



Opel Insignia - electronics failure

Data sheet	
Manufacturer	Opel
Vehicle model	Insignia A (all models with Lane Change Assistant: malfunctions in various systems)
Year of manufacture	2013-2015
Symptoms	Electronics failure/malfunctions in various systems
Recommended HGS tool	mega macs X

Important safety note

Error code U0140 - malfunctions in various electronic systems

With the above-mentioned vehicle type, it can happen that the vehicle electronics fail. Malfunctions in systems such as the parking aid, radio system, air conditioning, electric tailgate and the instrument cluster are possible. In addition, individual control units may show up communication problems during diagnostic procedures.

Error codes relating to communication faults on the data bus are stored in the error memory during the overall query.

If the above-mentioned fault is present and if no definite faults have been detected in the periphery of the affected systems during the diagnosis, then special attention should be paid to the radar sensor in the bumper to the rear on the left.

As a result of moisture ingress in the radar sensor, interference can be caused on the data bus. This means that error-free communication between the individual control units is no longer possible, resulting in the failure of individual systems.

In order to check the radar sensor, the rear bumper has to be removed.

If the visual inspection reveals signs of corrosion in the plug connection of the radar sensor, then this sensor has to be replaced.

The plug or connector contacts on the vehicle harness must also be checked; if there are also signs of corrosion here, the plug connection has to be repaired and returned to good working order.

After completion of repairs, the system has to be calibrated in accordance with the manufacturer's specifications.



IMPORTANT

Please always follow the repair instructions from the vehicle manufacturer when carrying out such work.

Further information on checks and calibration of the radar sensor system can be found in Hella Tech World in the section on Lane Change Assistant.



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