MODEL

E-Series	Model Description	Production Date	Affected Option Code
I01	i3	September 2nd 2013 to January 29th, 2020	OE4U9 Acoustic protection for pedestrians
I12	i8 Coupe		
I15	i8 Roadster		

SITUATION

Vehicles sound is different and louder after programming to an Integration level (I-level) between I001-19-11-500 and I001-19-11-556.

CAUSE

Software in the Vehicle Sound Generator (VSG).

CORRECTION

Program the vehicle.

PROCEDURE

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.

2. Is the current vehicle I-level:

Model	I-level
I01, I12, I15	**Between I001-19-11-500 and I001-19-11-556.**

   YES: Proceed to Step 3
   NO: Further diagnosis with ISTA is needed

3. Program the vehicle using ISTA 4.21.3x or higher (released February 2019).

Model	Target I-level
I01, I12, I15	**I001-19-11-557 or higher**

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Parts replacement will not provide a solution to this situation

WARRANTY INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Update the vehicle to the required I-level or higher by performing and submitting for one of the open Technical Campaigns instead. Please be sure to also perform any additional work (before and/or after) the campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, the BMW software solution is then:

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

Defect Code:	6512881500	Acoustic protection for pedestrians VSG (Vehicle Sound Generator) permanent malfunction	
Labor Operation	**Description**		**Labor Allowance**
00 00 006	Performing vehicle test (with vehicle diagnosis system-checking faults) (Main work)		Refer to AIR
Or:			
00 00 556	Performing vehicle test (with vehicle diagnosis system-checking faults) (Plus work)		Refer to AIR
And:			
61 21 528	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)		Refer to AIR
Or, for the i3 only			
61 21 529	Connect an approved battery charger/power supply (i3) (luggage compartment service cap removed to EME)		Refer to AIR
And:			
61 25 910	Recharging high-voltage battery unit (to high voltage charging socket)		Refer to AIR
And:			
61 00 730	Programming/encoding control unit(s)		Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

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

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).