



**SUBJECT**

**NBT and Entry Head Unit Software Update for Improved Satellite Radio Reception**

**MODEL**

- F01 (7 Series Sedan) from 7/1/2012 to 6/30/2015
- F02 (7 Series Sedan LWB) from 7/1/2012 to 6/30/2015
- F06 (6 Series Gran Coupe) from 3/1/2013 to 11/1/2015
- F07 (5 Series Gran Turismo) from 7/1/2012 to 11/1/2015
- F10 (5 Series Sedan) from 7/1/2012 to 11/1/2015
- F12 (6 Series Convertible) from 3/1/2013 to 11/1/2015
- F13 (6 Series Coupe) from 3/1/2013 to 11/1/2015
- F15 (X5) from 8/1/2013 to 11/1/2015
- F22 (2 Series Coupe) from 11/1/2013 to 2/28/2015
- F25 (X3) from 4/1/2013 to 11/1/2015
- F26 (X4) from 4/1/2014 to 11/1/2015
- F30 (3 Series Sedan) from 7/1/2013 to 6/30/2015
- F31 (3 Series sport wagon) from 3/1/2013 to 6/30/2015
- F32 (4 Series Coupe) from 7/1/2013 to 6/30/2015
- F33 (4 Series Convertible) from 11/1/2013 to 6/30/2015
- F34 (3 Series Gran Turismo) from 3/1/2013 to 6/30/2015
- F36 (4 Series Gran Coupe) from 3/1/2014 to 6/30/2015
- F48 (X1) from 7/1/2015 to 11/1/2015
- F80 (M3 Sedan) from 3/1/2014 to 6/30/2015
- F82 (M4 Coupe) from 3/1/2014 to 6/30/2015

F83 (M4 Convertible) from 7/1/2014 to 6/30/2015

F85 (X5 M) from 12/1/2014 to 11/1/2015

F86 (X6 M) from 12/1/2014 to 11/1/2015

I01 (i3) from 9/1/2013 to 11/1/2015

I12 (i8) from 11/1/2013 to 11/1/2015

This bulletin is only for vehicles produced with either SA609 NBT Head Unit or SA663/SA606 Entry Head Unit

## AND

Equipped with SA655 Satellite Radio

### SITUATION

Poor Satellite Radio reception

### CAUSE

After this software update there is a slight improvement in Satellite Radio reception for these vehicles when receiving their signal from XM Satellites. This is due to the changeover from Sirius Satellite broadcasting to XM Satellite broadcasting in 2016 (See SI B65 19 15).

### PROCEDURE

Follow the steps below to correct the situation:

1. Connect the vehicle to ISTA and run a vehicle test. Run any applicable test plans.
2. Only program the vehicle if:
  - a. This bulletin applies to the vehicle by option code & production date.
  - b. Vehicle is at an I-Level older than 15-11-501
  - c. There are no relevant faults
3. Program and encode the complete vehicle using ISTA/P 3.57.0 or higher.

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

4. Explain to customer the Satellite broadcasting network change as per SI B65 19 15 and that this software update only offers a minimal improvement in reception.

Any further customer complaints with XM Satellite reception should be reported to BMW per [SI B65 19 15](#). The only possible further improvement in the customers reception would come IF Sirius/XM installs ground based repeaters in the problem area.

### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>65 12 49 42 00</b>
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**All except 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 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)

And, 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, claim this work with the applicable defect code and labor operations listed in KSD2.

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