

Various fault messages in the instrument cluster with fault code P061AE9 in N129/2

Topic number	LI08.20-P-077050
Version	1
Function group	08.20 - Control units/modules
Date	10/27/23
Validity	MODEL 243
Reason for change	Note on SW update added

Complaint

Diverse fault messages in the instrument cluster

Cause

The fault code P061AE9 is set if the N129/2 power electronics detects an undervoltage when the vehicle is in the unlocked state.

If the pre-entry climate control starts or the ignition is switched on with the charging cable plugged in when the fault occurs, fault messages appear in the Instrument cluster.

Remedy

The software update for N129/2 Power electronics is available for the US market.

Please perform software update on power electronics control unit N129/2.

If the fault code returns after Software update, please open up a tips case.

Symptoms	
Power generation > Engine management > Function > Malfunction	
Power generation > Engine management > Electric drive > Electric machine > Malfunction	
Power generation > Engine management > Electric drive > Electric machine > Power reduced	
Power generation > Engine management > Electric drive > Electric machine > Display message	
Control unit/fault code	
Control unit	Fault text
N129/2 - Rear axle power electronics (SG-LE-HA) (EP-T10EM03)	U009BFF - Communication with the electric drive CAN bus (E-Cell) has a malfunction. _
	P0A31FF - Temperature sensor 'Electric machine B' has a malfunction. _

	P0A1C9A - Control unit 'Electric machine B' has a malfunction. The operating conditions for the component or the system are not satisfied. P060AFD - The monitoring function in the control unit has a malfunction. _ P060BFF - There is an internal control unit fault in the analog/digital converter. _ P061AE9 - The torque control of the control unit has a malfunction. _
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note