

High Beam Assist temporarily inoperative

Topic number	LI82.10-P-053439
Version	2
Design group	82.10 Exterior lights
Date	06-12-2012
Validity	MODEL 204.###, 212.###, 207.###, 221.###, 216.###, 218.###, 166.### with SA code 608 (High Beam Assist) and not 513/476/238 Affected production period: 01.08.2010 - 31.01.2011 or 01.05.2011 - 30.08.2011
Reason for change	SA code restricted
Reason for block	

Complaint:

When the High Beam Assist is activated a "High Beam Assist inoperative" message appears in the instrument cluster.

Switch-on conditions for High Beam Assist:

- High Beam Assist in instrument cluster menu "On"
- Multifunction switch set to high beam position
- Light sensor detects "Night"

Cause:

In isolated circumstances, it can happen that the multifunction camera fails to log into the data bus CAN in the temperature ranges (23 °F to + 41 °F and 68 °F to 86 °F). A fault code entry is not made. Following a renewed ignition sequence and a change in component temperature, the system is operational again.

Remedy:

Replace MFK and calibrate with the aid of the "calibration target for Night View Assist" special tool (W 000 589 01 21 00).

Symptoms
Driving lights / Lighting / Overall vehicle / Adaptive Highbeam Assist / Exterior lights / High beams do not switch on /
Driving lights / Lighting / Overall vehicle / Adaptive Highbeam Assist / Exterior lights / High beams switch off without obvious cause /
Driving lights / Lighting / Overall vehicle / Adaptive Highbeam Assist / High beams temporarily unavailable / Exterior lights /
Driving lights / Lighting / Overall vehicle / Adaptive Highbeam Assist / Display currently unavailable / Exterior lights /
Driving lights / Lighting / Overall vehicle / Adaptive Highbeam Assist / Warning message in instrument cluster / Exterior lights /

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC

XENTRY

A 000 905 03 38		Multifunction camera	1	Multifunction camera for code 608 (High Beam Assist)	X
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Work units				
Op. no.	Operation text	Time	Damage code	Note
			8230E 73	Multifunction camera

Validity		
Vehicle	Engine	Transmission
166.024	*	*
166.057	*	*
204.000	*	*
204.001	*	*
204.002	*	*
204.003	*	*
204.006	*	*
204.007	*	*
204.008	*	*
204.022	*	*
204.023	*	*
204.025	*	*
204.041	*	*
204.044	*	*
204.045	*	*
204.046	*	*
204.047	*	*
204.048	*	*
204.049	*	*
204.052	*	*
204.054	*	*
204.055	*	*
204.056	*	*
204.057	*	*
204.065	*	*
204.077	*	*
204.080	*	*
204.081	*	*
204.082	*	*
204.085	*	*
204.087	*	*

XENTRY

204.088	*	*
204.089	*	*
204.092	*	*
204.200	*	*
204.201	*	*
204.202	*	*
204.203	*	*
204.207	*	*
204.208	*	*
204.222	*	*
204.223	*	*
204.225	*	*
204.241	*	*
204.245	*	*
204.246	*	*
204.247	*	*
204.248	*	*
204.249	*	*
204.252	*	*
204.254	*	*
204.256	*	*
204.257	*	*
204.277	*	*
204.282	*	*
204.289	*	*
204.292	*	*
204.302	*	*
204.303	*	*
204.347	*	*
204.349	*	*
204.357	*	*
207.302	*	*
207.303	*	*
207.322	*	*
207.323	*	*
207.347	*	*
207.348	*	*
207.355	*	*
207.356	*	*
207.357	*	*
207.359	*	*
207.372	*	*
207.373	*	*

XENTRY

207.402	*	*
207.403	*	*
207.422	*	*
207.423	*	*
207.447	*	*
207.448	*	*
207.455	*	*
207.456	*	*
207.457	*	*
207.459	*	*
207.472	*	*
207.473	*	*
212.002	*	*
212.003	*	*
212.005	*	*
212.020	*	*
212.023	*	*
212.024	*	*
212.025	*	*
212.041	*	*
212.047	*	*
212.048	*	*
212.052	*	*
212.053	*	*
212.054	*	*
212.055	*	*
212.056	*	*
212.057	*	*
212.059	*	*
212.072	*	*
212.073	*	*
212.074	*	*
212.077	*	*
212.080	*	*
212.082	*	*
212.087	*	*
212.088	*	*
212.089	*	*
212.090	*	*
212.091	*	*
212.093	*	*
212.147	*	*
212.148	*	*

XENTRY

212.152	*	*
212.154	*	*
212.202	*	*
212.203	*	*
212.205	*	*
212.220	*	*
212.223	*	*
212.224	*	*
212.225	*	*
212.247	*	*
212.248	*	*
212.254	*	*
212.255	*	*
212.256	*	*
212.257	*	*
212.259	*	*
212.272	*	*
212.273	*	*
212.274	*	*
212.277	*	*
212.280	*	*
212.282	*	*
212.287	*	*
212.288	*	*
212.289	*	*
212.291	*	*
212.293	*	*
218.303	*	*
218.323	*	*
218.355	*	*
218.359	*	*
218.373	*	*
218.374	*	*
218.391	*	*
218.393	*	*
CL (216)	*	*
S (221)	*	*