

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:

- 1. Perform a DTC clear using Premium Tech Tool (PTT) to clear inducement conditions.
- 2. Under the Test tab in PTT, run operation 2589-08-03-05 SCR Dosing **System Test** to clear any existing derate conditions.
- **3.** Inform the customer that to prevent these codes from setting, when starting the vehicle they should:
 - **3.1.** Turn the ignition to Key On.
 - **3.2.** Wait five seconds.
 - **3.3.** Start the vehicle as normal.

A software update will be released mid to late 2022 to remedy this issue. This solution will be updated when more information is available.



u02a300 u029d00 u029e00 volvo mack

Related links and attachments

No links or attachments available



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