



Light/Rain Sensor Update

Classification Repair Bulletin **Section/Group** 17 - Electrical **Country/Region** North America

Year 2012 **Model** Model S **Version** All

Bulletin Classification: *This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla Motors assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

This Service Bulletin supersedes SB-12-17-012, dated 28-Sep-12. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

The light/rain sensor has an inaccurate solar calibration, which could cause a complaint of inadequate cooling when the HVAC system is in automatic mode.

Correction

Upon customer complaint, replace the light/rain sensor with an updated version that has a new calibration.

Required Part(s):	Part Number	Description	Quantity
	1011582-00-C	MODULE - SENSOR - LIGHT/RAIN	1

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Correction Description	Correction	Time
Vehicle Inspection Only; Light/Rain Sensor Replacement Not Required	S011217012	0.1
Replace Light/Rain Sensor	S021217012	0.5

Procedure

1. Remove the trim from the rear view mirror (refer to Service Manual procedure 15050802).
2. Check the label on the light/rain sensor (Figure 1).
 - If the revision code is P03, the sensor is the updated version and replacement is not necessary; discontinue this procedure.
 - If the revision code is P01 or P02, replace the sensor (refer to Service Manual procedure 10200502).



Figure 1

3. Reinstall the components that were removed for access.

Affected VIN(s) This information is for reference purposes only. This list is not intended to be the sole information source for updates.

5YJSA1DP8CFF00001	5YJSA1DP8CFF00015	5YJSA1DP8CFF00029
5YJSA1DPXCFF00002	5YJSA1DPXCFF00016	5YJSA1DP4CFF00030
5YJSA1DP1CFF00003	5YJSA1DN3CFF00017	5YJSA1DN8CFF00031
5YJSA1DP3CFF00004	5YJSA1DP3CFF00018	5YJSA1DP8CFF00032
5YJSA1DP5CFF00005	5YJSA1DN7CFF00019	5YJSA1DPXCFF00033
5YJSA1DP7CFF00006	5YJSA1DP1CFF00020	5YJSA1DP1CFF00034
5YJSA1DP9CFF00007	5YJSA1DP3CFF00021	5YJSA1DP3CFF00035
5YJSA1DP0CFF00008	5YJSA1DP5CFF00022	5YJSA1DP5CFF00036
5YJSA1DP2CFF00009	5YJSA1DP7CFF00023	5YJSA1DP7CFF00037
5YJSA1DP9CFF00010	5YJSA1DP9CFF00024	5YJSA1DP9CFF00038
5YJSA1DP0CFF00011	5YJSA1DP0CFF00025	5YJSA1DN2CFF00039
5YJSA1DP2CFF00012	5YJSA1DP2CFF00026	5YJSA1DN9CFF00040
5YJSA1DP4CFF00013	5YJSA1DP4CFF00027	5YJSA1DP9CFF00041
5YJSA1DP6CFF00014	5YJSA1DP6CFF00028	5YJSA1DP0CFF00042

