

Electric seat adjustment, seat heater/seat ventilation of front seat, or rear monitor nonfunctional

Topic number	LI91.29-P-053247
Version	2
Design group	91.29 Seats - electrical system
Date	07-10-2014
Validity	Model series 166
Reason for change	Rear monitor added as possible fault
Reason for block	

Complaint:

The electric seat adjustment and/or the seat heater/seat ventilation or rear monitor is nonfunctional

Cause:

Seat wiring harness damaged in area of backrest (see Pic1).

Attachments	
File	Description
Pic1.jpg	Damaged area

Remedy:

- Remove seat-back lining from seat on left and right.
- Repair damaged area of wiring harness according to approved instructions.
- Cover the panel edge in this area on both seats with felt.
- Then perform a function test.
- Assemble in the reverse order.

Symptoms
Body / Seat / Seat adjustment / Does not adjust aft
Body / Seat / Seat adjustment / Does not adjust fore
Body / Seat / Seat adjustment / Does not adjust up
Body / Seat / Seat adjustment / Does not adjust down
Body / Seat / Seat adjustment / Function error
Body / Seat / Seat heater/comfort heater / Seat heater nonfunctional

Control unit/fault code		
Control unit	Fault code	Fault text

SAM - Signal acquisition and actuation module (N10) (CBC)	B229F12	Control unit 'Left front seat heater' has a malfunction. There is a short circuit to positive. (NOT(#Schnittstelle/Gueltigkeiten/LIN/PSM))
SAM - Signal acquisition and actuation module (N10) (CBC)	B22A012	Control unit 'Right front seat heater' has a malfunction. There is a short circuit to positive. (NOT(#Schnittstelle/Gueltigkeiten/LIN/PSM))
SAM - Signal acquisition and actuation module (N10) (CBC)	B23AF13	The power supply to the left front heater pad has a malfunction. There is an open circuit. (NOT(#Schnittstelle/Gueltigkeiten/LIN/PSM))
SAM - Signal acquisition and actuation module (N10) (CBC)	B23B013	The power supply to the right front heater pad has a malfunction. There is an open circuit. (NOT(#Schnittstelle/Gueltigkeiten/LIN/PSM))
D-FOL - Display in left rear passenger compartment (A40/5) (DISP_RL)	A10A00	The power supply in the system is too low.
D-FOL - Display in left rear passenger compartment (A40/5) (DISP_RL)	C18700	Communication with the DVD player has a malfunction.
D-FOR - Display in right rear passenger compartment (A40/6) (DISP_RR)	A10A00	The power supply in the system is too low.
D-FOR - Display in right rear passenger compartment (A40/6) (DISP_RR)	C18700	Communication with the DVD player has a malfunction.

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 983 89 10			Felt	0.2	Material bought by the meter	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			59490 22	K/Z* front seat backrest heater pad chafes

WIS-References			
Document number	Title	Note	Allocation
AR00.19-P-0001A	Repair wiring harness		Remedy
AR91.10-P-1910GQ	Remove/install seat-back lining on front seat backrest		Remedy

Validity

Vehicle	Engine	Transmission
166.003	*	*
166.004	*	*
166.023	*	*
166.024	*	*
166.055	*	*
166.057	*	*
166.058	*	*
166.073	*	*
166.074	*	*

Full model designation breakdown

Vehicle	Engine	Transmission
166.003	651.960	722.908
166.004	651.960	722.908
166.023	642.826	722.903
166.023	642.826	725.031
166.024	642.826	722.903
166.024	642.826	725.031
166.055	276.955	722.906
166.057	276.955	722.906
166.058	276.955	722.906
166.073	278.928	722.909
166.073	278.928	725.031
166.073	278.928	725.032
166.074	157.982	722.905
166.074	157.982	722.931

Attachments

Pic1.jpg:

