




SI B34 04 10
Brakes

March 2018
Technical Service

RECALL CAMPAIGN 10V-446: INSPECT BRAKE BOOSTER VACUUM SUPPLY LINE

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 B34 04 10 **dated April 2011**

What's New:

- SI Bulletin format changed to the new format
- The Warranty Information section has been updated.

MODEL

E60 (5 Series) with N62 or N62TU engines produced from August 8th, 2003 to November 30th, 2009	E63 and E64 (6 Series) with N62 or N62TU engines produced from September 30th, 2003 to November 30th, 2009	E65 and E66 (7 Series) with N62, N62TU or N73TU engines produced from October 23, 2001 to July 24th, 2008	E65 (BMW ALPINA B7) with N62 engine produced from October 23, 2001 to July 24th, 2008
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SITUATION

Engine oil may enter the brake booster vacuum supply line via the brake vacuum pump and contaminate the brake booster, which may result in damage to the membrane. In such cases, the membrane can develop leaks which could lead to reduced or no brake power assistance. It is then still possible to slow and stop the vehicle by applying greater force on the brake pedal.

AFFECTED VEHICLES

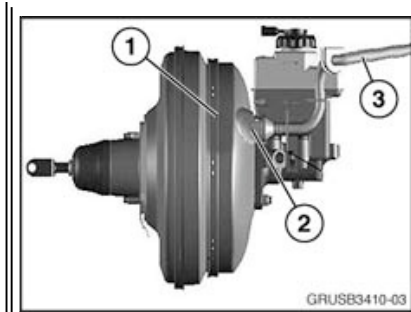
This Recall Campaign involves E60, E63, E64, E65 E66 vehicles produced from October 2001 to November 2009.

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

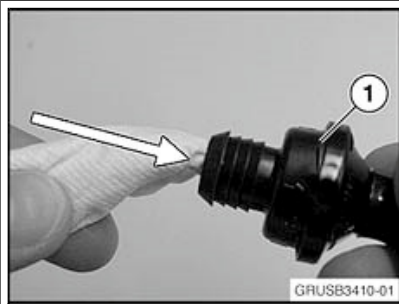
CORRECTION

The updated brake booster vacuum supply line with fluid check valve is to be installed in all applicable vehicles to eliminate future contamination. If oil contamination is found during the inspection, the brake master cylinder and brake booster must be replaced as well.

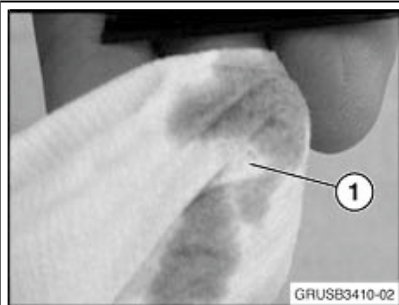
PROCEDURE



1. Remove the brake booster vacuum supply line (3) together with the non-return valve (2) from the brake booster (1).



2. Check the brake booster vacuum supply line at the non-return valve upstream from the brake booster for contamination of oil. Insert a tightly rolled up corner of a non-reusable lint free white shop towel (see arrow) into the non-return valve (2). If the towel does not indicate any engine oil residue, proceed to step 4.



3. If the line exhibits contamination with engine oil, proceed to step 5.

4. Replace the following components only if oil contamination is **NOT** found. Refer to the applicable parts list for each model.

- Replace vacuum supply line and clamp. Inspect and replace the brake booster rubber grommet if wear or cracking is detected. Refer to Repair Instruction REP 34 33 071 Replacing vacuum hose for brake booster (N62).

5. Replace the following components only if oil contamination is found. Refer to the applicable parts list for each model.

- Brake master cylinder and O-ring. Refer to Repair Instruction REP 34 31 505 Removing and installing or replacing brake master cylinder.

- Brake servo unit and seal. Refer to Repair Instruction REP 34 33 505 Removing and installing or replacing brake booster.

- Vacuum supply line and clamp. Refer to Repair Instruction REP 11 66 000 Removing and installing vacuum pump (vacuum pipe and clamp installation).

