

**SUBJECT****After Cold Start, Brake Booster Reservoir Vacuum Reduced****MODEL**

F02 (7 Series Sedan)

F10 (5 Series Sedan)

F15 (X5)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

Produced to 11/30/2014

With the N57T and N47T engines

SITUATION

With an outside temperature below 14°F, brake booster vacuum may be reduced after a cold start.

CAUSE

The non-return valve in the vacuum line to the brake booster may stick at temperatures below 14°F.

Sufficient vacuum supply is available again at the brake booster only after the vehicle is driven (approximately ¼ mile).

CORRECTION

Replace the vacuum line between the brake booster and the engine vacuum pump with the updated line. The updated part can be identified by the index code 03 following the 11-digit part number located on the vacuum line.

Note: If the new vacuum line is equipped with an additional vacuum connection, it must be sealed using the supplied sealing cap.**PARTS INFORMATION**

Part Number	Description	Quantity
11 66 8 508 215	Vacuum pipe (F30, F31)	1
11 66 8 513 294	Vacuum pipe (F02, F10, F15)	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	34 33 02 14 00	
---------------------	-----------------------	--

Labor Operation:	Labor Allowance:	Description:
34 33 071	Refer to KSD	Replacing vacuum hose for brake booster

If you are using a Main labor code for another repair, use the Plus code labor operation 34 33 515 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Overlapping Labor – Other Repairs

If invoicing additional KSD2 flat rate labor operation codes for the other repair work results in overlapping labor being claimed, invoice work time labor operation 00 50 000 instead for the additional time (FRU) minus the overlap.

On the repair order and in the claim comment section, please identify the labor operations that labor operation code 00 50 000 replaces and itemize the claimed FRU amount.

Even though work time labor operation code 00 50 000 ends in “000,” it is not considered a Main labor operation. When work time labor operation 00 50 000 is being used for work that will be claimed under different defect codes, separate punch time(s) are required.

[Copyright ©2015 BMW of North America, Inc.]