



SI B16 06 15
Fuel Supply Systems

August 2015
Technical Service

SUBJECT

Deformation of the Fuel Tank

MODEL

F25 (X3)

With the N47T engine

SITUATION

The vehicle loses power while driving. There may also be a complaint of difficulty refilling the tank.

CAUSE

There is inadequate venting of the fuel tank.

This results in a lack of pressure compensation (vacuum) in the fuel tank as the level drops which causes the tank to collapse.

PROCEDURE

Check the fuel tank for deformation. If the tank shows signs of collapsing, replace the fuel tank, low pressure fuel pump with level sensor, and the filler neck.

Refer to Repair Instruction RA 16 11 030 Removing and installing/replacing fuel tank (diesel) and RA 16 11 060 Removing and installing or replacing fuel filler pipe (diesel).

PARTS INFORMATION

Part Number	Description	Quantity
16 11 7 220 745	Fuel tank	1
16 11 7 216 530	Filler neck	1
16 11 7 314 808	Pump assembly with level sensor	1
07 12 9 952 119	Hose clamp	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	16 13 00 76 00	
Labor Operation:	Labor Allowance:	Description:
16 11 031	Refer to KSD2	

		Replacing fuel tank (Including the pump assembly/level sensor and filler neck)
And, as necessary:		
See KSD2 Main Group "16"	Refer to KSD2	Extracting fuel from the fuel tank and filling (Select the applicable Plus work labor operation (16 00 610 to 16 00 680) that applies to the amount of fuel extracted/returned – 10 liter increments)
And, as necessary		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking, clearing mis-fire faults and any other related faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery")

If you are using a Main labor code for another repair, use the Plus code labor operation 11 16 535 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Note: KSD2 has an incorrect reference to a "N47N" engine; the correct engine variant is the "N47T."

Overlapping Labor – Other Repairs

If invoicing KSD2 flat rate labor operation codes for other repair work results in overlapping labor, invoice work time labor operation 00 50 000 for the additional time (FRU) minus the overlap instead.

Work time labor operation code 00 50 000 is not considered a Main labor operation.

Eligible other repair work that will be claimed under a difference defect code requires separate punch times.

On the repair order and in the claim comment section, please identify the labor operations that labor operation code 00 50 000 replaces and itemize the claimed FRU amount.

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