



AUDIO SYSTEM AMPLIFIER(S) INOPERATIVE

MODEL

G12 (7 series)	
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SITUATION

The Audio Amplifier (AMP) and/or the Active Sound Design amplifier (ASD) may not function intermittently or permanently.

CAUSE

The foam seals of the trunk water channel clips may be missing or damaged, allowing water to damage the AMP or ASD.



CORRECTION

Inspect and replace any water channel clip with missing or damaged foam seals. Replace the AMP and/or the ASD, if damaged by water ingress. Check wiring harness connectors/pins for corrosion

Its also important to verify that this issue was not caused by any prior repairs in this area.

For other possible related issues, please refer to SI [B51 02 18](#).

PROCEDURE

Refer to repair procedure attachment.

PARTS INFORMATION

Part Number	Description	Quantity
07 14 7 446 452	Clip, bottom part	As needed-up to 4
If needed:		

Refer to ETK	Cover, water gutter, rear (left or right)	As needed up to 2
And, if needed:		
Refer to ETK	Audio Amplifier (AMP)	1
Or, if needed:		
Refer to ETK	Active Sound Design amplifier (ASD)	1

WARRANTY INFORMATION

Covered for defect in materials or workmanship under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	5171281300	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR/KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")

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.

And, additionally for the:

e-Vehicle

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to AIR/KSD2	Recharging high-voltage battery unit (to high voltage charging socket)

And, as necessary:

Labor Operation:	Labor Allowance:	Description:
65 10 009	1 FRU	Work time to inspect for water ingress, module/harness connectors/pins for corrosion (in conjunction with the following)

And, if as described in this bulletin, water ingress/corrosion is found:

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Labor Operation:	Labor Allowance:	Description:
51 00 001	3 FRU	Work time to remove and install both water channels, inspect clips and replace as necessary
And, if necessary:		
65 12 573	Refer to AIR/KSD2	Replacing amplifier

Or, if necessary for:

Harman Kardon or Bowers & Wilkins equipped vehicles

Labor Operation:	Labor Allowance:	Description:
65 12 574	Refer to AIR/KSD2	Replacing ASD amplifier
And:		
61 00 730	Refer to AIR/KSD2	Programming/encoding control unit(s)

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

Work time labor operation codes 65 10 009 and 51 00 001 are not considered a Main labor operations. Also, since the “work time” FRU allowances to be claimed are specified, separate punch times are not required. However, they still require an explanation on the repair order and in the claim comments section.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Programming and Encoding - Vehicle Control Units

A. 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 under the defect code listed in this bulletin with the applicable AIR/KSD2 labor operations.

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

B. For control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in AIR/KSD2.

Additional Related Repairs

If additional related repair work is performed as a direct result of the issue described in this Service Information bulletin, claim this additional repair work with defect code listed above and applicable labor operations that are listed in the AIR/KSD2.

Other Repairs

If other eligible and covered work is performed as a result performing ISTA diagnostics and the related test

plans, claim this other repair work with applicable defect code and labor operations (including diagnosis) that are listed in the AIR/KSD2.

Overlapping Labor Procedure

If invoicing the KSD2/AIR flat rate labor operation codes for other repair work results in overlapping labor, for those flat rate labor operations that are affected, you are able to:

- Replace the stated KSD2 “FRU allowance” with a “reduced FRU value” to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a “reduced FRU value.”

ATTACHMENTS

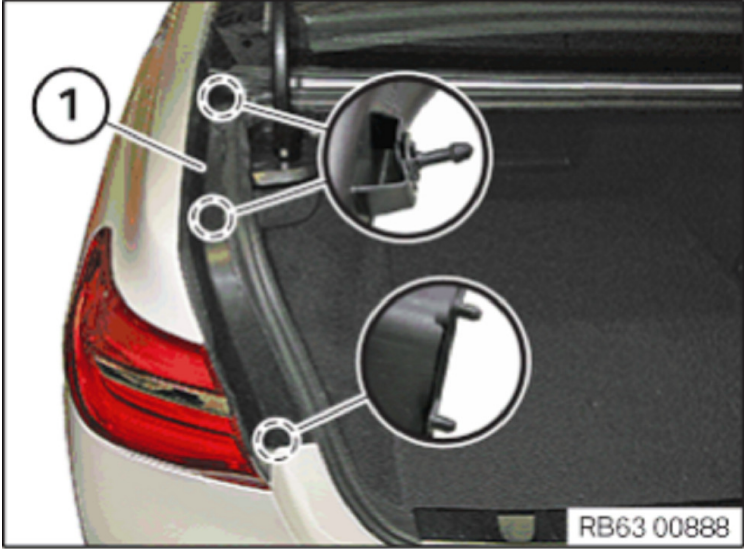
View PDF attachment [B65 14 18 Attachment](#).

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Water leak in luggage compartment repair attachment

Procedure:

In case of customer complaint, perform a vehicle test and work through corresponding test modules for the amplifier(s).

	<p>1. Remove left side cover inside trunk and inspect Amplifier(s) for water infiltration</p>
	<p>2. Was corrosion or water ingress of the trunk found?</p> <p>Yes: Proceed to step 3 to remove both water channels.</p> <p>No: Continue diagnostics for audio system</p>
	<p>3. Unclip both water channels using special tool 0 496 569 (00 9 325).</p>



4. With both water channels removed, inspect the foam sealing rings of all 4 retaining clips for damage.

5. If any retaining clip seals are damaged or missing, replace the clips.



6. Check the clips (1) and guides (2) on the water channels for damage. If water channel clips are damaged, the water channel must be replaced.



7. Clip in both water channels.

8. If corrosion damage was found to the amplifier(s), inspect the luggage compartment to ensure there is no additional damage from water ingress.

9. Leak test the vehicle to ensure no water is leaking into the luggage compartment after repairs.