

**Complaint - Check Engine Error Message Together With Fault Memory Entry "Oxygen Sensor Downstream of Catalytic Converter - Signal Too Slow from Lean to Rich" (03/21)**

Vehicle Type: **Cayenne S (9YA/9YB)**

Model Year: **As of 2020 up to 2021**

Emissions Concept: **LEV3/TIER3 (I-no. 7CE)**

Concerns: **Oxygen sensor downstream of catalytic converter**

Information: **Because the oxygen sensor diagnosis is too sensitive, the engine electronics (DME) control unit activates the Check Engine warning light in the instrument cluster. In the event of a fault, the following fault memory entries are stored:**

- P013B00 - Oxygen sensor downstream of catalytic converter, bank 1 - signal too slow from lean to rich (005C35)
- P013D00 - Oxygen sensor downstream of catalytic converter, bank 2 - signal too slow from lean to rich (005C3B)

**The following conditions can cause the fault to occur:**

- Low engine speed (1,200 - 1,500 rpm)
- Calculated engine load at 25 - 35%
- Engine is at operating temperature/is close to operating temperature (50 - 100 °C)
- Low vehicle mileage (0 - 1000 km/621 mls)

Action required: If no other fault memory entries are stored in the engine electronics (DME) control unit, proceed as follows:

- Create Vehicle Analysis Log (VAL).
- Delete fault memory entries

End of remedial action.

No further action is possible at this point in time. Replacing the catalytic converter or oxygen sensor will not work.



**Information**

The topic is currently the subject of further analysis. As soon as a permanent remedial action is available, this Technical Information will be updated accordingly.

**Invoicing**

Invoicing: For documentation and warranty invoicing, enter the labor operations and PQIS coding specified below in the warranty claim:

APOS	Labor operation	I No.
03350000	On-board diagnosis	
03350053	On-board diagnosis	

PQIS coding:

<b>Location (FES5)</b>	24730	Oxygen sensor downstream of catalytic converter
<b>Damage type (SA4)</b>	1614	Function not as specified

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