



SI B11 04 19
Engine

April 2019
Technical Service

SERVICE ACTION: N63M ENGINES - CHECK AND REPLACE THE FRESH AIR INTAKE DUCT

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.

MODEL

G05 (X5)

G07 (X7)

AFFECTED VEHICLES

This Service Action involves G05 and G07 vehicles produced from June 2018 to March 2019.

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 incorrect crankcase ventilation non return valves may have been installed in the vehicle. The engine malfunction indicator may be illuminated with FC 160509 pressure sensor, crankcase, signal: pressure implausible stored in the DME.

CORRECTION

Inspect and replace the fresh air intake duct.

PROCEDURE

Refer to the attached procedure for checking and replacing the fresh air intake duct.

PARTS INFORMATION

Only as required based on the inspection procedure (one or both).

Part Number	Description	Quantity
13 71 8 672 516	Fresh air intake duct (cylinder 1-4)	1
13 71 8 672 517	Fresh air intake duct (cylinder 5-8)	1

WARRANTY INFORMATION

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

Defect Code:	0013050300	
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No Repair is Necessary

Labor Operation:	Labor Allowance:	Description:
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00 67 860	3 FRU	Checking both fresh air intake ducts (No repair is necessary) (Plus work)
Or:		
00 67 863	1 FRU	Vehicle was already taken care of through another repair or Technical Campaign (Plus work)

Or:

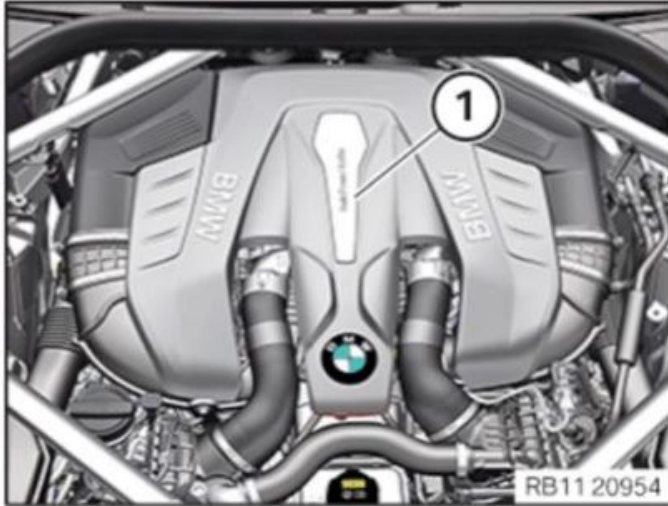
Replacing One or Both Fresh Air Intake Ducts

Labor Operation:	Labor Allowance:	Description:
00 67 861	4 FRU	Checking both fresh air intake ducts and replacing one fresh air intake duct (Plus work)
Or:		
00 67 862	6 FRU	Checking both fresh air intake ducts and replacing both fresh air intake ducts (Plus work)
And, when necessary:		
00 67 884	3 FRU	Additional work when the engine malfunction light is on / vehicle diagnosis and delete fault codes (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

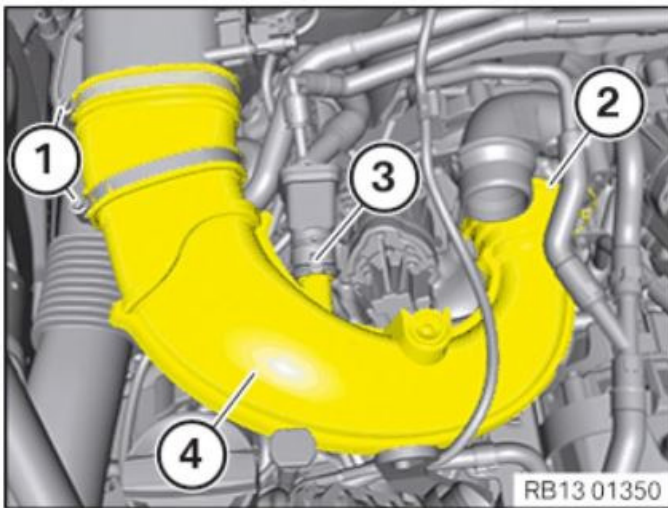
ATTACHMENTSView PDF attachment [B11 04 19 Procedure](#).

