENDED ACCESSORIES

UNIVERSAL INJECTOR REMOVAL KIT

60385395



INJECTOR SHAFT CLEANING SET COMPLETE

9038100



SLIDE HAMMER 8 KG

6148800



SLIDE HAMMER 5 KG

6148790



INJECTOR ADAPTER KIT PREMIUM

60384665



UNIVERSAL INJECTOR REMOVAL SET

60384435



UNIVERSAL INJECTOR COPPER WASHER ASSORTMENT 450 PCS

60390505



BALL JOINT ADAPTER M18X1.5

6038424



INJECTOR SEALING RING ASSORTMENT SPECIFIC

60390605



HYDRAULIC SET 3 PIECES

80255500



AIR HYDRAULIC PUMP 700 BAR

80255585



NOTES

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