



Set for removing and reaming glow plugs

MERCEDES BENZ set for removing and reaming M8x1 - M10x1 glow plugs and tip, **38 pcs.**



- TOOL SET FOR:**
- remove the glow plug
  - remove the glow plug TIP
  - clean the glow plug seat

**Complete Kit**

**311 229 008**

- i** ▶ Comprehensive professional range of tools for the removal of glow plugs and subsequent cleaning of the glow plug seat.
- 🚗** ▶ Suitable for M8x1 and M10x1 glow plugs installed on recent Mercedes Benz diesel engines.
- 📦** ▶ The tool set consists of 3 modules:
  - ▶ **MODULE 1 - 311229000** (23 pcs.)  
This module is used to remove the glow plug once it has been unscrewed but is still stuck, or when it is damaged near the hexagon and cannot be unscrewed in order to remove it. There are 2 ways to remove it in the second case: either using the slide hammer or mechanically, by means of the screw extractor.

- ▶ **MODULE 2 - 311229001** (11 pcs.)  
This module is used to remove the glow plug TIP when it is stuck at the bottom of the glow plug seat. Our tools prevent any type of damage to the glow plug seat inside the head.
- ▶ **MODULE 3 - 311229002** (4 pcs.)  
This module is used to clean the glow plug seat inside the head. It is necessary to restore the glow plug seat before installing the new glow plug. Includes a brass brush.

GLOW PLUG THREAD	ENGINE CODE	BRAND
M8x1	OM 640/642	MERCEDES BENZ
M10x1	OM 611/612/613/646/647/648	MERCEDES BENZ
M10x1,25	OM 668	MERCEDES BENZ



You can purchase the individual Modules as an alternative to the complete tool set 311229008.

All the tool set's components, including pieces subject to wear, are also available as individual spare parts

## Set for removing and reaming glow plugs

### MODULE 1

**311 229 000**  
**MERCEDES BENZ MODULAR SET FOR**  
**REMOVAL GLOW PLUGS M8x1 - M10x1**  
(23 pcs.)



#### Components

- Extractors for stuck glow plugs
- Special sockets and milling cutters for the breaking and subsequent controlled removal of the glow plug's central electrode
- Sliding rod, extension and slide hammer to remove the stuck glow plug
- Centering, screw, thread insert and nut for the mechanical screw extraction of the stuck glow plug
- Special long milling cutters and steel milling cutters with 4 TiN-coated and self-centering cutting edges
- Tap drill to create the thread to remove the glow plug
- Tap drill to restore the thread on the head to install the new glow plug
- Thread insert to remove the plug using the slide hammer



» Glow plug unscrewed, but still stuck in its seat.

### MODULE 2

**311 229 001**  
**ADDITIONAL MODULE SET FOR M8x1 -**  
**M10x1 GLOW PLUGS TIP EXTRACTION**  
**FOR MERCEDES BENZ (11 pcs.)**



#### Components

- Centering guides
- TiN-coated steel milling cutters for drilling the glow plug tip
- Tap drill to create the thread to remove the glow plug tip
- Threaded rods for the mechanical removal of the glow plug tip



### MODULE 3

**311 229 002**  
**ADDITIONAL MODULE SET FOR M8x1 -**  
**M10x1 REAMING GLOW PLUGS FOR**  
**MERCEDES BENZ (4 pcs.)**



#### Components

- Steel reamers
- Centering guides
- Brush to clean the glow plug seat

