



SI B11 16 17
Engine

January 2019
Technical Service

RECALL 17V-683: POSITIVE CRANKCASE VENTILATION (PCV) VALVE HEATER

New information provided by this revision is preceded by this symbol  .

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.

This Service Information bulletin replaces SI B11 16 17 **dated September 2018**

Whats new:

- The Warranty Information section has been updated with Mobile Assistance - Off Site Repair information

MODEL

E82 (1 Series Coupe)	E88 (1 Series Convertible)	E90 (3 Series Sedan)	E91 (3 Series Wagon)
E92 (3 Series Coupe)	E93 (3 Series Convertible)	E60 (5 Series Sedan)	E61 (5 Series Wagon)
F10 (5 Series Sedan)	E83 (X3)	F25 (X3)	E70 (X5)
E85 (Z4 Roadster)	E89 (Z4 Roadster)	E86 (Z4 Coupe)	

With the N51, N52, N52K, or N52T engines.

SITUATION

The blow-by-heater which is designed to prevent the engine's Positive Crankcase Ventilation (PCV) system from freezing can internally short circuit. Irregularities in the manufacturing process could allow moisture to occur near the blow-by-heater and lead to the short circuit.

AFFECTED VEHICLES

This Recall Campaign involves E82, E88, E90, E91, E92, E93, E60, E61, F10, E83, F25, E70, E85, E89 and E86 vehicles produced from February 2006 to December 2011.

Vehicles which require this Recall Campaign 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.

Customer letters were mailed in December 2017 notifying them that they are affected by this recall. The mailing of the 2nd letter letting customers know they can come in for repair started in June 2018 and will continue based on part availability.

CORRECTION

Replace the blow-by-heater (positive crankcase ventilation heater elbow).

PROCEDURE

Refer to the attached procedure to replace the blow-by-heater (positive crankcase ventilation heater elbow).

The E70 vehicles require an additional step. The labor allowance now includes additional time for this added repair step.

PARTS INFORMATION

Note: Request and invoice the part numbers specified and listed below in this Service Information bulletin only. Performing a part number look-up for these parts in ETK by VIN or model will result with the wrong parts being invoiced.

Please monitor the Parts Matrix for important updates to the parts ordering procedure.

Part Number	Description	Quantity
11 61 2 458 830	PCV Blow-by-heater (Elbow/Angle Connector)	1
12 31 2 458 831	Set of aluminum screws for alternator	1
11 61 7 535 849	Screw for blow-by-heater	2

And, if required as a result of the issue being addressed by this bulletin, use the intake manifold table below to determine which part number applies to your vehicle.

Identify the model first and then the engine variant to determine the correct intake manifold part number.

Model	Engine Variant	Part Number	Description	Quantity
E60 (5 Series Sedan)	N52	11 61 9 487 260	Intake Manifold	1
	N52K	11 61 9 487 260	Intake Manifold	1
E61 (5 Series Wagon)	N52	11 61 9 487 259	Intake Manifold	1
E70 (X5)	N52K	11 61 9 487 259	Intake Manifold	1
E82 (1 Series Coupe)	N52K	11 61 9 487 260	Intake Manifold	1
	N51	11 61 9 487 259	Intake Manifold	1
E83 (X3)	N52K	11 61 9 487 259	Intake Manifold	1
E85 (Z4 Roadster)	N52	11 61 9 487 260	Intake Manifold	1
E86 (Z4 Coupe)	N52	11 61 9 487 259	Intake Manifold	1

