

Automatic liftgate intermittently does not open

Topic number	LI72.20-P-055301
Version	1
Design group	72.20 Rear door, tailgate
Date	02-04-2013
Validity	MODEL 166
Reason for change	
Reason for block	

Complaint:

- When the liftgate is in the closed state, although the liftgate lock is unlocked, the liftgate sometimes does not open automatically.

- The opening sequence of the liftgate control is sometimes aborted.

- Fault code B188229 is stored in the liftgate control (HKS) control unit.

Cause:

Implausible position sensor signal.

Remedy:

Perform initial startup of liftgate control (HKS) control unit.

=> If the above action does not remedy the problem, it is necessary to replace the liftgate drive unit.

After the drive unit is replaced, the liftgate control must be normalized again.

Note: Replacing the liftgate lock does not remedy the problem!

Symptoms
Body / Door/Flap / Hood/flap / Trunk lid/liftgate / Does not open
Body / Door/Flap / Hood/flap / Trunk lid/liftgate / Does not close

Control unit/fault code		
Control unit	Fault code	Fault text
HKS - Tailgate control (N121/1) (PTCM166)	B188229	Position sensor 'Trunk lid/tailgate' has a malfunction. There is an invalid signal.

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other ma- ke part
A 166 890 04 30				1	ML-Class liftgate drive unit	X	
A 166 890 05 30				1	GL-Class liftgate drive unit	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
54-0991	CONTROL UNIT:INSTALL SOFTWARE (AFTER QUICK TEST)		8210H E8	

Validity		
Vehicle	Engine	Transmission
M (166)	*	*

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