



This Service Information bulletin supersedes SI B64 09 15 **dated January 2016.**

NEW designates changes to this revision

SUBJECT

Whistling Noise Coming from the Center Vent - A/C is Off

MODEL

F22 - 2 Series (Coupe)

F23 - 2 Series (Convertible)

F30 - 3 Series (Sedan)

F31 - 3 Series (xDrive Sports Wagon)

F32 - 4 Series (Coupe)

F33 - 4 Series (Convertible)

F36 - 4 Series (Gran Coupe)

SITUATION

A very high pitched whistling or beeping noise is heard coming from the center vents.

CAUSE

The flow of refrigerant through the expansion valve at certain temperature differentials.

NEW CORRECTION

Install the liquid assembly line between the condenser and evaporator; which includes an electric blocker valve that is fully closed when the A/C is turned off. Modify the circuit to activate and deactivate the electric blocker valve.

PROCEDURE

NEW To avoid misdiagnosis you must duplicate the noise before repair. This problem occurs only under very specific conditions.

NEW This noise is very difficult to duplicate. Follow these suggestions to duplicate the problem:

- A/C compressor is off
- Fresh air directed through center vents
- Lowest fan speed
- No other noises such as open windows, sunroofs and radio on etc.

- Listen closely at center vents

After verifying the noise problem, follow the repair procedure on the B64 09 15 attachment and Electrical Expansion Valve Wiring attachment.

NEW PARTS INFORMATION

Part Number	Description	Quantity
64 53 6 821 261	Assembly, A/C liquid line with electric blocker valve (not shown in ETK)	1
61 12 6 822 130	Assembly, electrical wiring and connector for electric blocker valve	1
61 13 6 914 992	Cable strap with bracket	1
61 13 1 372 391	Cable tie	6
Sublet	Shrink tube and connector (Wurth supplier)	
83 19 2 221 349	R134a (Gas 1 oz units)	As needed

NEW WARRANTY INFORMATION

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

Defect Code:	64 53 00 39 00
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With Automatic Climate Control

Labor Operation:	Labor Allowance:	Description:
64 50 010	KSD2	Discharging/evacuating and filling the air conditioning system
And:		
64 53 690	KSD2	Replacing line from evaporator to condenser

If you are using a Main labor code for another repair, use the Plus code labor operation 64 50 510 instead.

Without Automatic Climate Control

Labor Operation:	Labor Allowance:	Description:
64 50 009	KSD2	Discharging/evacuating and filling the air conditioning system

And:		
64 53 691	KSD2	Replacing line from evaporator to condenser

If you are using a Main labor code for another repair, use the Plus code labor operation 64 50 509 instead.

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

And, with both of the above:

Additional Work

Labor Operation:	Labor Allowance:	Description:
64 99 000	2 FRU	Work time to wire electric blocker valve harness to X13* 1B PIN 11 (Clutch circuit)

Work time labor operation code 64 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

And, if needed:

Sublet – Bulk Materials (Excluding R134a)

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (Please do not use the part numbers for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.

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

ATTACHMENTS

View PDF attachment [B640915 Electric Blocker Valve Wiring](#).

View PDF attachment [B640915 Installation Instructions](#).

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