5YJSA1DP6CFP01201	5YJSA1DP2CFS00015	5YJSA1DP5CFS00056
5YJSA1DNXCFP01202	5YJSA1DP4CFS00016	5YJSA1DN9CFS00057
5YJSA1DPXCFP01203	5YJSA1DP6CFS00017	5YJSA1DP9CFS00058
5YJSA1DN3CFP01204	5YJSA1DP8CFS00018	5YJSA1DP0CFS00059
5YJSA1DP3CFP01205	5YJSA1DN1CFS00019	5YJSA1DN9CFS00060
5YJSA1DP5CFP01206	5YJSA1DP6CFS00020	5YJSA1DP9CFS00061
5YJSA1DP7CFP01207	5YJSA1DP8CFS00021	5YJSA1DN2CFS00062
5YJSA1DP9CFP01208	5YJSA1DPXCFS00022	5YJSA1DP2CFS00063
5YJSA1DP0CFP01209	5YJSA1DP1CFS00023	5YJSA1DN6CFS00064
5YJSA1DN9CFP01210	5YJSA1DP3CFS00024	5YJSA1DP6CFS00065
5YJSA1AP5CFR00101	5YJSA1DN7CFS00025	5YJSA1DP8CFS00066
5YJSA1AP7CFR00102	5YJSA1DP7CFS00026	5YJSA1DPXCFS00067
5YJSA1AP9CFR00103	5YJSA1DP9CFS00027	5YJSA1DP1CFS00068
5YJSA1AP0CFR00104	5YJSA1DP0CFS00028	5YJSA1DP3CFS00069
5YJSA1AN4CFR00105	5YJSA1DP2CFS00029	5YJSA1DPXCFS00070
5YJSA1AN6CFR00106	5YJSA1DP9CFS00030	5YJSA1DP1CFS00071
5YJSA1AP6CFR00107	5YJSA1DP0CFS00031	5YJSA1DP3CFS00072
5YJSA1ANXCFR00108	5YJSA1DN4CFS00032	5YJSA1DP5CFS00073
5YJSA1AN1CFR00109	5YJSA1DN6CFS00033	5YJSA1DP7CFS00074
5YJSA1AN8CFR00110	5YJSA1DP6CFS00034	5YJSA1DP9CFS00075
5YJSA1AP8CFR00111	5YJSA1DNXCFS00035	5YJSA1DN2CFS00076
5YJSA1AN1CFR00112	5YJSA1DPXCFS00036	5YJSA1DP2CFS00077
5YJSA1AN3CFR00113	5YJSA1DP1CFS00037	5YJSA1DP4CFS00078
5YJSA1AP3CFR00114	5YJSA1DP3CFS00038	5YJSA1DP6CFS00079
5YJSA1AP5CFR00115	5YJSA1DN7CFS00039	5YJSA1DN4CFS00080
5YJSA1AP7CFR00116	5YJSA1DP1CFS00040	5YJSA1DP4CFS00081
5YJSA1AP9CFR00117	5YJSA1DP3CFS00041	5YJSA1DP6CFS00082
5YJSA1DP2CFS00001	5YJSA1DP5CFS00042	5YJSA1DP8CFS00083
5YJSA1DP4CFS00002	5YJSA1DP7CFS00043	5YJSA1DPXCFS00084
5YJSA1DP6CFS00003	5YJSA1DP9CFS00044	5YJSA1DP1CFS00085
5YJSA1DP8CFS00004	5YJSA1DP0CFS00045	5YJSA1DP3CFS00086
5YJSA1DPXCFS00005	5YJSA1DP2CFS00046	5YJSA1DP5CFS00087
5YJSA1DP1CFS00006	5YJSA1DP4CFS00047	5YJSA1DP7CFS00088
5YJSA1DP3CFS00007	5YJSA1DP6CFS00048	5YJSA1DN0CFS00089
5YJSA1DP5CFS00008	5YJSA1DP8CFS00049	5YJSA1DP5CFS00090
5YJSA1DP7CFS00009	5YJSA1DP4CFS00050	5YJSA1DP7CFS00091
5YJSA1DP3CFS00010	5YJSA1DP6CFS00051	5YJSA1DP9CFS00092
5YJSA1DN7CFS00011	5YJSA1DP8CFS00052	5YJSA1DN2CFS00093
5YJSA1DP7CFS00012	5YJSA1DPXCFS00053	5YJSA1DP2CFS00094
5YJSA1DP9CFS00013	5YJSA1DP1CFS00054	5YJSA1DP4CFS00095
5YJSA1DP0CFS00014	5YJSA1DN5CFS00055	5YJSA1DP6CFS00096

5YJSA1DP8CFS00097
5YJSA1DPXCFS00098

5YJSA1DP1CFS00099
5YJSA1DN6CFS00100

5YJSA1DP6CFS00101
5YJSA1DP8CFS00102

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