



Mercedes-Benz

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Selected Model Year: 2005 Model: SL 500

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
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MODEL 230 with CODE (345) Rain sensor

Due to the physical principles governing its function, in a few situations the rain sensor may trigger a wiping cycle when this is not actually necessary (this does not pertain to the initial wiping cycle).

This behavior may occur under the following conditions:

- Strong transitions between light and shadows (due to the position of the sun and the season of the year)
- Insects on the windshield in the area monitored by the sensor
- Fogging of the glass when entering a tunnel or garage

	 In such cases, an exchange of the rain/light sensor is not justified and will not remedy such problems.	
1	Determine whether errors occur.	
2	Inform customers about the technical boundary conditions affecting operation of the sensor	Inform customers of the option of leaving the steering column switch in "0" position during longer dry periods in the summer (no operation of the rain sensor).



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S182.30-P-0006B	Service Information: Notes on operation of the rain/light sensor (RLS)	23.8.04
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MODEL 230 with CODE (345) Rain sensor

The customer notices that wiping occurs too fast and lasts too long in cases where the windshield has been soiled with road salt residue. This causes white streaks and buildup (impairing vision) on the windshield.

Streaked salt deposits (white coating) on the windshield can thus lead to triggering of undesired wiping cycles. Cleaning the windshield with window washer fluid prepared with the proper concentrated washer additive will dissolve the salt layer and remove it from the glass.

i The rain/light sensor (RLS) reacts to streaked and smeared road salt spray in a similar way as if there were heavy rain. As a result, it does not correctly evaluate the actual conditions.

The sensor will then function normally.

Please also observe the information in the vehicle owner's manual.

	i The RLS itself is functioning correctly; it must not be exchanged!	
1	Inform customers about the technical considerations pertaining to this situation.	Whenever there are white smears and streaks on the windshield caused by road salt, the windshield washer system must be used more frequently to keep the windshield free of salt residue.