



<b>DTC (Code)</b> U029D-00 <b>Codigo:</b>	<b>Bulletin:</b> RD18-002 <b>Date Fecha:</b> July 16, 2018
<b>Description:</b> Lost Communication With NOx Sensor "A"	
<b>Application:</b> US13 – US20 Emissions	

**General Information**

These repair instructions are intended to address the following fault(s):

DTC	Description	Possible Cause	Possible (Observable) Symptoms
U029D-00	Lost Communication With NOx Sensor "A"	<ul style="list-style-type: none"> <li>• Blown fuse</li> <li>• Supply wire, 12V</li> <li>• Open circuit on ground wire</li> <li>• J1939 CAN2 datalink fault</li> <li>• Faulty or missing terminating resistor in the DPF wiring harness</li> <li>• Faulty termination resistance in the ECM (EMS)</li> <li>• NOx sensor</li> </ul>	Possible engine de-rate

**Required Parts**

Part Number	Description	Quantity
N/A	N/A	N/A

**Repair Instructions**

1. Visually check that wiring harness is not damaged
2. Check that the connectors are properly connected and locked into position
3. Disconnect and check the component connector
4. Inspect pins and terminals for oxidation or corrosion
5. Ensure that the pins and terminals are locked into the connectors and that they are not pushed back out of the sockets
6. Check that the pins and terminal are not damaged (which can cause poor connection)

**Additional Resources**

These repairs are the most likely fix for the identified fault, if this does not fix the issue, Tech Tool will need to be used for more detailed diagnostics. See Guided Diagnostics fault tracing for U029D-00. If filing a warranty claim, please include the ASIST case number.