

Wiring diagram of city driving lamp

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|-------|--|------|---|
| F1 | Fuse and relay box | S4x1 | Plug connection, combination switch |
| N35/1 | City driving lamp control unit GB | W1 | Main ground (behind instrument cluster) |
| S1 | Exterior lamp switch | a | To headlamp units, low beam |
| S4 | Combination switch | | |

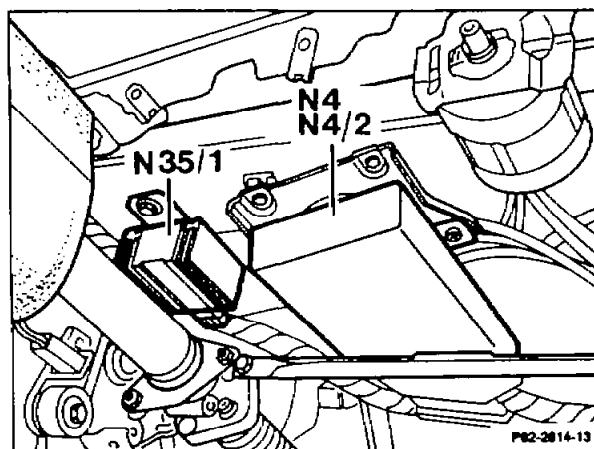
Note

If a low beam bulb fails when using the city driving lamp, this is indicated by the bulb failure indicator lamp in the instrument cluster lighting up weakly (glowing). When low beam is selected, the indicator lamp then lights up with full intensity.

A. Testing voltage at Input of city driving lamp control unit (GB) (N35/1)

Cover below instrument panel remove (68-150).

Connector at city driving lamp control unit (GB) (N35/1) unplug.



Multimeter connect. Positive to contact 2 (terminal 15), negative to contact 3. Ignition starter switch in key position 2. Specification: battery voltage.

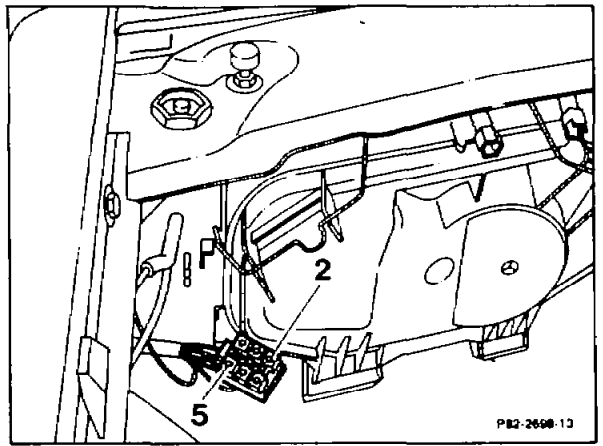
If specification is not achieved test wiring for open circuit on basis of wiring diagram; rectify any open circuit.

If specification is achieved plug in connector at city driving lamp control unit (GB) (N35/1) and continue with test step B.

B. Testing voltage at left-hand headlamp

Coupling at left-hand headlamp unplug.

Multimeter connect. Positive to 5 (terminal 56b), negative to contact 2. Exterior lamp switch (S1) in position 1. Specification: approx. 5 volts.



<p>If specification is not achieved</p> <p>Wiring</p> <p>Coupling at left-hand headlamp</p> <p>Cover below instrument panel</p>	<p>test wiring for open circuit on basis of wiring diagram; rectify an open circuit.</p> <p>in order; replace city driving lamp control unit (GB) (N35/1).</p> <p>plug in.</p> <p>install (68-150).</p>
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Special tool



Commercially available tester

Multimeter

e.g. Sun DMM-5
or Avometer 2003