

Back lights

Different tail lights are used in the Audi A6 '05, depending on the equipment variant.

This is differentiated into the following:

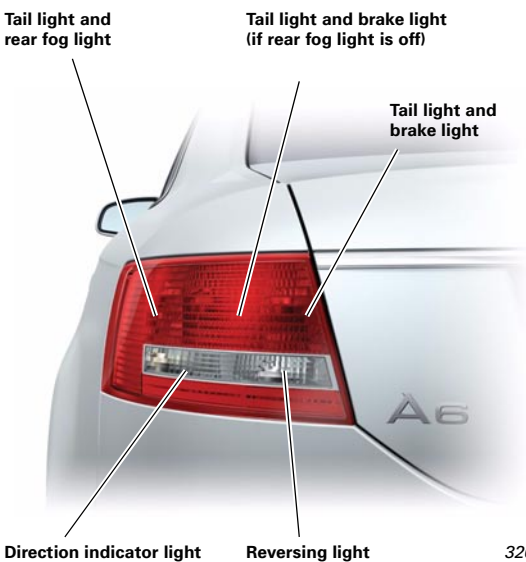
- Basic variant ECE
- High variant ECE
- High variant SAE

Basic variant ECE

The tail light in the basic variant only uses lamps with a 15-mm bayonet socket for the lights. There are three sections for tail light activation. To ensure that the different-sized sections look from the outside to be equally illuminated, the central control unit for the convenience system J393 activates each lamp with a different dimming ratio.

The two inner lamps in each back light are also used as the brake light.

The outer lamp functions as the "rear fog light". If the rear fog light is on, only the inner lamp is active as the brake light.



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High variant ECE

These back lights are installed if bi-xenon headlights at least are fitted as the front headlights. The external feature of the High back lights is the use of LEDs for the brake light. The LEDs, which are fixed in the reflector housing, are activated by two contacts from the lamp bracket.

The rear fog light is located at the bottom of the back light. Here, the lamp on the driver's side is used as the rear fog light, while the lamp on the passenger's side serves as the reversing light. This means that the same lamp bracket can be used for both the High back light and the Basic back light.



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High variant SAE

The back lights for the North American market have standard LED units. The LED units are used for the indicator and brake light function. The three sections underneath are for the tail light lamps. The SAE back lights have two rear fog lights and two reversing lights.



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LED unit diagnosis

The failure of an LED is detected by the electronics in the lamp housing. All LEDs are then switched off so that the central control unit for the convenience system J393 can set the relevant fault memory entry.