

## SB-10053585-4634



SI B17 02 09  
Cooling Systems

September 2013  
Technical Service

This Service Information bulletin supersedes SI B17 02 09 **dated November 2009**.

**NEW** designates changes to this revision

#### SUBJECT

### Oil Leak from Turbocharger Charge Air Hose

#### MODEL

E70, E90 with M57Y diesel engine

#### SITUATION

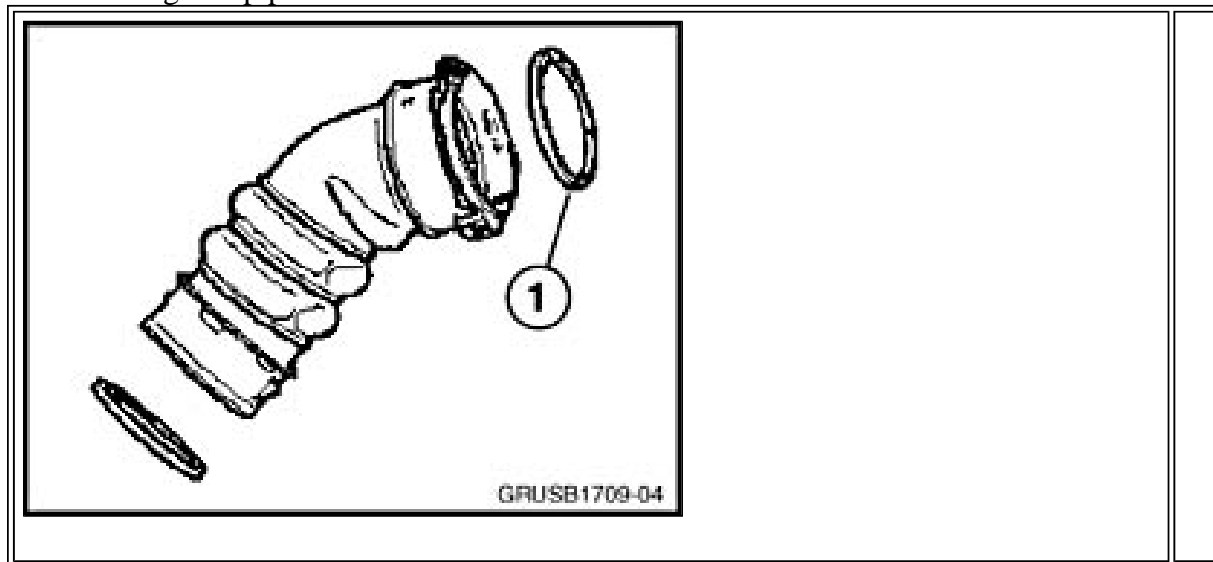
The customer may complain of an oil leak from the engine area. The "Service Engine Soon" lamp may also be illuminated with fault code "4674 - FMO injection quantities-observer" stored.

#### CAUSE

The molded seal in the charge air pipe may have been cut by debris abrasions, causing an external leak of air and oil in the charged air system of the turbocharger. An improved seal has been developed to correct this issue.

#### PROCEDURE

Remove the charge air pipe that connects the turbocharger to the intercooler. Thoroughly clean all mating surfaces and the charge air pipe.



#### PARTS INFORMATION

Part Number	Description	Quantity
11 61 8 506 786	Preformed seal	1

#### **NEW** WARRANTY INFORMATION

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

Defect Code	17 51 02 48 00
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**“Service Engine Soon” lamp is not illuminated**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description</b>
11 61 360	Refer to KSD	Removing and installing or replacing pressure pipe

Labor operation code 11 61 360 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 11 61 755 instead.

or

**“Service Engine Soon” lamp is illuminated**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
and if necessary, also		
61 21 528	Refer to KSD2	Charging battery
and		
11 61 755	Refer to KSD2	Removing and installing or replacing pressure pipe

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.

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