PARTS INFORMATION

Use the parts described below only if oil contamination is **NOT** found during the inspection, as directed

in step 4.

E60, E63 and E64 with N62 or N62TU engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
11 66 7 611 336	Vacuum pipe	1

E65 and E66 with N62 or N62TU engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
11 66 7 611 337	Vacuum pipe	1

E65 and E66 with N73TU engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
11 66 7 611 339	Vacuum pipe	1

E65 ALPINA B7 with N62 engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
34 33 7 980 604	Vacuum pipe	1

Use the parts described below only if oil contamination is found during the inspection, as directed in step 5.

E60, E63 and E64 with N62 or N62TU engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
34 33 6 753 979	Brake booster seal	1
34 33 6 797 659	Brake booster	1
34 33 6 797 658	Brake master cylinder	1
11 66 7 611 336	Vacuum pipe	1

E65 and E66 with N62 or N62TU engine

Part Number	Description	Quantity

11 15 1 726 339	Vacuum pipe clamp	1
34 33 6 753 979	Brake booster seal	1
34 33 6 797 657	Brake booster	1
34 33 6 797 650	Brake master cylinder	1
11 66 7 611 337	Vacuum pipe	1
32 41 1 156 956	Clamp	1

E65 and E66 with N73TU engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
34 33 6 753 979	Brake booster seal	1
34 33 6 797 657	Brake booster	1
34 33 6 797 650	Brake master cylinder	1
11 66 7 611 339	Vacuum pipe	1
32 41 1 156 956	Clamp	1

E65 ALPINA B7 with N62 engine

Part Number	Description	Quantity
11 15 1 726 339	Vacuum pipe clamp	1
34 33 7 980 604	Vacuum pipe	1
34 33 6 797 657	Brake booster	1
34 33 6 753 979	Brake booster seal	1
34 33 6 797 650	Brake master cylinder	1
32 41 1 156 956	Clamp	1



Prior to the brake booster installation make sure that all transportation packaging materials (e.g. yellow foam securing the push-rod inside booster cavity) are removed.

WARRANTY INFORMATION

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



All models except the ALPINA B7

Defect Code:	0034910100	


Labor Operation:	Labor Allowance:	Description:
00 59 055	Refer to KSD2	Check and replace the vacuum supply line (Main work)
Or:		
 00 59 741	Refer to KSD2	Check and replace the vacuum supply line (Plus work)
Or		
00 59 056	Refer to KSD2	Check and replace the vacuum supply line, replace the brake booster and replace the brake master cylinder; includes bleeding of the brakes (Main work)
Or:		
 00 59 742	Refer to KSD2	Check and replace the vacuum supply line, replace the brake booster and replace the brake master cylinder; includes bleeding of the brakes (Plus work)

Or, for the:

ALPINA B7 only

Defect Code:	0034870100	
Labor Operation:	Labor Allowance:	Description:
00 59 058	Refer to KSD2	Check and replace the vacuum supply line (Main work)
Or:		
 00 59 796	Refer to KSD2	Check and replace the vacuum supply line (Plus work)
Or:		
00 59 059	Refer to KSD2	Check and replace the vacuum supply line, replace the brake booster and replace the brake master cylinder; includes bleeding of the brakes (Main work)
Or:		
 00 59 797	Refer to KSD2	Check and replace the vacuum supply line, replace the brake booster and replace the brake master cylinder; includes bleeding of the brakes (Plus work)

And:

 **Sublet – Bulk Materials (With labor operations 00 59 056/742 and 00 59 059/797)**

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use part numbers for claim submission)
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Sublet reimbursement calculation for claiming repair-related bulk materials (BMW P/N 81 22 0 142 156 up to a Qty of 3 - 12 oz. bottles) is at the dealer net price for the "quantities used" plus your center's handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

Posted: Wednesday, March 14, 2018

ATTACHMENTS

View PDF attachment [B34041010V-446CustomerLetterFinal.](#)

View PDF attachment [B340410Tread.](#)

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TREAD ACT CUSTOMER REIMBURSEMENT PLAN
(BMW of North America, LLC)

If you have paid for the repair described in the attached letter, and you would like to be considered for reimbursement, please contact your authorized BMW center. Expenses from repair facilities outside of the BMW center network will be considered; however, the procedure must meet BMW standards and use BMW Genuine Parts.

