

Vehicle does not start due to a discharged battery - Fault codes with "bus keepawake events or bus wake-up events" are logged in the quick test

Topic number	LI54.10-P-064762
Version	3
Design group	54.10 Battery, power supply, voltage converter
Date	11-02-2016
Validity	Model series 213
Reason for change	FC assigned
Reason for block	

Complaint:

Vehicle does not start due to a discharged battery.

Bus keepawake events or bus wake-up events are logged in the quick test.

Cause:

Currently being analyzed.

Remedy:

Create a PTSS case with the control unit logs from the

- electronic ignition lock EZS (N73)
- SAM-F (N10/6)

and also please perform an up-to-date no-load current measurement

Discuss the following questions with the customer and include responses in the case:

- Were there any messages in the instrument cluster?
- Is this the first time this behavior has occurred, or has it occurred before? If so, when (approximately)?
- Was the vehicle parked in a particular location or with high traffic levels?
- Has the vehicle been modified or are there any installations in the vehicle?

Symptoms
Overall vehicle / Power supply / Battery/On-board electrical system / Battery function / Battery discharges
Overall vehicle / Power supply / Quiescent current/consumer shutoff / Does not switch off
Overall vehicle / Power supply / Battery/On-board electrical system / Battery/on-board electrical system display message / Low voltage Charge battery

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
N10/6 - Front signal acquisition and actuation module (Driver-side SAM) (BC_F213)	-	-
N73 - Electronic ignition lock (EVS) (EVS213)	U116000	A bus keepawake unit was detected. _