



SI B64 02 16
Heating and Air Conditioning

March 2016
Technical Service

SUBJECT

Humming/Buzzing Noise from Passenger Side Dashboard

MODEL

F15 PHEV (X5 xDrive40e)

Produced from 8/31/2015 to 11/30/2015

SITUATION

There is a humming or buzzing sound from the passenger side dashboard. This noise only subsides when the entire heating and A/C system is shutoff.

CAUSE

The A/C refrigerant shutoff valve is creating a harmonic sound which is resonating into the passenger compartment.


CORRECTION

The A/C refrigerant shutoff valve must be replaced.

PROCEDURE

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

If the customer reports this issue, the following procedure should be performed:

	<ol style="list-style-type: none">1. Verify the noise is coming from the A/C shut off valve which is located on the passenger side of the engine compartment near the right front strut tower (1).
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2. Replace the A/C shutoff valve as per REP “64 51 750 - Replace refrigerant shutoff valve for vehicle interior” and verify repair.

Note: The 3 “O” rings for the A/C lines that connect to the shutoff valve will also need to be replaced.

PARTS INFORMATION

Part number	Description	Quantity
64 50 6 826 231	Shut-off valve	1
64 50 8 374 959	Gasket ring	3

Bulk Materials

83 19 2 221 349	R134a (Gas 1 oz units)	As needed
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WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	64 53 11 12 00	
Labor Operation:	Labor Allowance:	Description:
64 50 010	Refer to KSD2	Discharging, evacuating and refilling A/C system
And:		
64 51 750	3 FRU	Removing and installing/replacing A/C shut-off valve

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

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.

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