



Mercedes Benz A-Class (Type W 168) With engine 166.960, 166.990, 668.940

Fluctuations in headlight brightness.

If there are complaints with these vehicles that the brightness of the headlights fluctuates immediately after starting the engine, one possible cause is the regulation of the charging current. From June 2006 these vehicles have been equipped with a multi-function regulator which controls the excitation of the alternator. After the engine has started, the excitation voltage is gradually increased after a delay time (petrol engine 20 s, diesel engine 10 s) until, after around 30 seconds, the full excitation voltage is reached. During this time, the brightness of the headlights may fluctuate. This process is not a defect but serves to make idling smooth immediately after the engine has been started, without the load of the alternator.

In the event of a complaint, please point out this function to the customer.

Bulletin