

Xenon burner inoperative

Topic number	LI82.10-P-054588
Version	2
Design group	82.10 Exterior lights
Date	06-27-2013
Validity	Model 211 with model refinement package, 164, 212
Reason for change	Fault code adjusted
Reason for block	

Complaint:

Xenon burner inoperative or flickers

Cause:

The threshold value indicating the end of the service life has been exceeded.

Remedy:

When replacing a xenon burner always use Xentry/DAS to determine the current combustion duration of the other xenon burner.

When it exceeds 120,000 minutes of operation, the second xenon burner should be replaced as a preventive measure.

Note: Reset the operation counter to zero after replacing.

Symptoms

Overall vehicle / Lighting / Exterior lights / Driving lights / Low beams / Low beam function / Nonfunctional

Control unit/fault code

Control unit	Fault code	Fault text
XALWA-L-Xenon headlamp, left (XALWAL2) (M (164),E (211))	9055	Xenon output unit defective
XALWA-R-Xenon headlamp, right (XALWAR2) (M (164),E (211))	9055	Xenon output unit defective
XALWA-R-Xenon headlamp, right (XALWAR2) (M (164),E (211))	9051	Component E2e10 (Right bi-xenon lamp with integral ignition module) is defective.
XALWA-L-Xenon headlamp, left (XALWAL2) (M (164),E (211))	9051	Component E1e10 (Left bi-xenon lamp with integral ignition module) is defective.
XALWA-R - Right xenon headlamp (E2n1) (HLM_LT_212) (E (212))	9055	The xenon power electronics are defective.

XALWA-R - Right xenon head-lamp (E2n1) (HLM_LT_212) (E (212))	9051	Component 'E1e10 (Left xenon bulb with integrated ignition module)' is defective.
XALWA-R - Right xenon head-lamp (E2n1) (HLM_RT_212) (E (212))	9055	The xenon power electronics are defective.
XALWA-R - Right xenon head-lamp (E2n1) (HLM_RT_212) (E (212))	9051	Component 'E2e10 (Right xenon bulb with integrated ignition module)' is defective.

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
N91013900000 2			Xenon burner	1		X	

Validity		
Vehicle	Engine	Transmission
164.120	*	*
164.122	*	*
164.128	*	*
164.172	*	*
164.175	*	*
164.177	*	*
164.186	*	*
211.004	*	*
211.006	*	*
211.007	*	*
211.008	*	*
211.016	*	*
211.020	*	*
211.022	*	*
211.023	*	*
211.024	*	*
211.026	*	*
211.028	*	*
211.029	*	*
211.041	*	*
211.042	*	*
211.052	*	*
211.054	*	*
211.056	*	*

211.057	*	*
211.061	*	*
211.065	*	*
211.070	*	*
211.072	*	*
211.076	*	*
211.077	*	*
211.080	*	*
211.082	*	*
211.083	*	*
211.084	*	*
211.087	*	*
211.089	*	*
211.090	*	*
211.092	*	*
211.206	*	*
211.207	*	*
211.208	*	*
211.216	*	*
211.220	*	*
211.222	*	*
211.223	*	*
211.226	*	*
211.241	*	*
211.242	*	*
211.252	*	*
211.254	*	*
211.256	*	*
211.261	*	*
211.265	*	*
211.270	*	*
211.272	*	*
211.276	*	*
211.277	*	*
211.280	*	*
211.282	*	*
211.283	*	*
211.284	*	*
211.287	*	*
211.289	*	*
211.290	*	*
211.292	*	*
211.606	*	*

211.608	*	*
211.616	*	*
211.620	*	*
212.002	*	*
212.003	*	*
212.005	*	*
212.020	*	*
212.021	*	*
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	*	*
212.095	*	*
212.098	*	*
212.147	*	*
212.148	*	*
212.154	*	*
212.202	*	*
212.203	*	*
212.205	*	*
212.220	*	*
212.221	*	*

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	*	*
212.298	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
164.120	642.940	722.902
164.122	642.940	722.902
164.128	629.912	722.903
164.172	273.963	722.904
164.175	113.964	722.901
164.177	156.980	722.907
164.186	272.967	722.906
211.004	646.951	716.604
211.004	646.951	716.606
211.004	646.951	722.699
211.006	646.961	716.649
211.006	646.961	722.699
211.007	646.820	716.654
211.007	646.820	722.699
211.007	646.821	716.654
211.007	646.821	722.699
211.008	646.821	716.654

