



Technical Service Bulletin

91 B&O sound: scraping noises from woofer door speaker with bass-heavy songs

91 17 06 2046489/1 February 6, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
TT	2016 - 2017	All	With B&O

Condition

The subwoofer speakers in the front doors make scraping noises with bass-heavy songs or spoken passages. Vehicles with the B&O sound system, PR code 9VS, are affected.

Technical Background

The speaker can have a hardware restriction which causes a noise similar to a blown speaker.

Production Solution

Hardware improvement introduced into series production.

Service

1. Check whether the complaint is caused by the speaker or by adjacent components (door trim, plastic parts, cables, and etc.).
2. Follow TSB 2018187 “91 Sound system: speaker rattles, vibrations or audio interference” and ensure there are no outside influences that can be removed to fix the noise concern.
3. If no outside influence can be determined, then remove the speaker from its mounting location using the repair instructions in ElsaPro: *Repair manual >> Electrical System >> Communication >> 91 Communication >> Sound System >> Left Front Bass Speaker -R21-/Right Front Bass Speaker -R23-, Removing and Installing >> Left Front Bass Speaker -R21-/Right Front Bass Speaker -R23-, Removing and Installing, 9VD/9VS*
 - Keep the speaker wiring connected and play audio through the MMI while the speaker is removed from its mounting location and while being held.
 - Verify the noise is heard when holding the speaker in hand.
 - If it is determined the speaker is the source of the noise, then replace the speaker.

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- If no noise can be reproduced, and no outside influence can be found, then replace the speaker only if the speaker production date is less than the number listed below:

Speaker	Part number	Improved Part Production Date Number
Front Driver Door Woofer	8S0.035.297	18616
Front Passenger Door Woofer	8S0.035.298	20016

Production date format is DDD/YY, where “DDD” = Day of the year (out of 365 days), and YY is the last two digits of the calendar year.

Example: The part shows a production date 18616 for part number 8S0035297 which is 186th day in 2016 (Figure 1).



Figure 1. Improved Part Production date for Driver Woofer

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Example: The part shows a production date 20016 for part number 8S0035298 which is 200th day in 2016 (Figure 2).



Figure 2. Improved Part Production date for Passenger Woofer

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9140		
Damage Code:	0040		
Labor Operations:	Replacing both front door woofer speakers		
	Front door trim panels removed + reinstalled	7059 2000	50 TU
	Front loudspeakers remove + reinstall	9140 2052	50 TU
	Replacing only a single door woofer speaker		



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	Front door trim panel removed + reinstalled	7059 1900	30 TU
	Front loudspeaker remove + reinstall	9140 2051	10 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	No allowance	10 TU
	Road test after service procedure	No allowance	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2046489/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
8S0.035.297	Driver Door "Woofers"	As needed
8S0.035.298	Passenger Door "Woofers"	As needed

Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2018187, *91 Sound system: speaker rattles, vibrations or audio interference.*



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All parts and service references provided in this TSB (2046489) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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