E88 (1 Series Convertible)	N52K	11 61 9 487 260	Intake Manifold	1
	N51	11 61 9 487 259	Intake Manifold	1
E89 (Z4 Roadster)	N52K	11 61 9 487 259	Intake Manifold	1
E90 (3 Series Sedan)	N52	11 61 9 487 259	Intake Manifold	1
	N52K	11 61 9 487 260	Intake Manifold	1
	N51	11 61 9 487 259	Intake Manifold	1
E91 (3 Series Wagon)	N52K	11 61 9 487 260	Intake Manifold	1
E92 (3 Series Coupe)	N52K	11 61 9 487 260	Intake Manifold	1
	N51	11 61 9 487 259	Intake Manifold	1
E93 (3 Series Convertible)	N52K	11 61 9 487 260	Intake Manifold	1
	N51	11 61 9 487 259	Intake Manifold	1
F10 (5 Series Sedan)	N52T	11 61 9 487 262	Intake Manifold	1
F25 (X3)	N52T	11 61 9 487 262	Intake Manifold	1

Repair harness for engine electrical harness:

Do not replace the entire engine electrical harness if only the PCV Blow-by-heater (Elbow/Angle Connector) electrical connector is damaged.

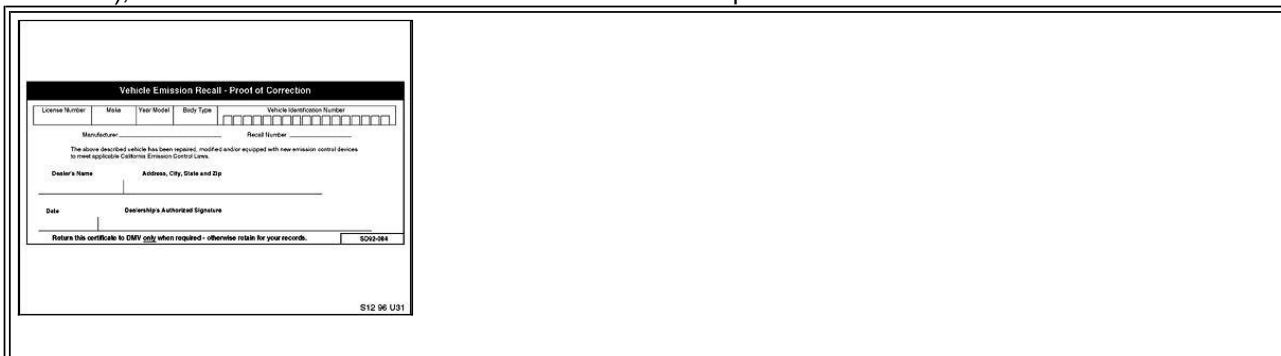
Part Number	Description	Quantity
12 52 9 489 752	Repair harness	1
61 13 8 353 748	Cable connector 1.5 - 2.5 mm	2
61 13 1 379 833	Shrinking hose	2

For additional items that are not listed above, refer to ETK (EPC) and the repair instructions for information about one-time use fasteners, ventilation hoses, intake manifold, screws/bolts and gaskets that may also be needed or must be replaced to perform this repair.

EMISSIONS CERTIFICATE INSTRUCTIONS

For California centers only: This Safety Recall involves an emissions compliant component. 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 this Recall on his or her vehicle has been completed.



WARRANTY INFORMATION

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

Defect Code:	0011640400	
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The vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 65 790	UPDATE! Refer to AIR/KSD2	Replace the blow-by-heater (positive crankcase ventilation heater elbow) (Plus work)

Or:

The vehicle is in the workshop for this recall repair only.

Labor Operation:	Labor Allowance:	Description:
00 65 194	UPDATE! Refer to AIR/KSD2	Replace the blow-by-heater (positive crankcase ventilation heater elbow) (Main work)

UPDATE! Mobile Assistance - Off Site Repair

For centers that qualify, this Recall repair is eligible to be performed and submitted as a Mobile Assistance "Off-Site" Repair which includes an additional labor allowance.

Qualifying BMW centers are those that currently own and operate a Mobile Assistance Program vehicle. Other centers that may qualify are those who have officially registered their interest in conducting mobile service and mobile assistance work for the BMW Roadside Assistance Program.

If your center would like to registered, please send an email with contact your information to roadside.assistance@bmwna.com.

Additional information can be found in the Mobile Assistance program guide in CenterNet, it is located under the Customer Relations menu.