Your authorized BMW center will request a copy of your owner notification letter, as well as, a copy of your previously paid invoice, and then inspect the vehicle (if it is still in your possession) prior to submitting a claim on your behalf to BMW of North America, LLC for reimbursement.

Please note the following:

- Only a repair that is the subject of this safety recall is reimbursable. Consequential expenses such as towing, rental, accommodations, damage repairs, etc will not be reimbursed.
- When BMW Genuine Parts are used, the Manufacturers Suggested Retail Price (MSRP) will be considered as the guideline for reasonable charges.
- Expenses for repairs performed more than 10 days after the date of the last owner notification letter sent by BMW are not eligible for reimbursement.
- Taxes and hazardous waste disposal, where previously paid, are eligible for reimbursement.
- BMW will not reimburse for prior repairs that did not utilize BMW Genuine Parts.

We anticipate that your authorized BMW center will be able to answer any questions that you may have regarding your qualifications for reimbursement of a previous repair. If you qualify for such a reimbursement, they will also be able to advise you of the manner in which you could receive reimbursement.

We recommend that your authorized BMW center be your primary contact on this issue; however, our Customer Relations Department may be contacted at 1-800-525-7417 for any special assistance that you may require.

Alternatively, you may submit your request for reimbursement to the following address:

Customer Relations Department
BMW of North America, LLC
P.O. Box 1227
Westwood, NJ 07675-1227

November 2010

Recall Campaign No. 10V-446: Brake Vacuum Pump

Dear BMW Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

BMW AG has decided that a defect, which relates to motor vehicle safety, exists in certain Model Year 2002-2010 5, 6 and 7 Series vehicles. Our records indicate that you are the owner of a potentially affected vehicle.

We sincerely apologize for any inconvenience this may cause you.

DESCRIPTION OF PROBLEM

The issue involves the power assist braking function. A small amount of oil could leak from the brake vacuum pump into the brake vacuum hose. Over time, contamination of the brake booster could occur. This could affect the power assist braking function. In an extreme case, loss of the power brake assist could occur.

The service brake control would still be available to slow and stop the vehicle, although this would require greater brake pedal force.

Do not leave this problem unattended. Depending on traffic and road conditions and the driver's reactions, this could increase the risk of a crash.

PRECAUTIONS FOR YOUR SAFETY

- 1. Contact your authorized BMW center immediately to have the necessary repair performed as soon as possible.**
- 2. IN THE EVENT YOU NOTICE A DECREASE IN POWER BRAKE ASSIST, DO NOT CONTINUE TO DRIVE YOUR VEHICLE. Immediately contact BMW Roadside Assistance at 1-800-332-4269 or your nearest authorized BMW center to have your vehicle brought to an authorized BMW center.**

- 3. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.**

DESCRIPTION OF REPAIR

The repair will consist of replacing the brake vacuum line on your vehicle. If oil has entered the brake booster, the brake booster and brake master cylinder will be replaced. The actual repair will require approximately four hours; however, additional time may be required depending on the BMW center's scheduling and processing. This work will be performed free of charge by your authorized BMW center.

OTHER INFORMATION

Should you need BMW Roadside Assistance, they can be contacted at 1-800-332-4269.

If you are no longer the owner of this vehicle, we would appreciate your furnishing us with the name and address of the new owner, using the enclosed postage-paid card.

If you are a lessor of this vehicle, Federal Regulations require you to forward this notice to your lessee.

If you have already had this repair performed at your own expense, please see the attachment regarding possible eligibility for reimbursement.

Should you have any questions about this campaign, please contact your authorized BMW center.

Again, we sincerely apologize for any inconvenience this may cause you.

We appreciate your confidence in our product, and we wish to do everything we can to retain your confidence. Should you need additional assistance, you may contact BMW Customer Relations and Services at 1-800-525-7417 or via email at CustomerRelations@bmwusa.com.

If the BMW center is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590; call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

BMW OF NORTH AMERICA, LLC