

Noise Symptom - Unusual Noises from the Front Axle Area While Braking: Observe Specified Procedure (SY 118/21)

Vehicle Type: **Macan (95B)**

Model Year: **As of 2019 up to 2021**

Equipment: **Front disc brakes - 17-inch (M-no. 1LA/1LE)**

Concerns: **Front brake disc**

Symptom: Unusual noises that sound like worn brakes can be heard from the front axle area while braking.

Cause: Particles of dirt, e.g. stones or salt (in winter months), can get onto the inner brake pad on the front axle brake. These particles of dirt cause scoring on the inside of the brake disc on the front axle. As a result, noises can be heard from the brakes. This problem is most likely to occur during winter months when many roads are salted.

Remedial Action: Check brake discs and brake pads on the inside of the front axle and replace them if necessary.

Required parts and materials

Parts Info: **Parts required (if necessary):**

Part No.	Designation	Qty.
	- Use	
PAF911476	⇒ Hex flange bolt, M14 x 1.5 x 48 - Brake calliper on front axle	4 ea.
95B907253G	⇒ Sender wire - Brake calliper on front axle	2 ea.
8R0615269A	⇒ Spring - Brake calliper on front axle	2 ea.
9A761514500	⇒ Retaining pin - Brake calliper on front axle	2 ea.
95B615301M	⇒ Brake disc - Front axle	2 ea.
PAC698151	⇒ 1 set of brake pads (M-no. 1LA) - Front axle	1 ea.

or

95B698151H ⇒ 1 set of brake pads (M-no. 1LE) 1 ea.
– Brake calliper on front axle

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

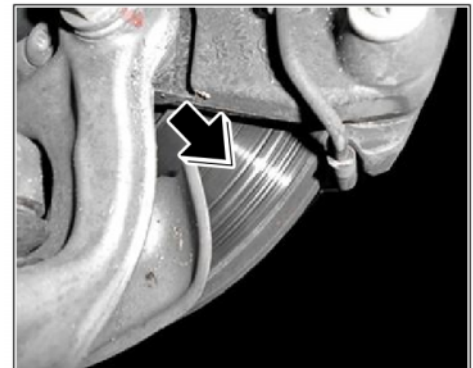
Part No.	Designation	Qty.
00004330508	⇒ Mounting paste (100 gram/ 3.52 oz tube)	4 g/ 0.14 oz

Preparatory work

Work Procedure: 1 Remove both front wheels. ⇒ *Workshop Manual '440519 Removing and installing wheel'*

Checking brake discs and brake pads and replacing them if necessary

- Work Procedure: 1 Check the inside of the front brake discs at the left and right for scoring. ⇒ *Brake disc scoring*
- 2 If there is visible scoring, remove brake pads.
For instructions, see:
⇒ *Workshop Manual '463656 Replacing front disc brake pads'*



Brake disc scoring

- 3 Check inner brake pad for particles of dirt.
⇒ *Particles of dirt on brake pad*
- 4 If this fault type is found, replace brake discs and brake pads.
For instructions, see:
⇒ *Workshop Manual '463656 Replacing front disc brake pads'*
and
⇒ *Workshop Manual '465019 Removing and installing front brake disc'*



Particles of dirt on brake pad

Concluding work

Work Procedure: 1 Install both front wheels. ⇒ *Workshop Manual '440519 Removing and installing wheel'*

Invoicing**Information**

Invoicing using the new vehicle warranty is only possible if the problem described above occurs on the affected vehicle. "Scoring only on the inside of the front brake discs and particles of dirt on the inner brake pad on the front axle." These symptom-based repair instructions (SY) do not cover scoring on the outside of the brake disc or on the rear axle brakes.

Invoicing: For invoicing the defect described here, clear pictures of the relevant component including proof of date and time must be included.

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

APOS	Labor operation	I No.
46505649	Replacing 2 front brake discs	

PQIS coding:

Location (FES5)	46500	Front brake disc
Damage type (SA4)	1822	Grooves, signs of scoring

Parts:	Parts Info:	Designation	Qty.
	PAF911476	Hex flange bolt, M14 x 1.5 x 48	4 ea.
	95B907253G	Sender wire	2 ea.
	8R0615269A	Spring	2 ea.
	9A761514500	Retaining pin	2 ea.
	95B615301M	Brake disc	2 ea.
	PAC698151	1 set of brake pads (M-no. 1LA)	1 ea.
		or	
	95B698151H	1 set of brake pads (M-no. 1LE)	1 ea.
	00004330508	Mounting paste	0.04 ea.

References: ⇒ *Workshop Manual '440519 Removing and installing wheel'*
 ⇒ *Workshop Manual '463656 Replacing front disc brake pads'*
 ⇒ *Workshop Manual '465019 Removing and installing front brake disc'*

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