



Mercedes

All Diesel with engine: 611, 612, 613

Changing glow plugs

On the above-mentioned engine types it can occur that the glow plugs break off during unscrewing. Therefore the following procedure should be strictly adhered to:

1. Spray the thread area of the glow plugs with antiseize.
2. Take engine to operating temperature by driving.
3. Spray thread area with antiseize again.
4. Firstly, unscrew the broken glow plugs with max. 35 Nm. Should the value be exceeded, take engine to operating temperature again and spray the thread area once more.
5. Provide a current for about 5 minutes to each working glow plug (with a separate cable direct to 12 V). This causes self-cleaning. Unscrew the intact glow plugs also with max. 35 Nm. Repeat procedure if necessary.
6. Remove possible burn deposits (carbon, rust) from the cylinder head drilling before installation of the new glow plugs. For this there is a scrubbing awl (see picture), available from various tool manufacturers. This is coated with grease and screwed into the cylinder head, dirt particles stick to the grease.
7. Fit the new glow plugs with a torque of 18 Nm.

