

Outer Body Symptom – Whistling Noise from the Area of the Cowl Frame A-Pillar and Roof at Speeds Greater than Highway Speeds (SY 19/24)

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

Model Year: **As of 2022 up to 2024**

Concerns: **Windshield**

Symptom: **Whistling noise from the area of the cowl frame A-pillar and roof at speeds greater than highway speeds.**

Cause: A joint that is too large between the windshield and glass roof at the level of the A-pillar can lead to insufficient preloading of the sealing lip of the joint seal, thereby causing noises.

Remedial Action: Determine the distance between the windshield and roof module using a feeler gauge and replace the windshield depending on the test result.



Information

Please note that the windshield should only be replaced in this case, although it can generally be reinstalled after removal in accordance with the specifications of the Workshop Manual.

Required parts and materials as needed



Information

No parts or materials are required to determine the distance between the windshield and roof module.

Parts Info:	Part No.	Designation – Location	Quantity
	9J1845099XX*	⇒ Windshield	1 piece
	9A795560920	⇒ Adhesive film – Sensor for rain and light detection	1 piece
	N 10261307	⇒ M10 hexagon nut – Wiper arm	2 pieces

*Determine the variant of the windshield required for the respective vehicle using the vehicle ID No. in the Porsche Spare Parts Catalogue (PET2).

Materials: **Required materials** (usually already available in the Porsche Centre):

Part No.	Designation - Location	Quantity
00004330535	⇒ 2K window adhesive set - Windshield	1 piece
PAF011075	⇒ 25 x 0.3 mm (0.98 x 0.01 in) adhesive tape	Quantity as required

Required tools

Tools:

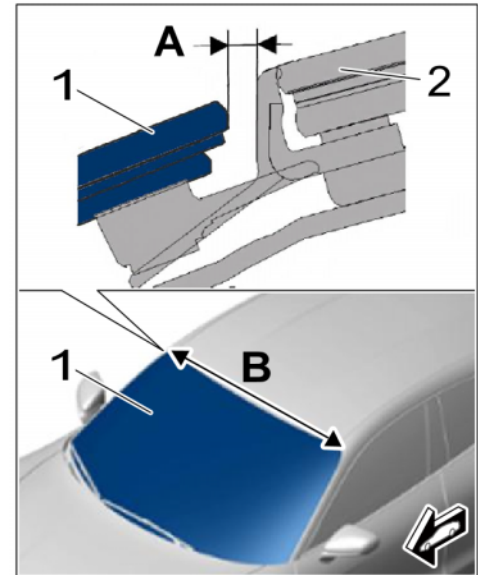
- Adjustment gauge / feeler gauge, e.g., **VAS 6937 - adjustment gauge**

Additional tool required if the windshield needs to be replaced:

- **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 vehicle electrical system and battery'*
- Suction lifter, e.g., **V.A.G 1344 - suction lifter**
- Windshield removal set, e.g., **VAS 861 001A - windshield removal set**
- Hook, e.g., **3438 - Hook**
- Pole terminal puller, e.g., **VAS 6935 - pole terminal puller**
- **VAS 6350A - Calibration unit**
- **VAS 6430/1A - Adjustment device with reflector**
- **VAS 6430/3 - Mirror for adjustment device**
- **VAS 6430/4 - Lane Keep Assist calibration board**

Determining distance between the windshield and roof module and replacing windshield if necessary

Work Procedure: 1 Determine distance ⇒ *Gap between windshield and roof* -**A**- between windshield ⇒ *Gap between windshield and roof* -**1**- and roof module ⇒ *Gap between windshield and roof* -**2**- (gaps between the cowl frame and roof) at **multiple points** over entire length ⇒ *Gap between windshield and roof* -**B**- using a feeler gauge.



Gap between windshield and roof

Assessment	Action
Distance ⇒ <i>Gap between windshield and roof</i> - A - is at most 3.8 mm/ 0.15 in throughout.	The complaint is not due to too large a distance between the windshield and roof module and must be localized elsewhere. End of remedial action.
Distance ⇒ <i>Gap between windshield and roof</i> - A - is in places or continuously greater than 3.8 mm/ 0.15 in .	Replace windshield. For instructions, see: ⇒ <i>Workshop Manual '641219 Removing and installing windscreen'</i> IMPORTANT: Glaze the new windshield along the A-pillar higher in order to create a smaller distance (within the tolerance limits) between the windshield and roof module. and finally Go to ⇒ 2.

2 Once the adhesive has hardened, check again whether the distance between the windshield and roof module is **at most 3.8 mm/ 0.15 in** over the entire length.
Observe additional joint dimensions according to repair instructions: ⇒ *Workshop Manual '6X00IN Gap dimensions'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
64120150	Checking windshield	
64125500	Replacing windshield	
91851900	Remove and install WiFi antenna	
90862550	Programming windshield projection control unit	
96382550	Programming front camera	

PCSS encryption:

Location (FES5)	6412	Windshield
Damage type (SA4)	2041	Noise due to wind and air

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