



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

MODEL

E53, E60, E63, E64, E65, E66 with N62 from Series introduction up to 06/30/2004

SITUATION

The diaphragms in the crankcase ventilation valves on N62 engines may become brittle and may start to leak vacuum into the engine intake system. As a result, one or all, of the following scenarios may occur:

- Customer may hear a whistling noise from the engine area,
- Service Engine Soon light may be illuminated, and
- Mixture adaptation faults may be stored in the DME.

In order to remedy the situation, BMW is conducting a Voluntary Emissions Recall Campaign to replace crankcase ventilation valves on all affected vehicles.

A copy of the customer letter is attached.

AFFECTED VEHICLES

This Recall Campaign involves 545i/iA, 645Ci/CiA/Cic/CicA, 745i/Li, X5 4.4iA and X5 4.8isA vehicles with N62 engines, which were produced from Series introduction up to 06/30/2004.

In order to determine if a specific vehicle is affected by this Recall Campaign it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System). Based on the response of the system, either proceed with the corrective action or take no further action.

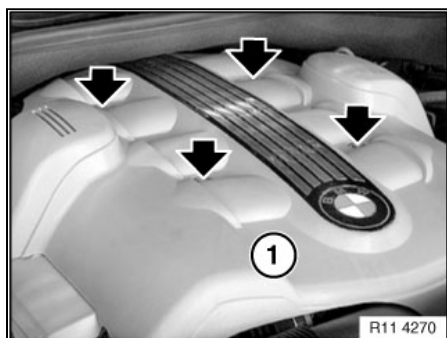
The Chassis Number Ranges listed below are **only** for informational purposes and are not to be considered as the only deciding factor.

Model	Chassis Number Range
545i	B087043 B088493
545iA	B107050 B113706
645Ci	B215018 B215596
645CiA	B189035 B190959
645Cic	B260025 B260591
645CicA	B320028 B322176
745i	DP50093 DP73841
745Li	DR00181 DR19993
	DS43030 DS55126
X5 4.4iA	LE81036 LE81609
X5 4.8isA	LV00056 LV08286

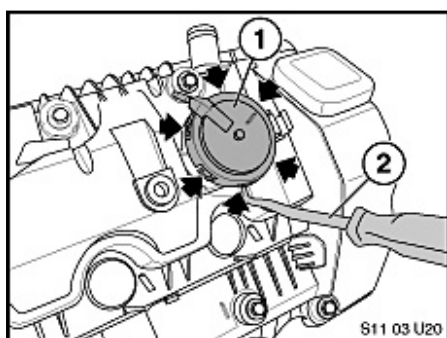
CORRECTION

On affected vehicles replace the crankcase ventilation valves on both cylinder banks using improved parts (P/N 11 12 7 547 058). Please note that the repair kit contains sufficient parts to repair one crankcase vent valve. To complete this repair procedure, order two valves kits.

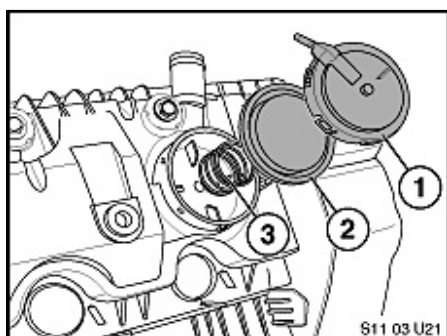
PROCEDURE



Remove the 4 screws securing the acoustic cover (1) to the engine. Remove towards the front.



Remove the trim covers from both valve covers to expose the crankcase vent valves (1). Using a pick (2), release the six clips securing the vent valve.



Remove the vent valve cover (1), diaphragm (2), and spring (3). The replacement repair kit consists of all three parts. Install in the reverse order ensuring that the cover is in the correct position (see illustration) and that all six clips are securely and positively engaged.

PARTS INFORMATION

Part Number	Description	Quantity
11 12 7 547 058	Crankcase ventilation valve kit	2

LABEL INSTRUCTIONS

- After the vehicle has been checked and corrected, obtain a label (SD 92-321) and with a ball-point pen print your dealer code (5 digits) on the Recall Completion Label (see illustration). An initial quantity of 100 labels will be sent to all BMW automotive centers. Peel the label from its backing and affix it to the right (passenger) rear side of the hood in the engine compartment, close to windshield.

EMISSIONS RECALL CAMPAIGN COMPLETED

N62 Crankcase Ventilation Valve Replacement

CAMPAIGN NO. 06E-A02

DEALER CODE NO.

BMW of North America, LLC
Woodcliff Lake, N.J. 07677

SD92-321

S11 06 U01

Vehicle Emission Recall - Proof of Correction

License Number: Make: Year Model: Body Type: Vehicle Identification Number: Recall Number: Manufacturer: Dealer's Name: Address, City, State and Zip: Date: Dealership's Authorized Signature: Return this certificate to DMV only when required - otherwise retain for your records. SD92-084

S12 96 U31

For California centers only: It is required by the California Code of Regulations that an executed orange "Vehicle Emission Recall - Proof of Correction" certificate (SD92-084, see illustration) be provided to each customer (for vehicles registered in the state of California) once the Recall on their vehicle has been completed.

Note: Additional labels can be ordered on line at BMW TIS.

WARRANTY INFORMATION

The repair described in this bulletin is covered under warranty regardless of time or mileage. Reimbursement for this Recall will be via normal claim entry utilizing the following information:

Defect Code **00 11 27 02 00**

Labor Operation: 00 56 138 Replacement of crankcase ventilation valves

Labor Allowance: 5 FRU

REFUELING COST

BMW of North America, LLC, will provide reimbursement to have the gas tank topped off once, as required, for each vehicle affected by this Recall Campaign. Attach the appropriate receipt to the work order.

Defect Code **85 99 00 66 NA** **Refuel vehicle**

Sublet: Actual cost to top off the fuel tank

Sublet code: 4

VALET COST

BMW of North America, LLC, will provide reimbursement for vehicle valet services (pick up & delivery) for each vehicle affected by this Recall Campaign. Attach the appropriate receipt to the work order.

Sublet: \$25.00

Sublet code: 4

RENTAL VEHICLES

Retailers participating in the Retailer Administered Customer Assistance Program and the BMW Service Loaner Car Program may self-authorize claims for reimbursement of rental costs from independent rental agencies in certain situations. For more details refer to [SI B01 07 03](#).

ATTACHMENTS

View PDF attachment [B110306CustomerLetter](#).

View PDF attachment [B110306Customer Letter X5](#).