

Loss of seat calibration after replacement of seat height adjuster or of seat control unit

Topic number	LI91.29-P-058936
Version	1
Design group	91.29 Seats - electrical system
Date	04-25-2014
Validity	Model series 231, all vehicles prior to code 804
Reason for change	
Reason for block	

Complaint:

The seat control unit cannot be put into operation after the seat height adjuster and/or the seat control unit have been replaced:

- The initial startup fault code B228678 is current.
- Initial startup aborts when saving the normalization with the cause listed as 'Not both softblocks set'

Cause:

Since modification year code 804 a new seat height adjuster with extended longitudinal spindle has been in use. If a new seat height adjuster with code 804 is installed in a vehicle with code 803, then initial startup will be aborted. The new height adjuster with code 804 also required a new control unit with code 804. If the seat control unit with code 804 is installed with an old height adjuster with code 803, initial startup will likewise be aborted.

Remedy:

When installing a new seat height adjuster with code 804 in a vehicle with code 803, the seat control unit must be replaced at the same time (code 804 or newer) and initial startup performed.

If only the control unit is replaced, the old seat adjuster can remain in place, but then the seat control unit with code 803 must be installed and initial startup performed.

DO NOT flash via the flash menu.

However, if the system is flashed and initial startup is aborted, then either replace the control unit or have the control unit flashed to code 804 via an XSF Ticket.

Symptoms

Body / Seat / Seat adjustment / Function error

Control unit/fault code

Control unit	Fault code	Fault text
ESA 'Driver' - Electrical seat adjustment 'Driver' with memory function (N32/1) (SEATD166)	-	-

ESA 'Front passenger' - Electrical seat adjustment 'Front passenger' with memory function (N32/2) (SEATP166)	-	-
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Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 231 902 58 02			Driver seat software	1	Code 803, YoM 12/1	X	
A 231 902 59 02			Front passenger seat software	1	Code 803, YoM 12/1	X	
A 231 903 28 00			Driver/passenger seat parameter data	1	Code 803, YoM 12/1	X	
A 231 902 37 02			Driver seat software	1	Code 804, YoM 13/1	X	
A 231 902 38 02			Front passenger seat software	1	Code 804, YoM 13/1	X	
A 231 903 24 00			Driver/passenger seat parameter data	1	Code 804, YoM 13/1	X	
A 001 910 13 36			Left 8-way height adjuster	1	Code 803, YoM 12/1	X	
A 001 910 14 36			Right 8-way height adjuster	1	Code 803, YoM 12/1	X	
A 000 910 51 04			Left 8-way height adjuster	1	Code 804, YoM 13/1	X	
A 000 910 52 04			Right 8-way height adjuster	1	Code 804, YoM 13/1	X	

WIS-References			
Document number	Title	Note	Allocation
AR91.29-P-0008RK	Remove/install seat adjustment control unit		Remedy
AR91.10-P-1000RK	Remove/install front seat		Remedy

Validity		
Vehicle	Engine	Transmission
SL (231)	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
231.457	276.954	722.906
231.465	276.825	722.904
231.473	278.927	722.909
231.474	157.983	722.931
231.479	279.981	722.932