

Partially electric seat adjustment switch broken

Topic number	LI91.29-P-050932
Version	2
Design group	91.29 Seats - electrical system
Date	07-10-2014
Validity	Model: 211/219 as of 1.7.04 except code (275) Memory package (driver seat, steering column, mirrors) except code (242) Electrically adjustable front passenger seat with memory Procedure depends on the VIN end number For model series 211 up to WDB211 020 1B 038 511 For model series 219 up to WDB219 322 1A 093 640
Reason for change	WIS reference added
Reason for block	

Complaint:

The controls on the partially electric seat adjustment switch stick or are loose or broken.

Attachments	
File	Description
bild 1.jpg	Partially electric seat adjustment switch

Cause:

Excessive force application, broken by force

Remedy:

Step 1: Check production date/VIN end number of vehicle

On model series 211 (produced up to VIN WDB2110201B038511) and on model series 219 (produced up to VIN WDB2193221A093640) the switches must be replaced.

When replacing, the object numbers listed in the parts list must be used:

Procedure (1):

- Open stowage compartment flap
- Loosen bolt T20
- Tilt covering forwards and disconnect connector for partially electric seat adjustment switch.

Pay attention to the catch tabs on the covering!

- Loosen bolts on switch.
- Install in the reverse order.

On model series 211 (produced as of VIN WDB2110201B038512) and on model series 219 (produced as of VIN WDB 2193221A093641) the optimized switch is installed (recognizable by the visible brass plate inside the switch).

With these switches, proceed as follows:

1. If the two gray pins are undamaged (see picture "Schalter mit intakten Pins und Ersatzteil_1.jpg"), the switch button, if intact (i.e. shaft not bent), can simply be pushed back on. You can tell that the pin is damaged by the fact that the pin pops back to its original position by itself when you push the pin down and release it.

The switch button can be ordered separately if required.

Another function test must be performed in order to rule out any possibility of damage inside the switch unit.

If there is any damage inside the switch unit, the entire switch unit must be replaced.

2. If one or both of the pins is bent, the entire switch unit must be replaced and tested for malfunction.

Attachments	
File	Description
bild 2.jpg	Loosen bolts T 20
bild 3.jpg	Loosen covering and detach connectors. Caution - Catch tabs!
bild 4.jpg	Loosen bolts on switch and replace switch.
bild 5.jpg	Push on replacement part
bild 6.jpg	Replace switch unit.

Symptoms
Body / Seat / Seat adjustment / Function error

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A0015453104			Switch button	1	Left seat cushion	X	
A0015453204			Switch button	1	Right seat cushion	X	
A2198700110			Switch unit, model series 219	1	Left seat. Vehicles as of Week 36 2006	X	
A2198700210			Switch unit, model series 219	1	Right seat. Vehicles as of Week 36 2006	X	
A2118701010			Switch unit, model series 211	1	Left seat. Vehicles as of Week 34 2006	X	
A2118701110			Switch unit, model series 211	1	Right seat. Vehicles as of Week 34 2006	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			82A0A 06	Left seat adjustment switch
			82N0A 06	Right seat adjustment switch

WIS-References

Document number	Title	Note	Allocation
ar91.29-p-0003t	Remove/install seat adjustment switch unit on front seat		Remedy

Validity		
Vehicle	Engine	Transmission
211.004	*	*
211.006	*	*
211.016	*	*
211.020	*	*
211.022	*	*
211.023	*	*
211.026	*	*
211.028	*	*
211.029	*	*
211.042	*	*
211.054	*	*
211.056	*	*
211.061	*	*
211.065	*	*
211.070	*	*
211.076	*	*
211.080	*	*
211.082	*	*
211.083	*	*
211.084	*	*
211.087	*	*
211.089	*	*
211.092	*	*
211.206	*	*
211.216	*	*
211.220	*	*
211.222	*	*
211.223	*	*
211.226	*	*
211.242	*	*
211.254	*	*
211.256	*	*
211.261	*	*
211.265	*	*
211.270	*	*
211.276	*	*

211.280	*	*
211.282	*	*
211.283	*	*
211.284	*	*
211.287	*	*
211.289	*	*
211.292	*	*
211.606	*	*
211.616	*	*
211.620	*	*
219.322	*	*
219.356	*	*
219.375	*	*
219.376	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
211.004	646.951	716.604
211.004	646.951	716.606
211.004	646.951	722.699
211.006	646.961	716.649
211.006	646.961	722.699
211.016	647.961	716.649
211.016	647.961	716.654
211.016	647.961	722.640
211.020	642.920	716.646
211.020	642.920	716.653
211.020	642.920	722.902
211.022	642.920	722.902
211.023	648.961	722.640
211.026	648.961	722.626
211.028	628.961	722.639
211.029	629.910	722.903
211.042	271.941	716.628
211.042	271.941	716.631
211.042	271.941	722.695
211.054	272.943	716.667
211.054	272.943	716.669
211.054	272.943	722.999
211.056	272.964	716.665
211.056	272.964	716.666
211.056	272.964	722.906

211.061	112.913	716.623
211.061	112.913	716.634
211.061	112.913	722.696
211.065	112.949	722.618
211.070	113.967	722.633
211.070	113.967	722.901
211.076	113.990	722.643
211.080	112.917	722.667
211.082	112.954	722.668
211.083	113.969	722.672
211.084	642.921	722.689
211.087	272.972	716.665
211.087	272.972	716.666
211.087	272.972	722.676
211.089	642.921	722.689
211.092	272.944	716.665
211.092	272.944	716.666
211.092	272.944	722.690
211.206	646.961	716.649
211.206	646.961	722.699
211.216	647.961	716.649
211.216	647.961	716.654
211.216	647.961	722.640
211.220	642.920	716.646
211.220	642.920	716.653
211.220	642.920	722.902
211.222	642.920	722.902
211.223	648.961	722.640
211.226	648.961	722.626
211.242	271.941	716.628
211.242	271.941	716.631
211.242	271.941	722.695
211.254	272.943	716.667
211.254	272.943	716.669
211.254	272.943	722.999
211.256	272.964	716.665
211.256	272.964	716.666
211.256	272.964	722.906
211.261	112.913	716.623
211.261	112.913	716.634
211.261	112.913	722.696
211.265	112.949	722.618
211.270	113.967	722.633

211.270	113.967	722.901
211.276	113.990	722.643
211.280	112.917	722.667
211.282	112.954	722.668
211.283	113.969	722.672
211.284	642.921	722.689
211.287	272.972	716.665
211.287	272.972	716.666
211.287	272.972	722.676
211.289	642.921	722.689
211.292	272.944	716.665
211.292	272.944	716.666
211.292	272.944	722.690
211.606	646.961	722.699
211.616	647.961	722.640
211.620	642.920	722.902
219.322	642.920	722.902
219.356	272.964	722.906
219.375	113.967	722.901
219.376	113.990	722.643

Attachments

bild 1.jpg:



bild 2.jpg:



bild 3.jpg:



bild 4.jpg:



bild 5.jpg:



bild 6.jpg:

