

# Correct torque glow plugs

## MALFUNCTION GLOW PLUGS

Malfunction of a glow plug can be caused by using a wrong tightening torque;

- Too low: chance of compression loss and overheating
- Too high: chance of damaged thread and distortion which causes overheating and engine damage

## ADVISE DISASSEMBLY

Always use the right torque wrench. If the maximum tightening torque is exceeded the glow plug will break. For disassembly please keep to the following indications;

Disassembly			
Thread	M8	M10	M12
Maximum tightening torque	20 Nm	40 Nm	50 Nm

### Maximum tightening torque reached

Immediately stop unscrewing the glow plug and follow the steps below;

1. Apply a large amount of synthetic oil to the thread and leave to act for a few hours
2. Run the engine till it is warm
3. Use the right tightening torque to unscrew again

Clean the thread and glow plug channel. After this the new glow plug can be assembled.

## ADVISE ASSEMBLY

Screw in the new glow plug using the tightening torque indicated by the vehicle manufacturer. For average tightening torques the following indication is applicable;

Assembly					
Thread	M8	M10	M12	M14	M18
Tightening torque	8-15 Nm	15-20 Nm	20-25 Nm	20-25 Nm	20-30 Nm

Connecting nut		
Thread	M4	M5
Tightening torque	0.8-1.5 Nm	3-4 Nm

