

## Fault message in instrument cluster "Additional Battery - Service Required" - FC B11C11B

Topic number	LI54.10-P-058326
Version	1
Design group	54.10 Battery, voltage supply, voltage converter
Date	02-10-2014
Validity	Model series 222 (not AMG) up to VIN end no. A033167 with SA code "B03"
Reason for change	Validity adapted
Reason for block	

**Complaint:**

Display message in instrument cluster "Additional Battery - Service Required"

**Cause:**

Electrical fault in ECO start/stop function auxiliary battery

**Remedy:**

If the rear SAM (N10/6) contains the fault code "B11C11B - The additional battery has a malfunction. The limit value for the resistance is exceeded", then the ECO start/stop backup battery must be replaced.

In this special case, the Midtronics test must not be performed because the Midtronics test result cannot indicate the cause of the fault.

<b>Symptoms</b>
Power generation / Engine management / Engine start/stop / Engine does not turn off
Overall vehicle / Power supply / Battery/On-board electrical system / Battery/on-board electrical system display message / Backup battery fault

<b>Parts</b>							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 982 93 08			Additional battery	1		X	

<b>Work units</b>				
Op. no.	Operation text	Time	Damage code	Note
54-1011	PERFORM QUICK TEST		54027 73	

54-1138	REMOVE/INSTALL ADDITIONAL BATTERY FOR ECO START/STOP FUNCTION		54027 73	
54-1150	REPLACE BATTERY (BATTERY REMOVED)		54027 73	

Validity		
Vehicle	Engine	Transmission
222.004	*	*
222.032	*	*
222.033	*	*
222.057	*	*
222.082	*	*
222.085	*	*
222.104	*	*
222.123	*	*
222.132	*	*
222.133	*	*
222.157	*	*
222.162	*	*
222.165	*	*
222.176	*	*
222.182	*	*
222.185	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
222.004	651.921	724.208
222.032	642.861	722.903
222.032	642.861	725.011
222.033	642.867	722.966
222.033	642.867	725.041
222.057	276.960	724.206
222.057	276.960	725.011
222.082	278.929	722.909
222.082	278.929	725.011
222.085	278.929	722.967
222.085	278.929	725.041
222.104	651.921	724.208
222.123	642.861	722.903
222.123	642.861	725.011
222.132	642.861	722.903

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222.132	642.861	725.011
222.133	642.867	722.966
222.133	642.867	725.041
222.157	276.960	724.206
222.157	276.960	725.011
222.162	276.824	722.904
222.162	276.824	725.011
222.165	276.824	722.904
222.165	276.824	725.011
222.176	277.980	722.932
222.182	278.929	722.909
222.182	278.929	725.011
222.185	278.929	722.967
222.185	278.929	725.041