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Service Action: Check and Replace the Fresh Air Intake Duct

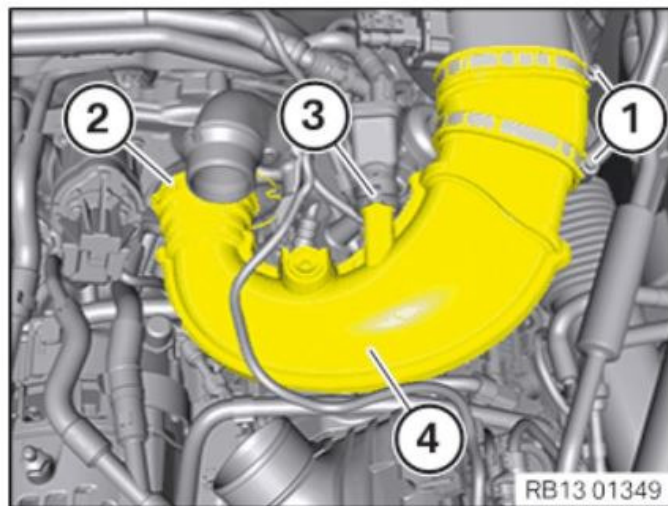


1. Remove the acoustic cover (1).



2. Locate the fresh air intake duct (highlighted with yellow) on cylinder bank 1 (4).

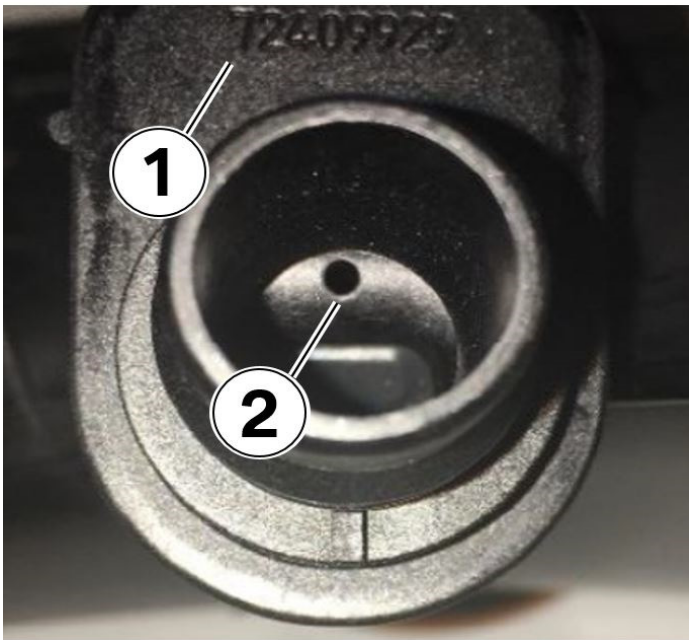
Release the pipe from the non-return valve (3).



3. Locate the fresh air intake duct (highlighted with yellow) on cylinder bank 2 (4).

Release the pipe from the non-return valve (3).

Note: Do not remove the fresh air intake ducts. Use a borescope or endoscope to inspect the non-return valves in the following steps.



4. **Part 1:**
Inspect the bank 1 non-return valve.

Look at the top edge of the non-return valve (1).

A series of numbers need to be present.

Bank 1 = 72409929 – is correct!

If any other number is present then the wrong non-return valve is installed and it will need to be replaced.

If the correct number is present then proceed to part 2.

Part 2:
Inspect the inside of the non-return valve, there should be a hole present (2).

If the hole is missing then that non-return valve must be replaced.

Or

If the hole is present then take no further action on bank 1.

Go to step 5.



5. Inspect the bank 2 non-return valve.

Look at the top edge of the non-return valve (1).

A series of numbers need to be present.

Bank 2 = 72409981 – is correct!

If any other number is present then the wrong non-return is installed and it will need to be replaced.

Note: Bank 2 non-return valve should have no hole as shown in the picture!

No hole is correct!

Go to step 6.

6. If the results of the inspection are correct then take no further action and reassemble the vehicle.

If the results of the inspection result in one or both incorrect parts then refer to the applicable repair instruction below as needed.

Repair instruction 13 71 190 "Remove and install/replace the left clean air air pipe" (cylinder bank 1-4)

And/or

Repair instruction 13 71 195 "Remove and install/replace the right clean air pipe" (cylinder bank 5-8)