Rear Door Symptom: Creaking Noises at the Rear Door when Opening or Locking (SY 80/24)

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

Model Year: **As of 2020**

Concerns: **Rear door**

Cause: **Customers complained about creaking noises when opening and locking the rear left and/or rear right door.**
Relative movements between the shaft reinforcement and the lock reinforcement within the door frame may cause intermittent creaking noises.

Action: In the event of a complaint, rework rear left and/or rear right door by placing an additional rivet.

Required parts and materials

Part No.	Designation – Additional designation	Number / Quantity
PAF016206	⇒ Beaker rivet – 4.0 x 9.5 AlMg5	1 piece per door
	⇒ Touch-up stick in vehicle color*	Quantity as required

Required tools

Tools:

- 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.)**
- Plastic wedge, commercially available
- Rivet pliers, e.g. **VAS 6967 - Rivet pliers**
- Center punch, commercially available
- Metal drill 4 mm, commercially available
- Drilling machine, commercially available
- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 90A battery charger**. For further information about the battery chargers to be used, see the corresponding Workshop Manual.
  ⇒ *Workshop Manual '270689 Charging battery and vehicle electrical system'*

Rework rear doors

Work Procedure: 1 Connect the battery charger.
⇒*Workshop Manual '270689 Charging battery and vehicle electrical system'*

2 Check rear left and/or rear right door for creases and confirm fault pattern.

3 Remove the rear door trim panel.
For procedure, see: ⇒*Workshop Manual '707319 Remove and install the rear door trim panel'*

4 Remove rear window channel seal.
⇒*Workshop Manual '646819 Remove and install rear window channel seal'*

5 Roll the rear door window pane all the way up.

Information
The action for eliminating noise is described on the rear left door and, if the fault pattern also applies, must be carried out in the same way on the rear right door.

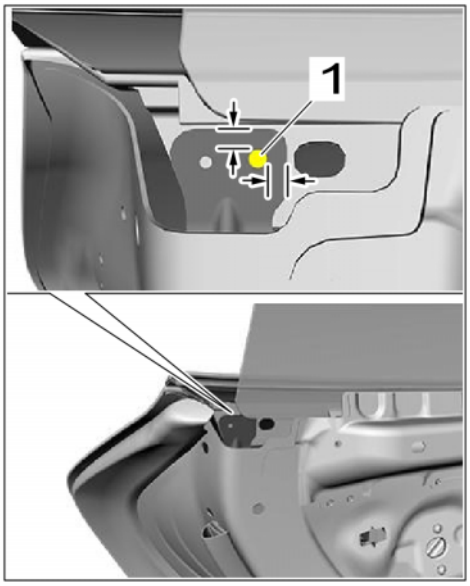
6 Rework rear door affected.

6.1 Adjust position for an additional rivet on the door reinforcement and set ⇒*Rework rear doors* **-1-** marking.
To ensure sufficient stability, ensure that sufficient distance is maintained from the outside areas of the reinforcement. ⇒*Rework rear doors*

6.2 Mark the position of the hole with a suitable center punch.

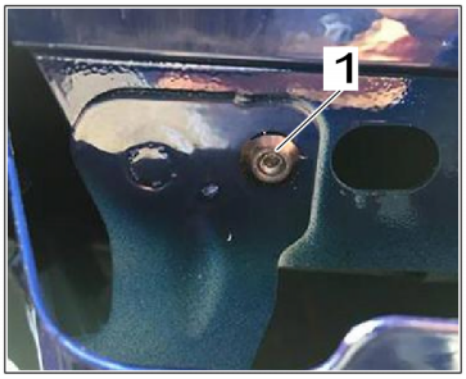
6.3 Equip a suitable drill with a 4 mm drill bit and set the depth stop to a drilling depth of 6 mm to prevent damage to the outer skin of the door.

6.4 Drill a 4 mm hole for the rivet in the reinforcement door, with the help of a second person, and vacuum up the chips produced during the drilling process with a suitable wet/dry vacuum cleaner.
Make sure that the rear door window is not damaged during drilling.



Rework rear doors

7 Use ⇒*Set rivet* **-1-** rivet pliers to insert rivet.



Set rivet

8 Paint repair point.

8.1 Seal the rivet with a touch-up pen corresponding to the respective vehicle paintwork to protect the body from corrosion.

8.2 Allow paintwork to dry completely.

9 Install rear window channel seal.
⇒*Workshop Manual '646819 Remove and install rear window channel seal'*

10 Install the rear door trim panel.
For procedure, see: ⇒*Workshop Manual '707319 Remove and install the rear door trim panel'*

11 Connect **P90999 - PIWIS Tester 4** to the vehicle and switch on the ignition.

12 Read out and delete all control units fault memory.

13 Exit the diagnostic application, switch off the ignition, disconnect the **P90999 - PIWIS tester 4** from the vehicle.

14 Switch off and disconnect the battery charger.

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
58514951	Rework rear door (left)	
58514952	Rework rear door (right)	
58515050	Rework rear door (left and right)	

PCSS encryption:

Location (FES5)	58510	Rear door
Damage type (SA4)	2017	creaks, rattles