



## SUBJECT

### Hissing Noise from Speakers when Radio Volume is Turned Down

## MODEL

F22 (2 Series Coupe)

F23 (2 Series Convertible)

F48 (X1 sDrive)

I01 (i3)

I12 (i8)

Vehicles with SA674 Harman Kardon HiFi system

## SITUATION

There is an audible hissing noise from the speakers when there is no active audio source. This noise is most apparent with the engine and climate system fan turned off.

## CAUSE

Software in the HK HiFi amplifier.

## CORRECTION

If this noise can be reproduced then run diagnostics with ISTA. Work through the corresponding test module.

If the vehicle I Level is less than mentioned below, program and code the vehicle with ISTA/P 3.59.0 or higher. ISTA/P 3.59.0 will be released in July 2016.

I – Level	Vehicle
F020-16-07-500	F22 / F23 / F48
I001-16-07-500	I01 / I12

## PROCEDURE

Follow the steps below to correct the situation:

1. Connect the vehicle to ISTA/P.
2. Program and encode the complete vehicle using ISTA/P 3.59.0 or higher.

**Always connect a BMW approved battery charger / power supply (SI B04 23 10).**

**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.

<b>Defect Code:</b>	<b>65 12 31 42 00</b>
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**For the F22 (2 Series Coupe), F23 (2 Series Convertible) and F48 (X1 sDrive)**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery")
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)

Or, for the:

**I01 (i3) and I12 (i8)**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery to EME")

Or, for the

**I01 (i3) only:**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as “i3) (luggage compartment service cap removed)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

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

**Vehicle Programming and Encoding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

**Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle or as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations listed in KSD2.

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