Claim - Labor Reimbursement

When a vehicle is eligible for this Recall repair and it is performed under this program, qualifying centers will be

reimbursed for the corresponding special labor operation's published flat rate unit (FRU) allowance at a of "rate of 150 percent." This mobile assistance repair work is subject to the same policy and procedures that apply to the warranty repair work being performed in your workshop.

Time Control and Documentation

While repair-specific punch times are not necessary for this repair work that is being performed on a vehicle off-site (outside your center), the "on-call" technician must still "punch on" the corresponding repair order (electronic or manual) prior to leaving your BMW center when he or she is dispatched. The technician must then "punch off" the repair order upon their return to your center.

In cases where the technician is out and on the road for an extended period of time (for example, on multiple calls), only one "on and off punch time" is required.

Claim Submission

In addition to the Positive Crankcase Ventilation (PCV) System Heater Recall repair order line item, please open an additional line item as described below:

Defect Code:	85800205RA	Mobile Service Reimbursement for PCV and Blower Motor Wiring Recall
Labor Operation:	Labor Allowance:	Description:
11 99 000	## FRU*	Additional labor allowance to perform "off-site" repair through Mobile Assistance

*Labor Calculation Example

If the special flat rate labor operation to perform the PCV System Heater Recall repair on a specific vehicle has a stated allowance of 12 FRU, after applying the "rate of 150 percent," this repair will then be reimbursed for a total of 18 FRU as a Mobile Assistance off-site repair:

- Claim the additional "6 FRU" or the "applicable additional FRU amount" using the defect code and labor operation provided above.

Notes:

- Round up "half" flat rate units when applicable.
- Identify this line time as "Additional labor for a Mobile Assistance off-site repair."
- Itemize the additional labor claimed and explain the repair performed on the repair order and in claim comment section
- Labor operation code "11 99 000" is not considered a Main labor operation.

Additional Repair(s)

When additional work and/or parts are required as a "direct result of and/or in conjunction with" replacing PVC heater elbow, claim these items under the defect code listed above together the corresponding labor operations listed in KSD2 as applicable and as necessary.

And, also as applicable:

Alternative Mobility Solution (AMS)

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI [B01 29 16](#) for additional information.

Overlapping Labor Procedure

If invoicing the KSD2/AIR flat rate labor operation codes for other repair work results in overlapping labor, for those flat rate labor operations that are affected, you can:

- Replace the stated KSD2 “FRU allowance” with a “reduced FRU value” to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a “reduced FRU value.”

TREAD Act - Previous Customer-Pay Repairs

If your center is presented with a reimbursement request for a “qualifying customer-pay repair” that was performed on an “affected vehicle” **prior** to the release of this Recall Service Information bulletin, BMW of North America, LLC (“BMW NA”) will reimburse this previous repair.

Customer-pay Invoice Review and Reimbursement Procedure

1. Review and verify that the previous customer-pay invoice (BMW center or independent repair shop) contains a repair that was performed to “address the issue” described in this “Recall” Service Information bulletin.
2. If this prior repair qualifies, reimburse the customer (labor and parts).
3. Submit for this customer-paid repair expense under Defect Code **85 99 00 12 NA**, as follows:
 - Sublet Code “3”
 - Dollar amount (with no markup)
 - Comment: Recall 17V-683: Positive Crankcase Ventilation (PCV) System Heater - Reimbursement for allowable expenses that relate to performing a prior qualifying customer-pay repair.
 - Itemize the sublet amount on the repair order and in the claim comments
4. Retain the “original” customer pay invoice in your files; this documentation may be requested by BMW during the claim review process).

Note: A previously reimbursed repair, a repair performed on a non-affected vehicle, and/or, the diagnosis and repair of other “unrelated issues” on an affected or non-affected vehicles does not qualify for reimbursement.

This claim submission for the “prior customer-pay reimbursement,” when it is submitted as outlined under Defect Code “85 99 00 12 NA,” **will not close** the “Open” Safety Recall on the vehicle.

