

Collision Prevention Assist warns without obvious cause

Topic number	LI30.30-P-057139
Version	3
Design group	30.30 Cruise control (CC), Distronic (DTR)
Date	05-27-2014
Validity	Model series 207 with code 258 Model series 212 with code 258
Reason for change	Part number added
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:

Model series 207 with code 772 and model series 212:

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	Other make part
A 207 905 27 03			CPA sensor	1	Only valid for vehicles of model series 207 without code 772	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note

			54W10 90	
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Validity			
Vehicle	Engine	Transmission	
207.302	*	*	
207.303	*	*	
207.322	*	*	
207.323	*	*	
207.326	*	*	
207.334	*	*	
207.336	*	*	
207.347	*	*	
207.348	*	*	
207.355	*	*	
207.356	*	*	
207.357	*	*	
207.359	*	*	
207.362	*	*	
207.365	*	*	
207.372	*	*	
207.373	*	*	
207.388	*	*	
207.402	*	*	
207.403	*	*	
207.422	*	*	
207.423	*	*	
207.426	*	*	
207.434	*	*	
207.436	*	*	
207.447	*	*	
207.448	*	*	
207.455	*	*	
207.456	*	*	
207.457	*	*	
207.459	*	*	
207.462	*	*	
207.465	*	*	
207.472	*	*	
207.473	*	*	
212.001	*	*	
212.002	*	*	
212.003	*	*	

212.004	*	*
212.005	*	*
212.020	*	*
212.021	*	*
212.023	*	*
212.024	*	*
212.025	*	*
212.026	*	*
212.027	*	*
212.034	*	*
212.035	*	*
212.036	*	*
212.040	*	*
212.041	*	*
212.047	*	*
212.048	*	*
212.052	*	*
212.053	*	*
212.054	*	*
212.055	*	*
212.056	*	*
212.057	*	*
212.059	*	*
212.065	*	*
212.067	*	*
212.072	*	*
212.073	*	*
212.074	*	*
212.075	*	*
212.076	*	*
212.077	*	*
212.080	*	*
212.082	*	*
212.087	*	*
212.088	*	*
212.089	*	*
212.090	*	*
212.091	*	*
212.092	*	*
212.093	*	*
212.094	*	*
212.095	*	*
212.097	*	*

212.098	*	*
212.134	*	*
212.136	*	*
212.147	*	*
212.148	*	*
212.154	*	*
212.162	*	*
212.165	*	*
212.167	*	*
212.168	*	*
212.195	*	*
212.202	*	*
212.203	*	*
212.205	*	*
212.220	*	*
212.221	*	*
212.223	*	*
212.224	*	*
212.225	*	*
212.226	*	*
212.227	*	*
212.234	*	*
212.236	*	*
212.247	*	*
212.248	*	*
212.254	*	*
212.255	*	*
212.256	*	*
212.257	*	*
212.259	*	*
212.265	*	*
212.267	*	*
212.272	*	*
212.273	*	*
212.274	*	*
212.275	*	*
212.276	*	*
212.277	*	*
212.280	*	*
212.282	*	*
212.287	*	*
212.288	*	*
212.289	*	*

212.291	*	*
212.292	*	*
212.293	*	*
212.294	*	*
212.298	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
207.302	651.911	711.653
207.302	651.911	716.656
207.302	651.911	722.646
207.302	651.911	722.908
207.302	651.911	725.011
207.303	651.911	711.670
207.303	651.911	722.646
207.303	651.911	722.908
207.303	651.911	725.011
207.322	642.836	722.902
207.323	642.838	722.903
207.323	642.838	725.011
207.326	642.838	722.903
207.326	642.838	725.011
207.334	274.920	711.655
207.334	274.920	722.995
207.336	274.920	722.995
207.347	271.860	722.618
207.347	271.860	722.997
207.348	271.860	711.655
207.348	271.860	716.607
207.348	271.860	716.612
207.348	271.860	722.696
207.348	271.860	722.997
207.355	276.957	722.906
207.356	272.961	722.906
207.356	272.988	722.906
207.357	272.982	722.906
207.357	272.984	722.906
207.359	276.957	722.906
207.362	276.820	722.904
207.365	276.820	722.904
207.372	273.966	722.904
207.373	278.922	722.909

207.388	276.957	722.960
207.402	651.911	711.653
207.402	651.911	716.656
207.402	651.911	722.646
207.402	651.911	722.908
207.402	651.911	725.011
207.403	651.911	711.670
207.403	651.911	722.646
207.403	651.911	722.908
207.403	651.911	725.011
207.422	642.836	722.902
207.423	642.838	722.903
207.423	642.838	725.011
207.426	642.838	722.903
207.426	642.838	725.011
207.434	274.920	722.995
207.436	274.920	722.995
207.447	271.860	722.618
207.447	271.860	722.997
207.448	271.860	711.655
207.448	271.860	722.696
207.448	271.860	722.997
207.455	276.957	722.906
207.456	272.961	722.906
207.456	272.988	722.906
207.457	272.984	722.906
207.459	276.957	722.906
207.462	276.820	722.904
207.465	276.820	722.904
207.472	273.966	722.904
207.473	278.922	722.909
212.001	651.924	711.653
212.001	651.924	722.646
212.001	651.924	722.908
212.001	651.924	725.011
212.002	651.924	711.653
212.002	651.924	716.656
212.002	651.924	722.646
212.002	651.924	722.908
212.002	651.924	725.011
212.003	651.924	711.670
212.003	651.924	722.646
212.003	651.924	722.908

