

P3811

Fault code description

NOx sensor after catalyst - Data valid but too low

Possible cause

1. Incorrect DEF quality.
2. Leaking exhaust system or SCR catalyst.
3. Faulty DEF dosing module.
4. Faulty NOx after catalyst sensor.
5. Defective SCR catalyst.

Additional information

This fault code is not used and therefore will not be set.

The EAS-3 unit performs a check on the amount of NOx after the catalyst. This is called the NOx monitor. The NOx monitor only runs when the engine and the EAS-3 system are running under certain conditions. This fault will change to active if the NOx monitor fails.

Perform the 'DEF pump module override test' with DAVIE to check the DEF dosing system for correct operation.

Set condition of fault code

This diagnostic runs when the NOx monitor is running.

The EAS-3 ECU detects that the NOx levels after the SCR catalyst are lower than expected.

Reset condition of fault code

This fault code will change to inactive immediately after the diagnostic runs and passes.

M027941 - 07/23/2015 02:20:11

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P3811, Diagnostic information

Technical data

["Sensor, NOx after catalyst \(F843\)"](#)

Location of component(s)

["Location information, EAS-3"](#)

Electrical diagram(s)

Refer to the OEM service manual for more information.

Description of component(s)

["Sensor, NOx after catalyst \(F843\)"](#)

Block diagram

["Block diagram EAS-3"](#)

M046758 - 07/22/2015 19:04:46

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