



USE FOR NEW VEHICLES (US21+OBD22 Emissions) - Intermittent Diagnostic Trouble Codes U02A3, U029D, U029E



Vehicles manufactured with US21+OBD22 emissions, most often 2023 model year, may set the following Diagnostic Trouble Codes:

- U02A300 – PM sensor missing signal
- U029D00 – NOx Inlet (NOx1) sensor missing signal
- U029E00 – NOx Outlet (NOx2) sensor missing signal

This has been determined to be a software error in the timing of component initialization at startup and occurs if the vehicle is started immediately after Key On.

If these three codes above are coming active under the conditions described above on an applicable vehicle:

Engine ECU (EMS) Software to correct this issue has been released as of August 2022. Refer to CBR-2201 for more information.

Tags

[u02a300](#)

[u029d00](#)

[u029e00](#)

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Categories

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Make and Model > Volvo > VNR

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Make and Model > Volvo > VHD

Emission Standard > US21 > US21+OBD22

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