Audi A5 - diesel particulate filter heavily loaded

Data sheet	
Manufacturer	Audi
Vehicle model	A5
Engine	3.0 TDI
Engine code	CKVC
Year of manufacture	2011 to 2017
Symptoms	Diesel particulate filter error message
Recommended HGS tool	megamacsX

Important safety information

Regeneration of the diesel particulate filter not possible, particulate filter heavily loaded

In the above-mentioned vehicle type, it is possible that the diesel particulate filter is heavily loaded and regeneration no longer takes place. If it is a case of the above-mentioned fault, and if no definite faults have been detected in the periphery of the affected systems during troubleshooting, then special attention should be paid to the glow plugs.

Among other things, glow plugs ensure that diesel fuel burns completely at low temperatures and they also increase the combustion chamber temperature, which is necessary for the regeneration of the diesel particulate filter. If one or more glow plugs fail, more soot is produced, which clogs the diesel particulate filter. The defect in the glow plugs also prevents regeneration.

In the course of further troubleshooting, the power supply and the current consumption at the glow plugs should be checked. More precise values for current consumption can be found in the technical documentation of the relevant vehicle manufacturer. The glow plugs should then be

removed and visually checked for defects. Please refer to the technical information on rod glow plugs in the HELLA TECH WORLD. If you notice any peculiarities, replacing the glow plugs can be of help.

Once the cause of the fault has been rectified, delete the error memory and then carry out a test drive.

Please note

Please always follow the repair instructions from the vehicle manufacturer when carrying out such work! This fault profile may also occur in other vehicle models with comparable equipment variants.

Reprinting, distribution, reproduction, exploitation in any form whatsoever or disclosure of the contents of this document, even in part, is prohibited unless our express permission has been obtained in writing beforehand and the source is stated. The schematic illustrations, pictures and descriptions are provided for explanatory purposes and are only intended as a visual supplement to the document text, so they cannot be used as the basis for installation or assembly work. All rights reserved.