

**Illumination of electric parking brake switch
flashes when exterior lights are switched on**

Topic number	LI68.20-P-053763
Version	1
Design group	68.20 Center console
Date	06-07-2012
Validity	Model 216/221
Reason for change	
Reason for block	

Complaint:

The illumination of the electric parking brake switch (S76/15) flashes 10 times and then remains off when the exterior lights are switched on.

Cause:

1. The illumination of the front ashtray is malfunctioning.
2. The wiring harness or the contact of the 12 V socket in the front ashtray has an open circuit or a short circuit to ground.

Background:

The illumination of the electric parking brake switch (S76/15) is connected together with the illumination of the ashtray (R3e1) to the collective circuit 58d output of the front SAM (N10/1). This output features a load monitor which is used to detect a malfunctioning bulb. If an insufficient load is detected, the front SAM (N10/1) repeats the switch-on sequence 10 times and then switches off the output.

Remedy:

Remedy 1: Check light source in ashtray for proper operation. If the light source is malfunctioning, the 12 V socket in the front ashtray must be replaced (see parts ordering note).

Remedy 2: Check wiring harness and contact of 12 V socket in front ashtray for open circuit, short circuit to ground or widened female contacts. Repair or replace if necessary.

Symptoms
Lighting / Switch illumination / Overall vehicle / Does not go on / Interior illumination /
Lighting / Switch illumination / Overall vehicle / Flickers / Interior illumination /
Lighting / Overall vehicle / Ashtray illumination / Interior illumination / Does not go on /
Lighting / Flickers / Overall vehicle / Ashtray illumination / Interior illumination /

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A 000 820 31 51			Socket in housing	1	Model series 221 up to facelift (vehicles up to code 809) Model series 216 all vehicles	X	

XENTRY

A 000 820 60 51		Socket in housing	1	Model series 221 as of facelift (vehicles as of code 800) Not for model series 216	X
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Work units				
Op. no.	Operation text	Time	Damage code	Note
			54505 73	

Validity		
Vehicle	Engine	Transmission
CL (216)	*	*
S (221)	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
216.371	273.961	722.904
216.373	278.920	722.909
216.374	157.980	722.931
216.376	275.953	722.649
216.377	156.984	722.907
216.377	156.984	722.930
216.379	275.982	722.649
216.379	275.982	722.932
216.386	273.968	722.904
216.386	273.968	722.961
216.394	278.920	722.967
221.003	651.961	722.908
221.022	642.930	722.902
221.026	642.862	722.903
221.028	629.911	722.903
221.054	272.946	722.999
221.056	272.965	722.906
221.057	276.950	722.906
221.070	273.922	722.904
221.071	273.961	722.904
221.073	278.932	722.909
221.074	157.980	722.931
221.077	156.984	722.907
221.077	156.984	722.930

XENTRY

221.080	642.932	722.962
221.082	276.950	722.960
221.083	642.868	722.966
221.084	273.924	722.961
221.086	273.968	722.961
221.087	272.975	722.960
221.094	278.932	722.967
221.095	272.974	722.950
221.103	651.961	722.908
221.122	642.930	722.902
221.126	642.862	722.903
221.128	629.911	722.903
221.154	272.946	722.999
221.156	272.965	722.906
221.157	276.950	722.906
221.170	273.922	722.904
221.171	273.961	722.904
221.173	278.932	722.909
221.174	157.980	722.931
221.176	275.953	722.649
221.177	156.984	722.907
221.177	156.984	722.930
221.179	275.982	722.649
221.180	642.932	722.962
221.182	276.950	722.960
221.183	642.868	722.966
221.184	273.924	722.961
221.186	273.968	722.961
221.187	272.975	722.960
221.194	278.932	722.967
221.195	272.974	722.950