

SB-10016620-2147

SI B16 01 05
Fuel Supply Systems

May 2012
Technical Service

This Service Information bulletin supersedes SI B16 01 05 **dated January 2008**.

NEW designates changes to this revision

SUBJECT

Buzzing, Humming or Growling Noises Coming from Inside the Fuel Tank

MODEL

E46 (3 Series) with the M56 engine from start of production to the present (SULEV vehicles only)

SITUATION

The customer complains that the vehicle exhibits a buzzing, humming or growling noise coming from the rear of the vehicle. Normally, the noise can be heard mainly when stopped in traffic or during the first start-up in the morning. The noise can also be heard at times while driving under a light load.

When diagnosed, the noise appears to be coming from the inside of the fuel tank and, in most cases, can only be duplicated when the fuel tank is at least half full.

CAUSE

The internal fuel tank pressure limiting valve tolerance is too narrow.

PROCEDURE

Replace the fuel tank in accordance with Repair Instruction RA 16 11 030.

Refer to [SI B16 01 04](#) for fuel tank disposal procedures.

NEW PARTS INFORMATION

Part Number	Description	Quantity
16 11 6 763 569	SULEV Fuel Tank, metal with filler pipe	1

NEW WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty, and as applicable, any Federal, State or BMW Emissions Warranty or the BMW Certified Pre-Owned Limited Warranty (only applies to BMW vehicles that are still within the BMW CPO coverage period but beyond the BMW New Vehicle/SAV Limited Warranty or Emissions Warranty coverage that applies to the specific repair).

Please see SI B01 02 11 for “Emissions Warranty Coverage” and refer to the “Glossary of Emission Coverage” attachment for more information.

Defect Code	16 14 04 39 00	
Labor Operation:	Labor Allowance:	Description:
16 11 031	Refer to KSD2	Replacing fuel tank

Labor operation code 16 11 031 is a Main labor operation. If you are using a Main labor code for another repair; use the Plus code labor operation 16 11 535 instead.

[Copyright © 2012 BMW of North America, LLC]