

9YA/9YB Cayenne – Brake Squeal due to Rear PSCB Corrosion

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	As of 2019	9YA	N/A	1ZI – PSCB Porsche Surface Coated Brakes
Cayenne Coupe	As of 2020	9YB	N/A	1ZI – PSCB Porsche Surface Coated Brakes

Revision History

Revision	Release Date	Changes
0	August 13, 2021	Original document

Condition

The customer complains of a brake squealing noise, often while the brakes are not being used. The frequency can be measured in the range of 1-2 kHz and comes from the brakes on the rear axle.

Technical Background

Corrosion build-up on the inner surface of the brake bell can lead to excess vibrations that cause a middle-frequency noise to be heard.

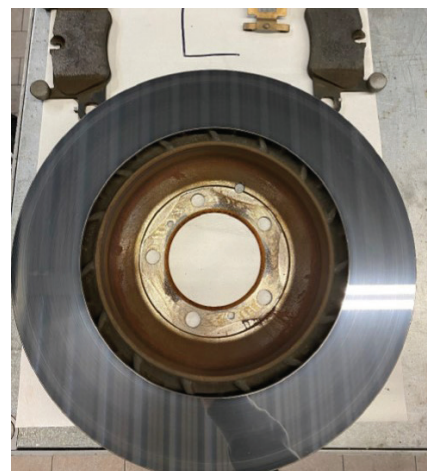


Figure 1 - Corrosion on inner surface of brake bell

Service Information

1. Document the noise with a video and FFT plot.
2. Replace the rear brake discs in accordance with workshop manual WM 465319 – Removing and installing rear brake disc.
 - Please use part number **9Y0.615.601.C** (left) and **9Y0.615.602** (right).
 - **Note: All parts ordered after July 9, 2021 will be painted on the inner surface of the brake bell.** This paint prevents excessive corrosion build-up throughout the life of the brake disc.



Figure 2: Painted inner surface of brake bell

Warranty

As always, be sure to document the repair completely in PCSS.

For this repair, please code the "cause" as follows:

Cause location:	4653	Rear PSCB brake disc
Cause symptom:	2019	Squeaks

Use the following troubleshooting labor operation:

46532000 2 Brake discs rear remove and reinstall

Search Items

Cayenne, Cayenne Coupe, 9YA, 9YB, brake squeal, PSCB, PSCB squeal

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