



# Opel Ampera - discharging of 12 V battery for vehicle electrical system

Data sheet	
Manufacturer	Opel
Vehicle model	Ampera
Engine	16 V hybrid
Engine code	A14 XFL
Year of manufacture	2014
Symptoms	Discharging of 12 V battery for the vehicle electrical system, alarm system is triggered sporadically

## Important safety note

### Unwanted battery discharge: possible switching on of lights / sporadic activation of alarm system

If the above-mentioned defect is detected, it may be related to a problem with the keyless central locking system.

Because of water ingress and corrosion affecting the door handle switches, the receiver detects an opening request and sends this signal to the body control unit. At the same time, the vehicle's interior lighting is switched on and the vehicle electronics are "woken up", which can lead to unwanted current consumption and ultimately to the discharge of the 12 V battery serving the vehicle electrical system.

If, as part of the fault diagnostics procedure, no defects in the charging system or on the 12 V battery show up, the central locking system should be checked out.

Using a diagnostic device, read out the parameters in the body control unit and then put water on the door handles in turns. If this alternating action changes the parameters on a door handle or even switches on the interior lighting, then the cause has been localised. In such a case, the relevant door handle with its integrated switch is to be replaced.

This defect may also occur in other models with the same type of central locking system.

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

## **SAFETY INSTRUCTIONS FOR ELECTRIC VEHICLES**

Work on or in the immediate vicinity of high-voltage systems may only be carried out by persons who have been instructed in electrical engineering and who are appropriately qualified. Improper handling can lead to life-threatening situations. Each country's specific laws and regulations regarding work on high-voltage systems are to be strictly observed.

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