



This Service Information bulletin supersedes SI B16 15 14 **dated October 2014.**

NEW designates changes to this revision

SUBJECT

NEW NVLD Tank Leakage FC 190302 Fuel Tank Ventilation and Purge Air System Micro Leak

MODEL

NEW F01 (7 Series Sedan)

NEW F02 (7 Series Sedan)

NEW F06 (6 Series Gran Coupe)

NEW F07 (5 Series Gran Turismo)

NEW F10 (5 Series Sedan)

NEW F12 (6 Series Convertible)

NEW F13 (6 Series Coupe)

NEW F15 (X5)

NEW F16 (X6)

NEW F22 (2 Series Coupe)

NEW F25 (X3)

NEW F30 (3 Series Sedan)

NEW F31 (3 Series Sports Wagon)

NEW F32 (4 Series Coupe)

NEW F33 (4 Series Convertible)

NEW F34 (3 Series Gran Turismo)

NEW F36 (4 Series Gran Coupe)

NEW F80 (M3 Sedan)

NEW F82 (M4 Coupe)

NEW F83 (M4 Convertible)

NEW Produced to 5/2014

NEW SITUATION

The engine malfunction warning is illuminated and the following fault code is stored in the DME memory:

- FC 190302 Fuel tank ventilation and purge air system micro leak leakage greater than 0_5 mm

NEW CAUSE

Contamination of the NVLD pressure switch electrical contacts

NEW PROCEDURE

1. Remove and inspect the part number on the NVLD pressure switch per Repair Instruction 16 13 521, “Removing and installing/replacing pressure switch for Natural Vacuum Leak Detection (NVLD).”
2. Inspect the part number of the NVLD pressure switch. If the pressure switch is not one of the following, replace the pressure switch with one of the part numbers listed below.

Part Number	Model
16 13 7 333 301	F07, F10, F12 , F13, F15, F16, F06, F01, F02, F25
16 13 7 333 302	F22, F30, F31, F32, F33, F34, F36, F80, F82, F83

Note: The current version of ETK for F06, F07, F10, F12 and F13 models does not show the correct supersession from the current pressure switch P/N 16 13 7 274 147 to the new pressure switch P/N 16 13 7 333 301.

Do not use P/N 16 13 7 274 147 for this complaint.

3. If the vehicle has the correct pressure switch listed above, the vehicle may have a leakage in the system. Perform all diagnostic checks that are recommended by the applicable test plans for the faults stored.

NEW WARRANTY INFORMATION

Covered under the terms of the BMW New Car/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Defect Code:	16 13 11 12 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)
And:		
16 13 521	Refer to KSD	Removing and installing/replacing pressure sensor/switch for leak diagnosis module (NVLD). After vehicle diagnosis.

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Other Repairs

If performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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