



SI B16 02 18  
Fuel Supply Systems

February 2018  
Technical Service

## SERVICE ACTION: REPLACE THE TEMPERATURE SENSOR FOR THE TANK LEAK DIAGNOSIS MODULE (NVLD)

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

### MODEL

G01 (X3)	G30 (5 Series)		
----------	----------------	--	--

### AFFECTED VEHICLES

This Service Action involves G01 and G30 vehicles produced from March 9, 2016 to October 20, 2017.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

### SITUATION

The Service Engine Soon light is illuminated.

### CAUSE

Software calibration error in the temperature sensor for the NVLD.

### CORRECTION

Replace the temperature sensor for the NVLD.

### PROCEDURE

Follow Repair Instruction **16 13 522 Removing and installing the temperature sensor for Natural Vacuum Leak Detection (NVLD)**.

### PARTS INFORMATION

Part Number	Description	Quantity
16 13 8 485 646	Temp sensor, leak diagnosis module	1
51 71 7 430 971	Sealing cap seal (G30)	1
16 13 1 176 747	Plastic nut	5
51 71 7 342 691	Sealing cap seal (G01)	1

### WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>0016280200</b>	
---------------------	-------------------	--

**Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 65 917	3 FRU	Replace the temperature sensor for the diagnostic module for tank leaks (Plus work)

Or:

**Completion after vehicle delivery to the customer**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 65 254	5 FRU	Replace the temperature sensor for the diagnostic module for tank leaks (Main work)

[ Copyright ©2018 BMW of North America, Inc. ]