



## HORN VIBRATES WHEN BEING USED

### MODEL

F48 (X1)	
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### SITUATION

When the horn is being used, it vibrates and causes a buzzing/droning noise

Refer to the video of an example of the noise: <https://tinyurl.com/V610118>

### CAUSE

The horn and bracket vibrate in the same frequency range.

### CORRECTION

Check horn bracket mountings, if the mountings are not the issue, replace (fanfare) horn(s).

### PROCEDURE

1. Loosen and re-tighten the horn mounting bolts and retest.
2. Is the vibration noise gone?

**Yes – repair is finished**

**No – replace the affected horn(s) that are vibrating**

Refer to ISTA repair instructions “61 33 050 Remove and install / replace left (right) fanfare”

### PARTS INFORMATION

Part Number	Description	Quantity
Refer to EPC with VIN	Horn, low tone	1 if needed
Refer to EPC with VIN	Horn, high tone	1 if needed

### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>6133003700</b>	<b>Horn / Fanfare Loose (Mounting Bolt Repair)</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 11 156	Refer to KSD2	Remove and install front bumper (Main work)
Or:		

51 11 656	Refer to KSD2	Remove and install front bumper (Plus work)
And:		
61 00 009	2 FRU	Work time to loosen and re-tighten the horn mounting bolts and retest

If you are using a Main labor code for another repair, use the Plus code labor operation 51 11 656 instead of 51 11 156.

Or, as necessary, to further address this issue:

<b>Defect Code:</b>	<b>6133001200</b>	<b>Horn / Fanfare Permanent Failure (Horn Replacement)</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 00 009	2 FRU	Work time to loosen and re-tighten the horn mounting bolts and retest (Vehicle in the workshop)

And, in conjunction, with:

#### Replacing the Left Horn

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 33 050	Refer to KSD2	Removing and installing/replacing left fanfare (Main work)
Or:		
61 33 550	Refer to KSD2	Removing and installing/replacing left fanfare (Plus work)

Or, with:

#### Replacing the Right Horn

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 33 055	Refer to KSD2	Removing and installing/replacing right fanfare (Main work)
Or:		
61 33 555	Refer to KSD2	Removing and installing/replacing right fanfare (Plus work)

Or, with:

#### Replacing Both Horns

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

61 33 060	Refer to KSD2	Removing and installing/replace both two-tone horns (Main work)
Or:		
61 33 560	Refer to KSD2	Removing and installing/replace both two-tone horns (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation above for the horn that applies instead of the Main code labor operation.

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

**Note:** The horn remove/install/replace flat rate labor operations listed above all include removing and installing the front bumper.

Work time labor operation code 61 00 009 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. However, it still requires an explanation on the repair order and in the claim comments section.

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