SI B11 05 14
Engine

April 2014
Technical Service

SUBJECT
S63TU Engine: Noises from Leaking Exhaust Manifold

MODEL
F10 (M5 Sedan)

Produced to 5/14/2012

F12 (M6 Convertible)

Produced to 5/14/2012
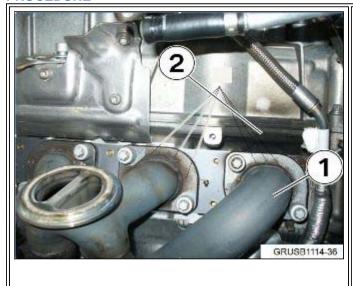
F13 (M6 Coupe)

Produced to 5/14/2012

SITUATION
A rattling, knocking, clattering or hissing noise can be heard from the engine compartment while the engine is running. It is more pronounced when the engine is under load.

CAUSE
The exhaust manifold attaching screws have come loose, causing an exhaust leak.

PROCEDURE

GRUSB1114-36

1. Inspect the sealing area where the exhaust manifold (1) contacts the cylinder head. If exhaust gas is leaking, a blackened area will be seen on the cylinder head surface (2).

    Note: In the photo, the engine is partially disassembled for clarity.

2. If found to be leaking, replace both exhaust manifold to cylinder head gaskets as per Repair Instruction 18 14 10, "Removing and installing/renewing left exhaust manifold (S63T 0)" and Repair Instruction 18 14 20, "Removing and installing/renewing right exhaust manifold (S63T 0)."

PARTS INFORMATION

Part Number	Description	Quantity

| 11 62 7 589 106 | Gasket | 2 |

Refer to ETK and the repair instructions for the one-time use fastener and component information regarding additional screws, gaskets, seals and hose clamps.

WARRANTY INFORMATION
Covered under the terms of the BMW New Vehicle/SAV Limited Warranty

Defect Code:	11 62 00 48 00	
Labor Operation:	Labor Allowance:	Description:
18 40 030	Refer to KSD2	Removing and installing or replacing both exhaust manifolds

Labor operation code 18 40 030 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 18 40 530 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.