

**Noises from the Front Left or Right BOSE Mid-Range Speakers when Bass is Activated: Rework Speaker (SY 224/24)**

Model Line: **Taycan (Y1A / Y1B / Y1C)**

Model Year: **2025**

Equipment: **BOSE® sound system (M-No. 9VL)**

Concerns: **BOSE mid-range speaker, front left or right**

Symptom: **Noises from the BOSE mid-range speaker on the front left or right door can be detected when music with loud bass is played.**

Root Cause: Due to an unfavorable tolerance pairing, the door trim panel and speaker membrane can come into contact when music with loud bass is played.

Remedial Action: If there is a customer complaint, retrofit washers between the BOSE mid-tone speaker and door trim panel.

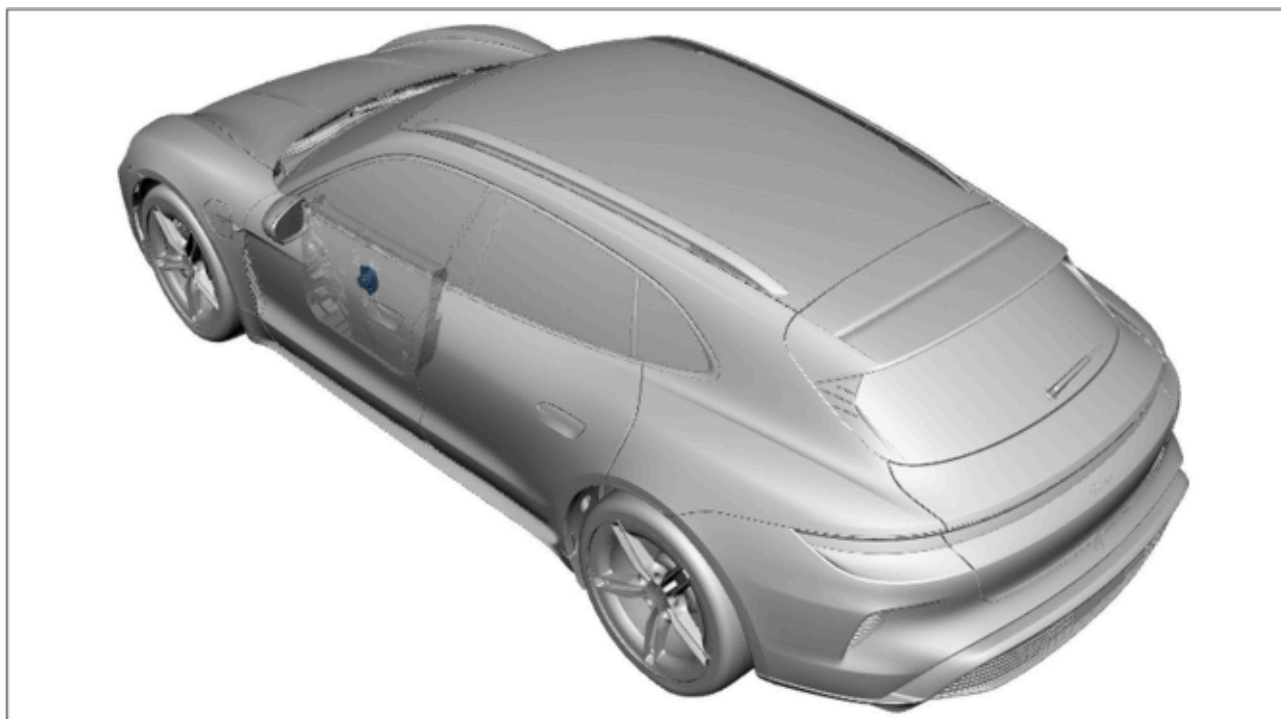


**Information**

By retrofitting the washers, the distance between the door trim panel and speaker membrane is increased ensuring that there is no contact between the components.

Installation

Position:

*Installation position of mid-range loudspeaker***Required parts**

Parts Information:	Part No.	Designation – Location	Number
	PAF011523	⇒ 5 x 10 x 1 washer – Mid-range speaker on door trim panel	3 piece(s) per speaker

**Required tools**

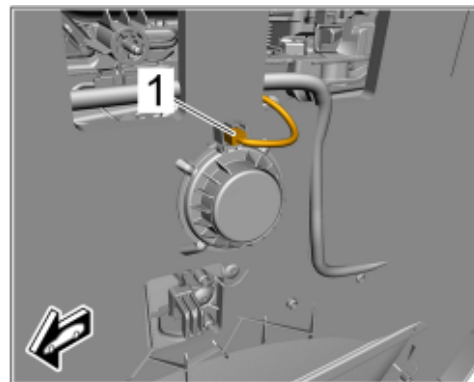
Tool:      ▪      Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

**Retrofit washers between BOSE mid-range speaker and door trim panel****Information**

The work procedure is shown on the left door trim panel as an example. The procedure on the right door trim panel is almost identical.

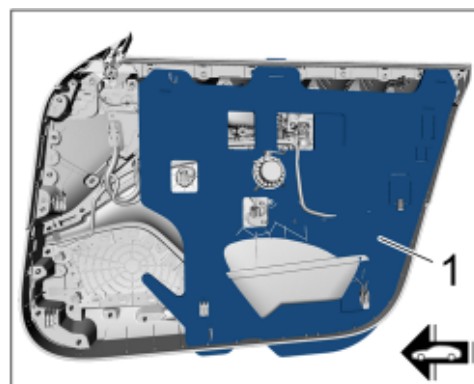
Work Procedure: 1 Remove door trim panel on the affected side of the vehicle.  
⇒ Workshop Manual '705919 Remove and install front door trim panel'

- 2 Release and disconnect electric plug connection for speaker in front door trim panel ⇒ *Electric plug connection loudspeaker front door trim panel -1-*.



