

**Symptom - PSCB Disc Brakes - Squealing Noises at Low Speed from the Rear Axle Area (SY 111/20)**

Change overview

Version	Date	Change
0	08/04/2020	<ul style="list-style-type: none"> <li>• First publication</li> </ul>
1	01/21/2021	<ul style="list-style-type: none"> <li>• Remedial action modified</li> </ul>
2	10/22/2021	<ul style="list-style-type: none"> <li>• Cause added</li> <li>• Remedial action modified</li> </ul>

Model Line: **Cayenne (9YA/9YB)**

Model Year: **As of 2018 up to 2020**

Equipment: **Porsche Surface Coated Brake (PSCB), M-no. 2EQ/2ES)**

Subject: **Rear PSCB disc brakes**

Symptom: Squealing noises can be heard from the rear axle area at low speed, when braking slightly or when the brakes are not pressed.

Cause: Squealing noises can occur if the brake pad and brake calliper are touching in places and/or if corrosion has formed on the brake drum of the brake disc. Cold temperatures and moisture together with salt can cause corrosion.



**Information**

Please refer to workshop campaign WKF8 if it affects the vehicle ⇒ *Technical Information 'WKF800 WKF8 Workshop campaign - Replacing PSCB brake pads on front axle and replacing brake pad retainer springs on rear axle'*.

Remedial Action: In the event of a customer complaint and if WKF8 Workshop Campaign has already been carried out, install new brake pads with part number index **R**. Also check the brake discs for corrosion and replace them if necessary.

**Parts required**

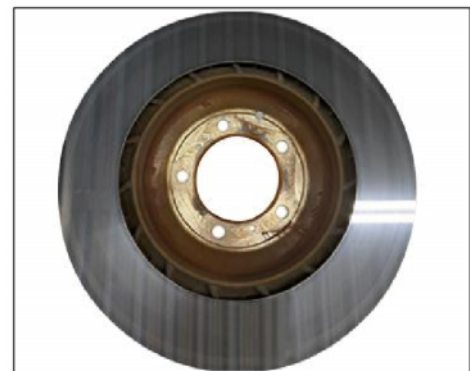
Parts Info:	Part No.	Designation	Qty.
		<b>- Use</b>	
	9Y0698451R	⇒ 1 set of brake pads for disc brakes	1 ea.
	9Y0907637C	- Rear brake calliper ⇒ Brake pad sender wire (brake pad wear indicator)	2 ea.
	9Y0698269A	- Rear brake calliper ⇒ Spring repair kit	2 ea.
	N 91183701	- Rear brake calliper ⇒ Cheese head bolt with multiple-tooth head	4 ea.
		- rear brake calliper	
		<b>Additional parts required if the brake disc drum is corroded:</b>	
	9Y0615602	⇒ Brake disc	1 ea.
		- Rear axle, right	
	9Y0615601C	⇒ Brake disc	1 ea.
		- Rear axle, left	

**Replacing rear PSCB brake pads**

- 1 Remove rear PSCB brake pads.  
For instructions, see:  
⇒ *Workshop Manual '463856 Replacing rear disc brake pads'*
- 2 Remove rear PSCB brake discs.  
For instructions, see:  
⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*
- 3 Check rear PSCB brake discs for corrosion in the brake drum. ⇒ *Corrosion on brake disc*

**Information**

To prevent corrosion from forming again, the new brake discs have additional corrosion protection on the inside of the brake discs (brake drum).



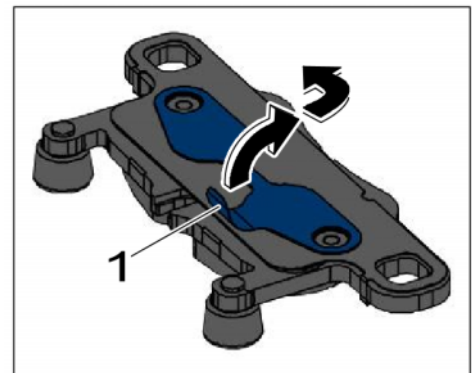
*Corrosion on brake disc*

- 4 If the PSCB brake discs are corroded, they must be replaced.  
For instructions, see:  
⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*



*Brake disc with corrosion protection*

- 5 Before installing the **new** PSCB brake pads, carefully pull the protective film ⇒ *Protective film -1-* off the adhesive pad.
- 6 Install **new** rear PSCB brake pads (Parts Info: 9Y0698451R).  
For instructions, see:  
⇒ *Workshop Manual '463856 Replacing rear disc brake pads'*
- 7 Press the brake pedal five times with medium pressure when the engine is running.



*Protective film*

**Invoicing**



**Information**

This can only be invoiced using a new vehicle warranty claim if the wear limit of the brake discs/brake pads or brake shoes is not reached when this fault occurs.

Invoicing: For documentation and invoicing under the new vehicle warranty, enter the labor operations and PQIS coding specified below in the warranty claim:

APOS	Labor operation	I No.
46385600	Replacing 4 rear disc brake pads	

PQIS coding:

<b>Location (FES5)</b>	46330	Rear PSCB brake pad
<b>Damage type (SA4)</b>	2019	Squealing

<b>APOS</b>	<b>Labor operation</b>	<b>I No.</b>
46532000	Removing and installing 2 rear brake discs	

PQIS coding:

<b>Location (FES5)</b>	46550	Rear PSCB brake disc
<b>Damage type (SA4)</b>	3311	Surface corrosion

- References:
- ⇒ *Technical Information 'WKF800 WKF8 Workshop campaign - Replacing PSCB brake pads on front axle and replacing brake pad retainer springs on rear axle'*
  - ⇒ *Workshop Manual '463856 Replacing rear disc brake pads'*
  - ⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*

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