212.003	651.924	725.011
212.004	651.924	711.670
212.004	651.924	722.646
212.004	651.924	722.908
212.004	651.924	725.011
212.005	651.925	711.653
212.005	651.925	716.656
212.005	651.925	722.694
212.005	651.925	722.996
212.005	651.925	725.011
212.020	642.850	722.902
212.021	642.852	711.670
212.021	642.852	722.903
212.021	642.852	725.011
212.023	642.852	711.670
212.023	642.852	722.903
212.023	642.852	725.011
212.024	642.850	711.670
212.024	642.850	722.902
212.024	642.850	725.011
212.025	642.850	711.670
212.025	642.850	722.902
212.025	642.850	725.011
212.025	642.856	711.670
212.025	642.856	722.902
212.025	642.856	725.011
212.026	642.852	711.670
212.026	642.852	722.903
212.026	642.852	725.011
212.027	642.852	711.670
212.027	642.852	722.903
212.027	642.852	725.011
212.034	274.920	711.655
212.034	274.920	722.995
212.035	274.920	711.655
212.035	274.920	722.995
212.036	274.920	711.655
212.036	274.920	722.995
212.040	274.910	711.655
212.040	274.910	722.995
212.041	271.958	722.695
212.047	271.860	722.618
212.047	271.860	722.997

212.048	271.860	711.655
212.048	271.860	716.612
212.048	271.860	722.696
212.048	271.860	722.997
212.052	272.923	716.636
212.052	272.923	722.998
212.053	272.980	722.906
212.054	272.952	711.654
212.054	272.952	722.999
212.055	276.952	722.906
212.056	272.980	722.906
212.057	272.983	722.906
212.059	276.952	722.906
212.065	276.820	722.904
212.067	276.820	722.961
212.072	273.971	722.904
212.073	278.922	722.909
212.073	278.922	725.011
212.073	278.922	725.032
212.073	278.922	725.033
212.074	157.981	722.931
212.075	157.981	722.931
212.076	157.981	722.971
212.077	156.985	722.930
212.080	276.952	722.960
212.082	651.924	722.965
212.087	272.977	722.960
212.088	276.952	722.960
212.089	642.856	722.962
212.090	273.970	722.961
212.091	278.922	722.967
212.091	278.922	725.021
212.092	157.981	722.971
212.093	642.858	722.966
212.093	642.858	725.021
212.094	642.858	722.966
212.094	642.858	725.021
212.095	276.952	724.206
212.097	651.924	722.965
212.098	651.924	724.208
212.134	274.920	711.655
212.134	274.920	722.995
212.136	274.920	711.655

212.136	274.920	722.995
212.147	271.860	722.618
212.147	271.860	722.997
212.148	271.860	711.655
212.148	271.860	722.696
212.148	271.860	722.997
212.154	272.952	711.654
212.154	272.952	722.999
212.162	276.820	722.904
212.165	276.820	722.904
212.167	276.820	722.961
212.168	276.820	722.961
212.195	276.952	724.206
212.202	651.924	711.653
212.202	651.924	716.656
212.202	651.924	722.646
212.202	651.924	722.908
212.202	651.924	725.011
212.203	651.924	711.670
212.203	651.924	722.646
212.203	651.924	722.908
212.203	651.924	725.011
212.205	651.925	711.653
212.205	651.925	716.656
212.205	651.925	722.694
212.205	651.925	722.996
212.205	651.925	725.011
212.220	642.850	722.902
212.221	642.852	711.670
212.221	642.852	722.903
212.221	642.852	725.011
212.223	642.852	711.670
212.223	642.852	722.903
212.223	642.852	725.011
212.224	642.850	711.670
212.224	642.850	722.902
212.224	642.850	725.011
212.225	642.850	711.670
212.225	642.850	722.902
212.225	642.850	725.011
212.226	642.852	711.670
212.226	642.852	722.903
212.226	642.852	725.011

212.227	642.852	711.670
212.227	642.852	722.903
212.227	642.852	725.011
212.234	274.920	711.655
212.234	274.920	722.995
212.236	274.920	711.655
212.236	274.920	722.995
212.247	271.860	722.618
212.247	271.860	722.997
212.248	271.860	711.655
212.248	271.860	716.612
212.248	271.860	722.696
212.248	271.860	722.997
212.254	272.952	711.654
212.254	272.952	722.999
212.255	276.952	722.906
212.256	272.980	722.906
212.257	272.983	722.906
212.259	276.952	722.906
212.265	276.820	722.904
212.267	276.820	722.961
212.272	273.971	722.904
212.273	278.922	722.909
212.273	278.922	725.011
212.273	278.922	725.032
212.273	278.922	725.033
212.274	157.981	722.931
212.275	157.981	722.931
212.276	157.981	722.971
212.277	156.985	722.930
212.280	276.952	722.960
212.282	651.924	722.965
212.287	272.977	722.960
212.288	276.952	722.960
212.289	642.856	722.962
212.291	278.922	722.967
212.291	278.922	725.021
212.292	157.981	722.971
212.293	642.858	722.966
212.293	642.858	725.021
212.294	642.858	722.966
212.294	642.858	725.021
212.298	651.924	724.208

