

Collision Prevention Assist warns without obvious cause

Topic number	LI30.30-P-057139
Version	5
Design group	30.30 Cruise control (CC), Distronic (DTR)
Date	05-02-2016
Validity	Model series 207 with code 258 and code 803/804 Model series 212 with code 258 and code 803/804
Reason for change	Validity revised.
Reason for block	

Complaint:

Collision Prevention Assist (CPA) may warn for no obvious reason (optical and acoustic warning message).

Cause:

The offset value for the CPA sensor was not programmed correctly.

Remedy:

Check the following before performing any further operations:

Check mounting and installation position of component 'A90 (COLLISION PREVENTION ASSIST control unit)'

Make sure that the subharness of the assembly part 'A90 (COLLISION PREVENTION ASSIST control unit)' was correctly routed.

Check contact surface of sensor for residue or soiling

If nothing is found, proceed as follows.

Model series 207 with code 772 and BR212:

Update software for CPA control unit (SG-AWF, A90).

After this, the previously programmed offset value for the CPA control unit is to be erased.

Model series 207 without code 772:

Replace CPA sensor.

Then perform a software update of the CPA control unit (SG-AWF, A90) and erase the previously programmed offset value for the CPA control unit.

Symptoms

Communication/information / Warning and control system / COLLISION PREVENTION ASSIST / Warning message in instrument cluster

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 207 905 27 03			CPA sensor	1	Only valid for vehicles of model series 207 without code 772	X

Operation numbers/damage codes

XENTRY TIPS

Op. no.	Operation text	Time	Damage code	Note
			54W10 90	

Validity		
Vehicle	Engine	Transmission
E (207) - 207.302	*	*
E (207) - 207.303	*	*
E (207) - 207.322	*	*
E (207) - 207.323	*	*
E (207) - 207.326	*	*
E (207) - 207.334	*	*
E (207) - 207.336	*	*
E (207) - 207.347	*	*
E (207) - 207.348	*	*
E (207) - 207.355	*	*
E (207) - 207.356	*	*
E (207) - 207.357	*	*
E (207) - 207.359	*	*
E (207) - 207.362	*	*
E (207) - 207.365	*	*
E (207) - 207.372	*	*
E (207) - 207.373	*	*
E (207) - 207.388	*	*
E (207) - 207.402	*	*
E (207) - 207.403	*	*
E (207) - 207.422	*	*
E (207) - 207.423	*	*
E (207) - 207.426	*	*
E (207) - 207.434	*	*
E (207) - 207.436	*	*
E (207) - 207.447	*	*
E (207) - 207.448	*	*
E (207) - 207.455	*	*
E (207) - 207.456	*	*
E (207) - 207.457	*	*
E (207) - 207.459	*	*
E (207) - 207.462	*	*
E (207) - 207.465	*	*
E (207) - 207.472	*	*
E (207) - 207.473	*	*
E (212) - 212.001	*	*

XENTRY TIPS

E (212) - 212.002	*	*
E (212) - 212.003	*	*
E (212) - 212.004	*	*
E (212) - 212.005	*	*
E (212) - 212.020	*	*
E (212) - 212.021	*	*
E (212) - 212.023	*	*
E (212) - 212.024	*	*
E (212) - 212.025	*	*
E (212) - 212.026	*	*
E (212) - 212.027	*	*
E (212) - 212.034	*	*
E (212) - 212.035	*	*
E (212) - 212.036	*	*
E (212) - 212.040	*	*
E (212) - 212.041	*	*
E (212) - 212.047	*	*
E (212) - 212.048	*	*
E (212) - 212.052	*	*
E (212) - 212.053	*	*
E (212) - 212.054	*	*
E (212) - 212.055	*	*
E (212) - 212.056	*	*
E (212) - 212.057	*	*
E (212) - 212.059	*	*
E (212) - 212.065	*	*
E (212) - 212.067	*	*
E (212) - 212.072	*	*
E (212) - 212.073	*	*
E (212) - 212.074	*	*
E (212) - 212.075	*	*
E (212) - 212.076	*	*
E (212) - 212.077	*	*
E (212) - 212.080	*	*
E (212) - 212.082	*	*
E (212) - 212.087	*	*
E (212) - 212.088	*	*
E (212) - 212.089	*	*
E (212) - 212.090	*	*
E (212) - 212.091	*	*
E (212) - 212.092	*	*
E (212) - 212.093	*	*
E (212) - 212.094	*	*

XENTRY TIPS

E (212) - 212.095	*	*
E (212) - 212.097	*	*
E (212) - 212.098	*	*
E (212) - 212.134	*	*
E (212) - 212.136	*	*
E (212) - 212.147	*	*
E (212) - 212.148	*	*
E (212) - 212.154	*	*
E (212) - 212.162	*	*
E (212) - 212.165	*	*
E (212) - 212.167	*	*
E (212) - 212.168	*	*
E (212) - 212.195	*	*
E (212) - 212.202	*	*
E (212) - 212.203	*	*
E (212) - 212.205	*	*
E (212) - 212.220	*	*
E (212) - 212.221	*	*
E (212) - 212.223	*	*
E (212) - 212.224	*	*
E (212) - 212.225	*	*
E (212) - 212.226	*	*
E (212) - 212.227	*	*
E (212) - 212.234	*	*
E (212) - 212.236	*	*
E (212) - 212.247	*	*
E (212) - 212.248	*	*
E (212) - 212.254	*	*
E (212) - 212.255	*	*
E (212) - 212.256	*	*
E (212) - 212.257	*	*
E (212) - 212.259	*	*
E (212) - 212.265	*	*
E (212) - 212.267	*	*
E (212) - 212.272	*	*
E (212) - 212.273	*	*
E (212) - 212.274	*	*
E (212) - 212.275	*	*
E (212) - 212.276	*	*
E (212) - 212.277	*	*
E (212) - 212.280	*	*
E (212) - 212.282	*	*
E (212) - 212.287	*	*

XENTRY TIPS

E (212) - 212.288	*	*
E (212) - 212.289	*	*
E (212) - 212.291	*	*
E (212) - 212.292	*	*
E (212) - 212.293	*	*
E (212) - 212.294	*	*
E (212) - 212.298	*	*