

Your Vehicle: 2006 Mercedes Benz CLS 55 AMG (219.376) V8-5.5L SC (113.990)



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Level Is Above Applicable Threshold

G3/6 (Right O2 Sensor, After TWC [KAT]) :: Level is Above Applicable Threshold

Check Component G3/6 (Right O2 Sensor, After TWC [KAT]). (Only (USA), EURO 3, EURO 4, D4)

Test **Check Component G3/6 (Right O2 Sensor, After TWC [KAT]) Using Actual Value.**

Test **Test Current Consumption of Heating of Component G3/6 (Right O2 Sensor, After TWC [KAT]).**

1 Check Component G3/6 (Right O2 Sensor, After TWC [KAT]) Using Actual Value.

Test requirement

- 80 °C 2500 1/min At coolant temperature , start engine and maintain engine speed of ca. for about 2minutes.

Status of the relevant actual values:

- G3/6 (Right O2 sensor, after TWC [KAT]), Signal: **Note!** Communication with ECU required
- Exhaust temperature with TWC model: **Note!** Communication with ECU required

Specified value

- Range must drop below or rise above range 450 to 500 1 times within a minute.(Engine at idle speed)
- Exhaust temperature with TWC model: >350 °C
- O2 sensor heater, after TWC:ON

Question

- Are the actual values o.k.? Yes

The actual values are okay. ** End of Test **

No

The actual values are not okay.

Possible cause and remedy

- Test of current consumption of O2 sensor heater of component G3/6 (Right O2 sensor, after TWC [KAT])
- Signal cable of component G3/6 (Right O2 sensor, after TWC [KAT])
- G3/6 (Right O2 sensor, after TWC [KAT])

** End of Test **

2 Test Current Consumption of Heating of Component G3/6 (Right O2 Sensor, After TWC [KAT]).

Warning!

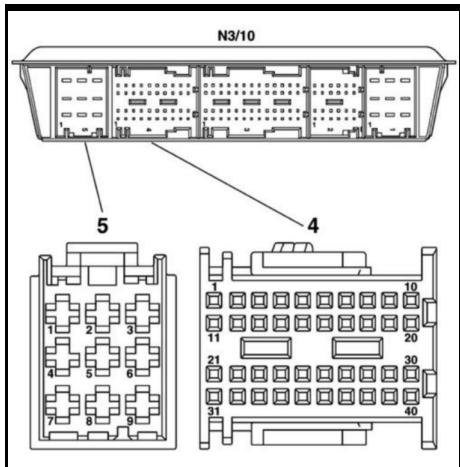
Risk of injury from rotating parts!

- Severe injuries from limbs being jammed or squashed may result from rotating parts and in extreme cases the limbs may be

sheared off.

Rules of conduct and protective measures

- Do not insert your hand into rotating parts.
- Wear closed and close-fitting work clothes.



Test requirement

- The actual value is not o.k.

Test sequence

- Switch off ignition.
- Unplug the socket 5 at component N3/10 (ME-SFI control module).
- (N3/10) 5.7 <--> 5.4 (N3/10)
- Switch on ignition.

Warning! Perform the measurement only for a short time so that component G3/6 (Right O2 sensor, after TWC [KAT]) does not overheat.

Specified value

- Amperage[0.5...2.0] A

Question

- Is the measured value okay? Yes

The measured value is o.k.

Further possible causes of fault

- Signal cable of component G3/6 (Right O2 sensor, after TWC [KAT])
- G3/6 (Right O2 sensor, after TWC [KAT])

No

The measured value is not o.k.

Possible cause and remedy

- N10/1f43 (Fuse 43)
- N10/1kl (Circuit 87 relay, engine)
- Cable of O2 sensor heater of component G3/6 (Right O2 sensor, after TWC [KAT])
- G3/6 (Right O2 sensor, after TWC [KAT])

** End of Test **