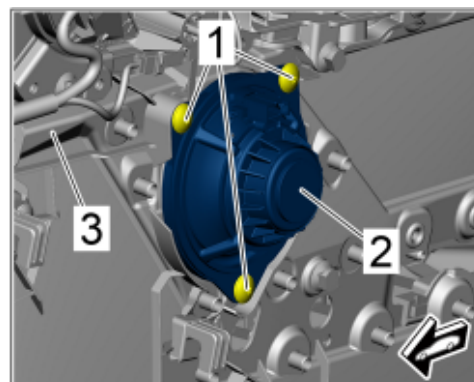
*Electric plug connection loudspeaker front door trim panel*

- 3 Remove front door trim panel sound absorber ⇒ *Front door trim panel sound absorber -1-*.



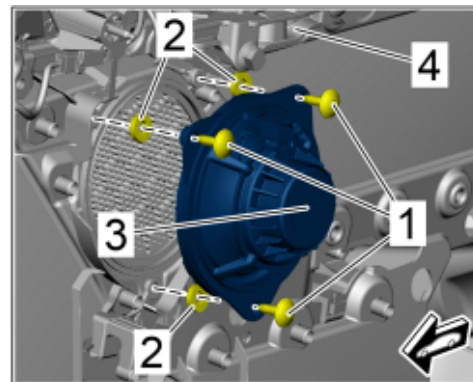
*Front door trim panel sound absorber*

- 4 Remove screws securing speaker ⇒ *Screws for loudspeaker in front door trim panel -1-* and remove speaker ⇒ *Screws for loudspeaker in front door trim panel -2-* from door trim panel ⇒ *Screws for loudspeaker in front door trim panel -3-*.



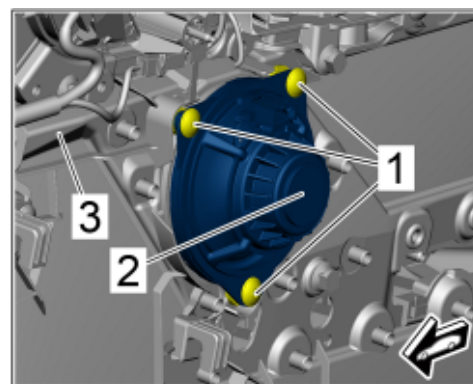
*Screws for loudspeaker in front door trim panel*

- 5 Using the screws securing speaker  $\Rightarrow$  *Position of washers -1-, position the washers  $\Rightarrow$  Position of washers -2- between the speaker  $\Rightarrow$  Position of washers -3- and door trim panel  $\Rightarrow$  Position of washers -4-.*
- 6 Carefully attach speaker  $\Rightarrow$  *Screws for loudspeaker in front door trim panel -2- to door trim panel  $\Rightarrow$  Screws for loudspeaker in front door trim panel -3- and screw-in and tighten screws securing speaker  $\Rightarrow$  Screws for loudspeaker in front door trim panel -1-.*



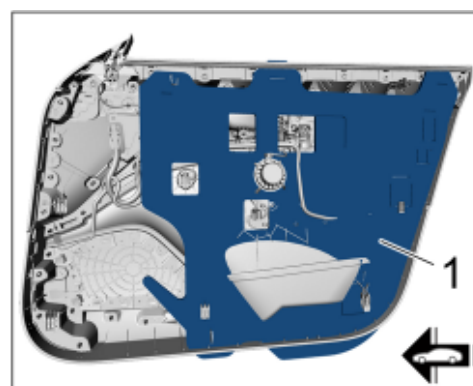
*Position of washers*

**Tightening torque 2,5 Nm**



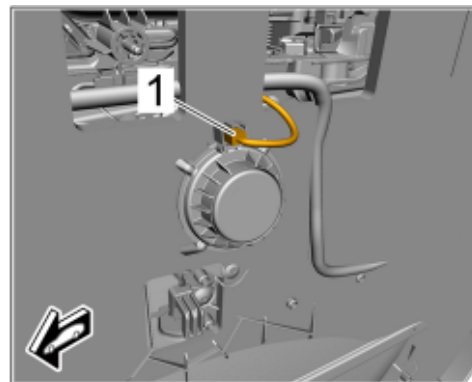
*Screws for loudspeaker in front door trim panel*

- 7 Install front door trim panel  $\Rightarrow$  *Front door trim panel sound absorber -1-.*



*Front door trim panel sound absorber*

- 8 Connect and lock electric plug connection for the speaker on the front door trim panel ⇒ *Electric plug connection loudspeaker front door trim panel -1-*.
- 9 Install front door trim panel.  
⇒ *Workshop Manual '705919 Remove and install front door trim panel'*



*Electric plug connection loudspeaker front door trim panel*

### Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
91414941	Rework front left door speaker	
91414942	Rework front right door speaker	

PCSS encryption:

Location (FES5)	91410	Front door loudspeaker
Damage type (SA4)	2018	whirring, buzzing

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