

PSCB Brake Symptom - Squeaking Noises from Around the Front Axle: Replacing PSCB Brake Discs and Brake Pads (SY 121/22)

Model Line: **Taycan (Y1A)**

Model Year: **2020**

Equipment: **Front PSCB disc brakes (M no. 1LZ/1ZP)**

Concerns: **Front Porsche Surface Coated Brake (PSCB)**

Symptom: Squeaking noises can be heard from the front axle area at low speed or slight brake actuation or shortly before the vehicle comes to a standstill.



Information

This behavior is not indicative of a functional defect in the brake system or brake components.

Cause: The high-performance brake system is designed to achieve the best possible braking effect at all speeds and temperatures. Noises can occur under certain conditions, depending on various factors. This noise development may improved by the currently installed brake discs.

Action required: In the event of a complaint, replace the PSCB brake discs and brake pads.



Information

A new component status with improved acoustic properties is available for the PSCB brake discs.

PSCB brake discs with **part number index AF** already have the improved acoustic properties:

- 9Y0615301**AF**: Front left PSCB brake disc
- 9Y0615302**AF**: Front right PSCB brake disc

For instructions, see:

⇒ *Workshop Manual '465019 Removing and installing front brake disc'*

⇒ *Workshop Manual '463656 Replacing front brake pads'*



Information

The brake discs and pads must always be replaced on both sides of the axle.

Required parts and materials

Parts Info:	Part No.	Designation – Location	Number
	9Y0615301AF	⇒ Brake disc – Front axle, left	1 piece
	9Y0615302AF	⇒ Brake disc – Front axle, right	1 piece
	9Y0698151AQ	⇒ 1 set of brake pads for disc brakes – Brake calliper on front axle	1 piece
	PAF004572	⇒ Collared cheese head bolt with hexagon socket head – Brake calliper on front axle	4 pieces
	971698231A	⇒ 1 set of springs – Brake calliper on front axle	2 pieces
	971907637	⇒ Sender wire (brake pad wear indicator) – Brake calliper on front axle	2 pieces

Materials: **Required materials** (usually already available at the Porsche dealer):

Part No.	Designation	Quantity
00004330508	⇒ Mounting paste (100 gram/ 3.53 oz tube)	4 grams/ 0.14 oz

Invoicing

For documentation and warranty invoicing for a new vehicle, enter the work item and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
46522000	Removing and installing front PCCB brake discs	
46365600	Replacing front brake pads	

PCSS encryption:

Location (FES5)	46520	Front PSCB brake disc
Damage type (SA4)	2019	squeaks

References: ⇒ *Workshop Manual '463656 Replacing front brake pads'*
 ⇒ *Workshop Manual '465019 Removing and installing front brake disc'*

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