

**Symptom – Body Exterior – Rattling/Noises from the Rear Area of the Exhaust System:
Observe Specified Procedure (SY 68/21)**

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

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

Concerns: **Exhaust flap actuator**

Symptom: The customer complains about rattling or noise from the rear area of the exhaust system. The following entries may be stored in the fault memory of the DME control unit:

- 'P047600 – 'Exhaust flap, signal implausible'
- 'P04A000 – 'Exhaust flap, bank 2, signal implausible'

Cause: The reason for this may be a defective actuator for an exhaust flap.

Remedial Action: Check exhaust flap, see ⇒ *Technical Information 'Checking exhaust flap'* and repair it as required.

Checking exhaust flap

Work Procedure: 1 Is the customer's complaint connected to the noise?

- Yes, continue with Step 2.
- No, continue with Step 5.

2 Check the exhaust flap actuator.

2.1 Remove the exhaust flap actuator. ⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuator'*

2.2 Check the exhaust flap actuator for damage.

- The exhaust flap actuator is not damaged: Continue with Step 3.
- The exhaust flap actuator is damaged: Replace exhaust system actuator. ⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuator'*

Parts required:

Part number	Designation	Qty.
N 10597201	⇒ Hexagon nut, M5	3 ea.
PAB133246B	⇒ Servo motor for exhaust flap – R4/V6 Turbo engines	1 ea.

	or	
9A713324606	⇒ Servo motor for exhaust flap – V6/V8 Biturbo engines	1 ea.

- 3 Check the exhaust flap mechanism in the exhaust pipe for damage, play or blockage.



Information

The exhaust flap actuator you removed earlier **must** remain removed during the check.
The check is performed manually.

- Exhaust flap mechanism is OK: Continue with Step 4.
- The exhaust flap mechanism is not OK: Replace rear silencer. ⇒ *Workshop Manual '263355 Replacing rear silencer'*

Parts required:

Designation	Qty.
Clamping sleeve *	1 ea.
Rear mufflers (right or left) *	1 ea.
Rear silencer holder *	2 ea.

* Select the vehicle-specific parts using the Porsche Spare Parts Catalogue (PET).

- 4 Install the exhaust flap actuator. ⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuator'*
- 5 Connect **9900 - PIWIS Tester 3** to the vehicle and read out the fault memory of the DME control unit.

Result of check		Action required
(✓)	<p>One of the following entries is stored in the fault memory of the DME control unit:</p> <ul style="list-style-type: none"> • 'P047600 – Exhaust flap, signal implausible' • 'P04A000 – Exhaust flap, bank 2, signal implausible' 	<p>Check plug connection for exhaust flap actuator.</p> <p>Check the plug connection of the exhaust flap actuator for the following points and repair it if necessary:</p> <ul style="list-style-type: none"> • Risk of damage to plug connection, pins and electric lines. • Plug connection and pins are seated correctly. • Corrosion of pins and electric lines. • Risk of short circuit

		If all components specified above appear normal, replace the exhaust flap actuator. ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuator'</i>
(x)	None of these entries is stored in the fault memory of the DME control unit.	<p>Repeat the test.</p> <p>If there is no noise from the exhaust system and no fault memory entry, the customer's problem must be checked and may have to be simulated.</p> <p>If the noise still cannot be heard, the test must be performed starting with Step 1.</p>

Invoicing: For documentation and warranty invoicing, enter the labor operations specified below in the warranty claim:

APOS	Labour operation	I No.
26510240	Checking exhaust flap actuators	
26335500	Replacing rear silencer	
26335501	Replacing rear silencer	

PQIS coding:

Location (FES5)	26510	Exhaust flap actuator
Damage type (SA4)	2014	rattles

Parts Info:

Part No.	Designation	Qty.
	Only if an exhaust system actuator has to be replaced:	
N 10597201	Hexagon nut, self-locking, M5	3 ea.
	and	
PAB133246B	Servo motor for exhaust flap	1 ea.
	or	
9A713324606	Servo motor for exhaust flap	1 ea.

Only if a rear silencer has to be replaced:

As required.	Rear silencer	1 ea.
As required.	Clamping sleeve	2 ea.
As required.	Holder for rear silencer	2 ea.

References: ⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuator'*
⇒ *Workshop Manual '263355 Replacing rear silencer'*

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