

**Measure no.**

US 54075516-04

**Subject**

The battery discharges, off-load current is too high

**Status date (mm/dd/yy)**

2/5/18

**Status**

Accepted

**Organization**

US, MOT

**Date created (mm/dd/yy)**

2/5/18

**Created by**

Markus Grosam

**PQM Problem reference****Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

**Vehicles affected****E series**

K48 K50 K51 K52 K53

K54

**Engine****Body****Production period (from/to)**

/ 3/2/14

K17, K50, K51, K52 without SA369

**Feedback (all cases relating to****measure up to) (mm/dd/yy)****Complaint**

After a few days of being parked the battery discharges. The current through the general module is too high.

**Cause**

Due to an incorrectly calibrated on-board socket, the general module does not enter sleep mode.

This results in an increased off-load current.

The power socket is newly calibrated after each encoding with the programming system.

Due to voltage fluctuations, this may lead to an incorrect calibration value in the basic module. As a result, the general module does not enter sleep mode and an increased off-load current discharges the battery.

These voltage fluctuations may be caused by poor connection of the charger at the remote positive terminal.

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**Measure**

In a case of the above-mentioned complaint, perform a calibration of the power socket.

Any external consumers or chargers (BMW Power supply) must be disconnected from the vehicle at the time of the power socket calibration.

After the power socket calibration, the charger/power supply should be connected to the vehicle battery again.

Vehicled produced after 3/2/2014 the power socket calibration is no longer be available.

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**Complaint**

<b>Fault location</b>	<b>Fault type</b>	<b>Fault place</b>	<b>Fault conditions</b>
61/21 Battery	Deep discharge		State of charge below 35%

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**Cause**

<b>#</b>	<b>Fault location</b>	<b>Fault type</b>	<b>Fault place</b>
1	61/35 Basic module	Standby current too high	
	<b>Repair Task</b>	<b>Special Clearance</b>	<b>Area</b>
	Checking, repairing, replacing	No	Electrics/Electronics

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<b>#</b>	<b>Fault location</b>	<b>Fault type</b>	<b>Fault place</b>
2	61/34 On-board charging socket	Initialization faulty	
	<b>Repair Task</b>	<b>Special Clearance</b>	<b>Area</b>
	Checking, repairing, replacing	No	Electrics/Electronics

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**Fault code**

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**Progman / DIS / ISTA / ISTA/P**

<b>System</b>	<b>State</b>	<b>Version</b>
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