211.008	646.821	722.640
211.016	647.961	716.649
211.016	647.961	716.654
211.016	647.961	722.640
211.020	642.920	716.646
211.020	642.920	716.653
211.020	642.920	722.902
211.022	642.920	722.902
211.023	648.961	722.640
211.024	642.920	722.902
211.026	648.961	722.626
211.028	628.961	722.639
211.029	629.910	722.903
211.041	271.956	716.628
211.041	271.956	716.631
211.041	271.956	722.695
211.042	271.941	716.628
211.042	271.941	716.631
211.042	271.941	722.695
211.052	272.922	716.634
211.052	272.922	716.638
211.052	272.922	722.998
211.054	272.943	716.667
211.054	272.943	716.669
211.054	272.943	722.999
211.056	272.964	716.665
211.056	272.964	716.666
211.056	272.964	722.906
211.057	272.985	716.665
211.057	272.985	716.666
211.057	272.985	722.906
211.061	112.913	716.623
211.061	112.913	716.634
211.061	112.913	722.696
211.065	112.949	722.618
211.070	113.967	722.633
211.070	113.967	722.901
211.072	273.960	722.904
211.076	113.990	722.643
211.077	156.983	722.907
211.080	112.917	722.667
211.082	112.954	722.668
211.083	113.969	722.672

211.084	642.921	722.689
211.087	272.972	716.665
211.087	272.972	716.666
211.087	272.972	722.676
211.089	642.921	722.689
211.090	273.962	722.677
211.092	272.944	716.665
211.092	272.944	716.666
211.092	272.944	722.690
211.206	646.961	716.649
211.206	646.961	722.699
211.207	646.821	716.654
211.207	646.821	722.640
211.207	646.821	722.699
211.208	646.821	716.654
211.208	646.821	722.640
211.216	647.961	716.649
211.216	647.961	716.654
211.216	647.961	722.640
211.220	642.920	716.646
211.220	642.920	716.653
211.220	642.920	722.902
211.222	642.920	722.902
211.223	648.961	722.640
211.226	648.961	722.626
211.241	271.956	716.628
211.241	271.956	716.631
211.241	271.956	722.695
211.242	271.941	716.628
211.242	271.941	716.631
211.242	271.941	722.695
211.252	272.922	716.634
211.252	272.922	722.998
211.254	272.943	716.667
211.254	272.943	716.669
211.254	272.943	722.999
211.256	272.964	716.665
211.256	272.964	716.666
211.256	272.964	722.906
211.261	112.913	716.623
211.261	112.913	716.634
211.261	112.913	722.696
211.265	112.949	722.618

211.270	113.967	722.633
211.270	113.967	722.901
211.272	273.960	722.904
211.276	113.990	722.643
211.277	156.983	722.907
211.280	112.917	722.667
211.282	112.954	722.668
211.283	113.969	722.672
211.284	642.921	722.689
211.287	272.972	716.665
211.287	272.972	716.666
211.287	272.972	722.676
211.289	642.921	722.689
211.290	273.962	722.677
211.292	272.944	716.665
211.292	272.944	716.666
211.292	272.944	722.690
211.606	646.961	722.699
211.608	646.821	722.640
211.616	647.961	722.640
211.620	642.920	722.902
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
212.005	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
212.041	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
212.072	273.971	722.904
212.073	278.922	722.909
212.073	278.922	725.011
212.073	278.922	725.032
212.074	157.981	722.931
212.074	157.981	722.965
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
212.093	642.858	722.966
212.093	642.858	725.021
212.095	276.952	724.206
212.098	651.924	724.208

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
212.202	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
212.247	271.860	722.618
212.247	271.860	722.997
212.248	271.860	711.655
212.248	271.860	716.607
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
212.272	273.971	722.904
212.273	278.922	722.909
212.273	278.922	725.011
212.273	278.922	725.032
212.274	157.981	722.931
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
212.293	642.858	722.966
212.293	642.858	725.021
212.298	651.924	724.208