



Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

SERVICE ACTION: N63T ENGINE - CHECK AND REPLACE THE CRANKCASE VENTILATION HOSES

This Service Information bulletin replaces SI B11 12 16 **dated April 2017**.

What's New (Specific text highlighted):

- Cause section updated
- Parts section updated

MODEL

F01 (7 Series Sedan incl. BMW ALPINA B7)	F02 (7 Series Sedan LWB incl. BMW ALPINA B7)	F06 (6 Series Gran Coupe incl. BMW ALPINA B6)	F07 (5 Series Gran Turismo)
F10 (5 Series Sedan)	F12 (6 Series Convertible)	F13 (6 Series Coupe)	

AFFECTED VEHICLES

This Service Action involves F01, F02, F06, F07, F10, F12, F13, F01 B7, F02 B7, and F06 B6 vehicles produced from March, 2012 to August, 2014.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

SITUATION

The crankcase ventilation hoses may become brittle and break when they come in contact with hot engine components.

CAUSE

One or more of the crankcase ventilation hoses are not FPM (fluoroelastomer) rubber material. The FPM rubber material is engine heat resistant.

Or

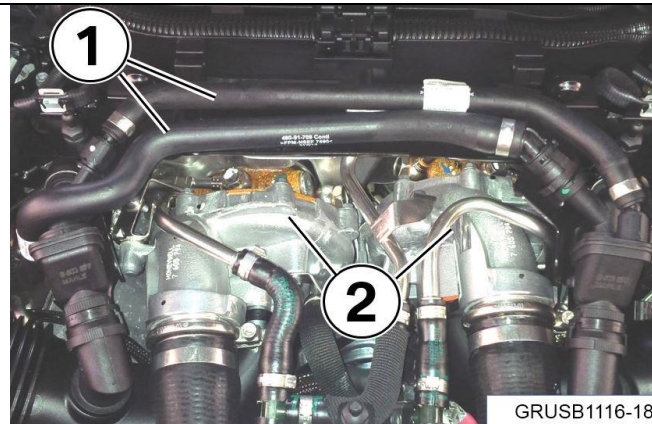
The plastic corrugated hoses are not fitted with the self-locking spacers. The self-locking spacers maintain an air gap between the hoses and the hot engine components.

CORRECTION

Inspect and if necessary replace the crankcase ventilation hoses.

PROCEDURE

1. Remove the acoustic engine cover as per repair instruction 11 00 ... "Removing and Installing Acoustic Cover".

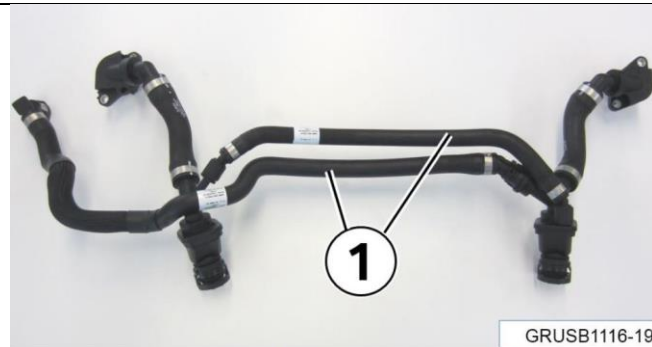


Hose inspection area with acoustic cover removed.

Crankcase ventilation hoses (1).

FPM rubber material hoses are shown.

Turbochargers (2).

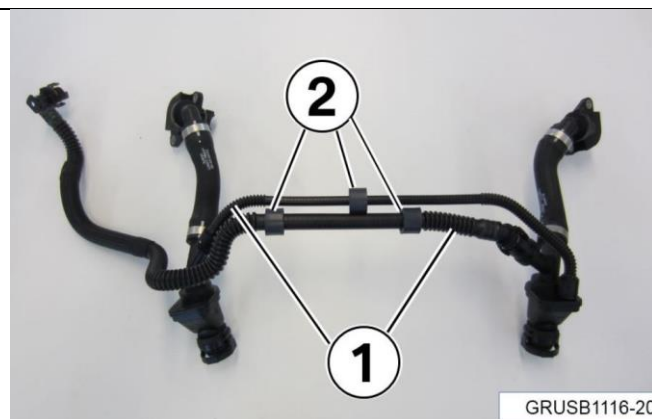


2. Inspect the crankcase ventilation hoses. If the hoses are constructed of the FPM material (1) then take no further action and reassemble the vehicle.

The FPM material will appear to be a smooth rubber hose material.

For clarity the hoses are pictured removed from the engine. Do not remove the hoses to make the inspection.