The following supplemental alternate transportation measure is specific to this recall only, it does not supersede the existing Aftersales Mobility Program’s (AMP) policy, procedures and guidelines.

SI B11 16 17: ALTERNATE TRANSPORTATION MEASURES (ATM)

For this recall, please use the following alternate transportation measures for those customers who have concerns about driving their affected BMW vehicle while they wait to have this safety-recall completed.

- **Enhanced Car Rental Procedure**

For those customers with eligible Affected Vehicles needing mid to long-term alternate transportation car rentals, please refer to the Enhanced Car Rental Procedure option attachment for important information about:

1. The rental car allowance; and the
2. Safety-Recalled BMW_Vehicle Condition_Assessment Form

- **AMP Vehicles**

Subject to availability and at the discretion of your center, provide the owner/operator of an Affected Vehicle in a comparable AMP Vehicle Loaner.

Owner/Operator Self-Storage Vehicle Agreement Form

With the customer's agreement and consent, you may allow the customer to retain and self-store their affected vehicle until the parts and/or repair procedure become available for this safety-recall.

Please print out the attached **Owner/Operator Self-Storage Agreement Form** and fill in the recall and customer's information. Please have the customer read and sign this agreement.

Required Documentation

A copy of the customer's completed and signed vehicle storage agreement form must be maintained in your center's Vehicle History File and if necessary, be provided to BMW NA upon request.

Please, also keep copies of all the corresponding safety recall parts and/or SIB-related information and documentation, vehicle's condition/assessment form and rental car invoices in the customer's Vehicle History File as applicable.

Customer Escalations

If you have an escalated customer situation concerning this safety-recall, please send an e-mail to recall.customerescalations@bmwna.com for review.

Please include the customer's name, their 17-character Vehicle Identification Number (VIN) and a brief explanation of their Safety Recall-related issue.

Safety Recall Repair Completion

As with any repair, once the corresponding safety recall-related parts and/or repair procedure become available from BMW NA, every effort must be made to immediately schedule service appointments at your center so this safety-recall repair can be performed on these vehicles.



Note: The client will have five (5) days after the safety-related recall repair (completion) date to pick up their vehicle.

After five days, any additional time he/she remains in the rental car vehicle will be at the

owner's/operator's expense.

ATM CLAIM SUBMISSION INFORMATION

Reimbursement for this specific safety-recall related car rental expenses is via normal claim entry, as a separate line item, utilizing the following information:

Defect Code:	11009999RV	Rental Reimbursement – Safety-Recall Parts Supply/Repair Procedure Issues
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And:

Sublet Code 3	Sublet at cost	Reimbursement for an alternate transportation vehicle through one of our preferred third-party rental car providers
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Mid to Long-Term Car Rentals

Due to the current part supply situation, BMW NA anticipates that some customers may require alternate transportation for thirty (30) days or more. As a result, you may have to submit more than one claim for rental car reimbursement, before your center has the parts necessary to fix an Affected Vehicle.

For these cases, BMW NA recommends that your center submit a claim for the rental car reimbursement at 30-day or monthly intervals (invoice after each 30 day or month of rental car usage); explain the situation in the claim comments; and reference the email you sent by date.

Thank you for your continued cooperation and support.

Posted: Monday, January 7, 2019

ATTACHMENTS

View PDF attachment [B111617 Dealer Script.](#)

View PDF attachment [B111617 Recall Notice.](#)

View PDF attachment [2017-BMW-MY2007-2011-Exx-Fxx-PCV-Valve-Heater-QA-\(30Oct2017\)-FINAL.](#)

View PDF attachment [B111617 Enhanced Car Rental Procedure.](#)

View PDF attachment [B111617 Safety-Recalled BMW Vehicle Condition Assessment Form.](#)

View PDF attachment [B111617 Vehicle Owner Operator Self-Storage Agreement.](#)

View PDF attachment [B111617 Procedure.](#)

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