



SIB 16 03 22

2022-10-12

## FUEL FOUND IN NVLD, CHARCOAL CANISTER AND TANK VENTILATION VALVE

### MODEL

F97 (X3 M Sports Activity Vehicle)	F98 (X4 M Sports Activity Coupe)	G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe)
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Up to 03/10/21 production

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### SITUATION

The Check Engine Light is on (MIL). After checking faults and diagnosis there is raw fuel found in the charcoal canister and the NVLD pressure switch (in R/R wheel well).

Possible faults stored in the DME:

- 190F08 - Fuel tank venting system: Malfunction
- 191C02 - Fuel tank venting system,2. discharge point: Malfunction

### CAUSE

The vent line inside the fuel tank is disconnected.

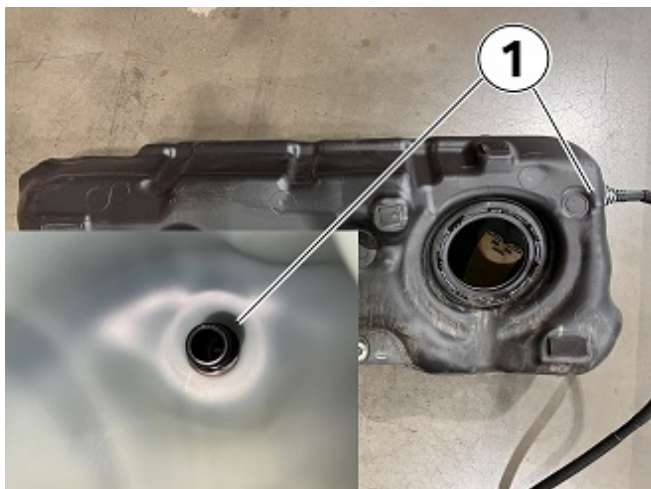
### CORRECTION

Check and reattach the vent line inside the fuel tank.

**NOTE:** Replace any component in the EVAP system that was soaked in fuel (DMTL, charcoal canister, tank vent valve)

### PROCEDURE

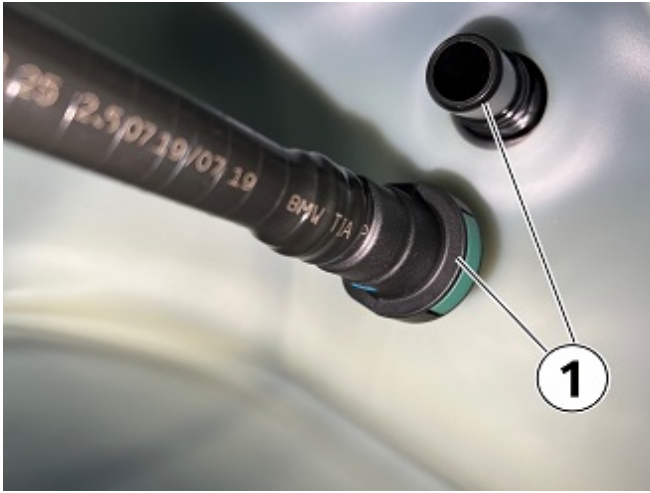
Remove the fuel delivery unit to inspect the fuel vent line connection following Repair Instruction **16 14 090 Removing and installing/replacing delivery unit (without fuel extraction and filling)**



The port in the tank is located at the vent line for the filler neck (1)

Attach the vent line to the port and ensure the line “locks” into place.

**NOTE:** The vent line may be turned and resting on the saddle of the tank (vent line is still in the parking (assembly) position).



Reinstall the fuel delivery unit.

**PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which considers specific equipment and/or options.

Part Number	Description	Quantity
16 11 7 216 523	O-ring	1

**CLAIM INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, including any emission coverage that applies.

<b>Defect Code:</b>	<b>1613004800</b>	<b>Vent line / connections (fuel tank to carbon cannister AKF) Leaking</b>
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Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And, as necessary:		
61 00 006*	Performing vehicle diagnosis – test module (Work time)	(WT)
Or		
00 58 500*	Diagnosis Worktime Flat Rate (See below)	2 FRU
And:		
16 00 610 to 680	Extracting and topping up fuel in fuel tank (in 10-liter increments) (Plus work)	Refer to AIR
And:		
16 14 610	Remove and install/replace fuel pump(s)	Refer to AIR
And:		
16 99 000	Attach internal vent line to external vent line on fuel tank	2 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

Work time labor operation codes 61 00 006, 00 58 500 and 16 99 000 are not considered a Main labor operations.

\*Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

### Consequential Repair

When additional work and/or parts are required as a direct result of the issue described in this Service Information bulletin, claim these items under the under the defect code listed above together with the corresponding labor operations (including the diagnosis that applies) listed in AIR if applicable.

Please explain the reason for this consequential repair work (the why and the what) on the repair order and in the claim comments section.

### FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topics of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department