Or

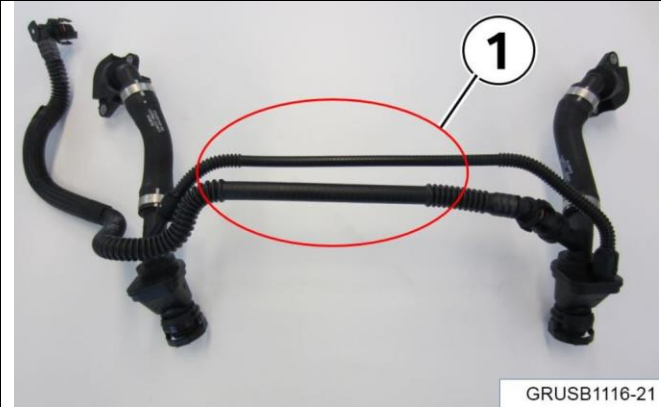
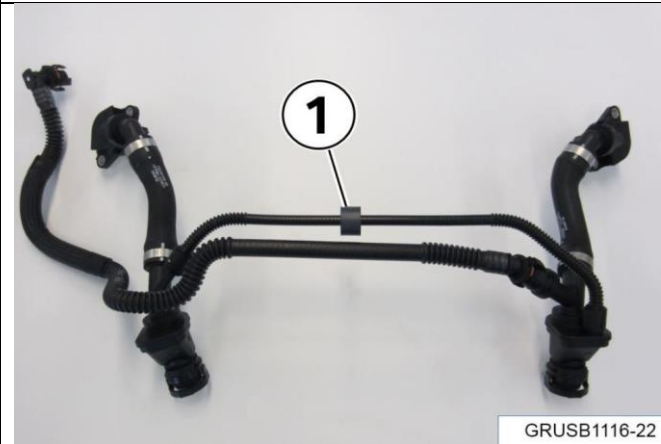
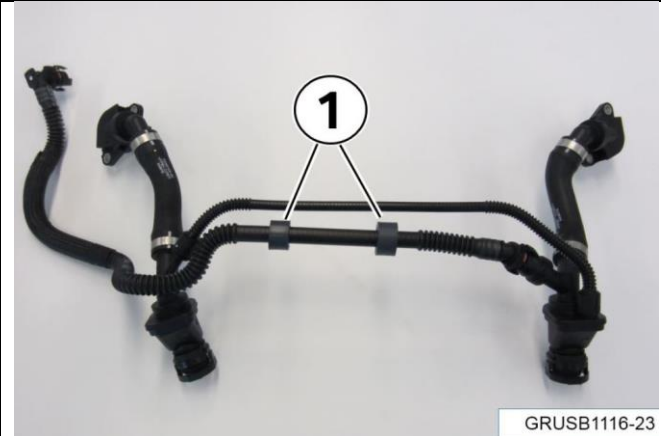


If the crankcase ventilation hoses are constructed of a plastic corrugated material (1) then the pipes must have all three of the self-locking spacers (2).

If these hoses have all three self-locking spacers (2) then take no further action and reassemble the vehicle.

For clarity the hoses are pictured removed from the engine. Do not remove the hoses to make the inspection.

Or

 <p>GRUSB1116-21</p>	<p>If the crankcase ventilation hoses are constructed of a plastic corrugated material (1) and the hoses do not have any of the self-locking spacers.</p> <p>Replace both hoses.</p> <p>For clarity the hoses are pictured removed from the engine. Do not remove the hoses to make the inspection.</p>
	Or
 <p>GRUSB1116-22</p>	<p>If the crankcase ventilation hoses are constructed of a plastic corrugated material and any of the three self-locking spacers (1) are missing from the ventilation hoses.</p> <p>Only one self-locking spacer is present (1).</p> <p>Replace both hoses.</p> <p>For clarity the hoses are pictured removed from the engine. Do not remove the hoses to make the inspection.</p>
	Or
 <p>GRUSB1116-23</p>	<p>If the crankcase ventilation hoses are constructed of a plastic corrugated material and any of the three self-locking spacers (1) are missing from the ventilation hoses.</p> <p>Only two self-locking spacers are present (1).</p> <p>Replace both hoses.</p> <p>For clarity the hoses are pictured removed from the engine. Do not remove the hoses to make the inspection.</p>

PARTS INFORMATION

Please monitor DCS messages for the parts ordering procedure.

Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part numbers will result with the wrong parts being invoiced and installed.

Part Number	Description	Quantity
11 15 8 681 475	Connection hose	1
11 15 8 681 484	Ventilation hose	1

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0011080400	
Labor Operation:	Labor Allowance:	Description:
00 63 985	Refer to AIR	Checking the crankcase ventilation hoses (No repair is necessary) (Plus work)
Or:		
00 63 988	Refer to AIR	Checking and replacing the crankcase ventilation hoses. (Plus work)

And, if necessary:

Consequential Additional Repair(s)

When additional work and/or parts are required as a “direct result of and/or in conjunction with” replacing these crankcase ventilation hoses, claim these items under the defect code listed above together the corresponding labor operations listed in **AIR** as applicable and as necessary.