



## NOISE FROM A/C ON POWER-UP AND VENT SELECTION

### MODEL

F15 (X5)	F16 (X6)	F85 (X5 M)	F86 (X6 M)
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Vehicles produced from March 01, 2016 to January 01, 2017

### SITUATION

When selecting a desired outlet vent combination and on power-up (resetting of previous vent selection) of the A/C air distribution system, a disturbing noise is heard (see video - [tinyurl.com/y89pdvva](http://tinyurl.com/y89pdvva)).

### CAUSE

Contact between directional flaps and distributor housing

### CORRECTION

Replace housing when observed sound closely matches that in supplied video.

### PROCEDURE

For conditions that are similar to the situation described:

1. Verify that start-up and vent selection produce sounds similar to that in the video.

**Do both conditions produce demonstrated sound?**

**YES-** Go to step 2.

**NO** – Continue diagnosis with ISTA.

2. Thanks to Tate Dumler @ Lauderdale BMW for providing the attached video: [tinyurl.com/y6vm75g8](http://tinyurl.com/y6vm75g8) how to confirm the above situation.
3. Replace the A/C distributor housing, selecting one from the original part numbers shown below as appropriate (replace with same part number). Refer to ISTA repair instruction REP 64 11 206 "Removing and installing/replacing heating and air-conditioning unit" and REP 64 51 591 "Replacing evaporator"

### PARTS INFORMATION

Please ensure to order and install the distributor housing and seals refer to ETK by VIN.



NOTE: Check if the part is available in stock first before repair.

#### Bulk Materials

83 19 2 221 349	R134a Gas (1 oz unit)	As needed
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83 19 2 287 039	Refrigerant R1234yf (1 oz unit)	As needed
82 14 1 467 704*	Antifreeze/Coolant (1 gallon)	As needed
Or:		
82 14 2 209 769*	Antifreeze/Coolant (1 Quart)	As needed

**Note\*:** The BMW bulk containers listed provides either two (2) gallons or two (2) quarts when mixed with water to create 50/50 mixture solution for “replacing the drained quantity” of antifreeze/coolant.

## WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>6411693900</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
64 11 206	Refer to KSD2	Removing and installing or replacing heater (Includes discharging, evacuating and filling air conditioner and draining and replacing the “drained quantity” of coolant) (Main work)
Or:		
64 11 703	Refer to KSD2	Removing and installing or replacing heater (Includes discharging, evacuating and filling air conditioner and draining and replacing the “drained quantity” of coolant) (Plus work)
And:		
64 51 591	Refer to KSD2	Removing and installing or replacing evaporator
And:		
64 99 000*	8 FRU	Work time to check function and duplicate the customer complaint

If you are using a Main labor code for another repair, use the Plus code labor operation 64 11 703 instead.

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

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, as necessary:

### Sublet – Bulk Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials <b>(excluding R134a/R1234yf)</b> , please, do not use these 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 on the repair order in the claim comment section.

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