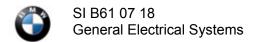
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April 2018 Technical Service

HORN VIBRATES WHEN BEING USED

MODEL

E 10 (V1)	
F40 (A I)	
11	

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.

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

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51 11 656	Refer to KSD2	Remove and install front bumper (Plus work)
And:		
61 00 009	/FRII	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:

Defect Code:	6133001200	Horn / Fanfare Permanent Failure (Horn Replacement)
Labor Operation:	Labor Allowance:	Description:
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

Labor Operation:	Labor Allowance:	Description:
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

Labor Operation:	Labor Allowance:	Description:
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

Labor Operation:	Labor Allowance:	Description:

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61 33 060	II REIEL IN KAUZ	Removing and installing/replace both two-tone horns (Main work)
Or:		
61 33 560	II RAIAFIN K SIJ	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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