3rd Party NOx Sensor Identification

Internal Content

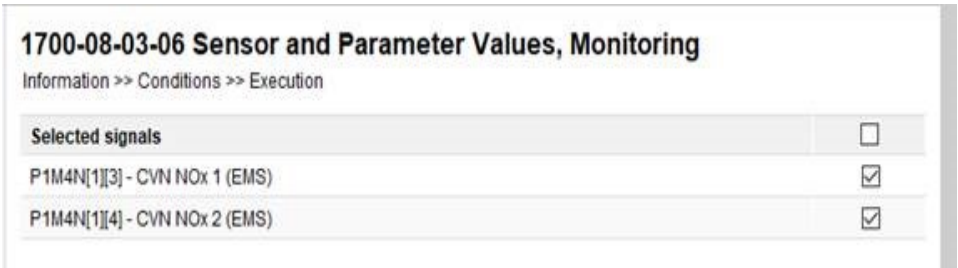
If one or more of the codes below are present it is recommended to inspect for 3rd party NOx sensors.
P103C-00
P207F-00
P026D-00

3rd party NOx sensors have been found to induce erroneous faults and cause various system failures. If 3rd party NOx sensors are found they should be removed and replaced with a genuine OEM sensor. Clear faults and verify the repair.

Use the below information to identify 3rd party NOx sensors.

How To Verify An OEM Sensor

For Trucks MY 2017 and newer products run **Premium Tech Tool Test 1700-08-03-06 Sensor and Parameter Values.** All genuine OEM NOx sensors will display the expected values as seen below. All other values are components from a 3rd party.



Expected Values	
NOx1	NOx2
79123237	541003308

Live UI **to the illustrations below to help identify 3rd party NOx sensor.**

OEM sensor with markings and part number for reference

3rd party NOx Sensor in bag

Live UI

3rd party sensors with and with out markings

OEM sensor tip design for reference	3rd party sensor with incorrect sensor tip

Live UI

The table below illustrates how difficult it can be to identify 3rd party sensors when compared to an OEM sensor

Sticker says “Warranty void”	No such sticker
Marking text: “PreSCR”	Marking text: “Pre SCR”
Marking text: “CONTINENT AL”	Marking text: “CONTINENTAL”
Marking text font: different from Volvo part	
Conclusion: The sensor on the left is not a Genuine Volvo NOx Sensor	

Live UI

Tags

3rd party nox sensor p103c p207f p026d

Related links and attachments

No links or attachments available

Feedback

Give feedback

to help improve the content of this article

Live UI