

Active Malfunction Indicator Light in Conjunction with Fault Memory Entries regarding Particle Filter/Differential Pressure Sensor "P245300/P245F00" (86/25)

Vehicle Type: **911 GT3 (992)**

Model Year: **As of 2025 up to 2026**

Concerns: **Rear silencer**

Information: **The customer complains about the illumination of the malfunction indicator light in the instrument cluster in conjunction with one of the following fault memory entries in the DME control unit:**

- **P245300** - Particle filter differential pressure sensor, bank 1, implausible signal
- **P245F00** - Particle filter differential pressure sensor, bank 2, implausible signal

Action: In the event of a complaint, check the production date of the rear silencer and rework the rear silencer if necessary.



Information

On rear silencers with a production date **before** 21.08.25, it is possible that the differential pressure line was not positioned correctly inside the rear silencer.

Required tools

Tools:

- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

Additionally required tools if the rear silencer needs to be reworked:

- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g. **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
- Torque wrench, 40-200 Nm (30-148 ftlb.) e.g., **V.A.G 1332A - torque wrench, 40-200 Nm (30-148 ftlb.)**
- **V.A.G 1601 - Torque Wrench 150-800 Nm (111-592 ftlb.)**
- **9794 - Assembly aid**
- **VAS 6266A - Wheel fitting trolley**
- Drill template TI 86/25
- Commercially available felt-tip pen with a shaft diameter of 15 mm (e.g. Edding pen 3000 Ø 15 mm)
- Standard metal drill Ø 8 mm, suitable for stainless steel

Required parts and materials



Information

Only the M6x16 (PAF910423) oval head 6-lobe bolt is required for testing the rear silencer.

**Information****TKR parts procurement**

The drilling template required for reworking the rear silencer must be ordered via the **online shop of TKR Automotive GmbH**.

The link for the online shop is:
<http://www.tkr-connector.com>

Various search functions are available to help you identify the **TI 86/25 Template** e.g. by entering the part number or using a graphic search function.

Order the required parts individually as required or as a collective order using the ordering process for the TKR Automotive GmbH online shop.

Please observe the following information regarding warranty processing:

- For a collective order, the shipping costs must only be invoiced once for the first vehicle during warranty processing as an **additional part** and with the amount as per invoice. For all other vehicles on which parts from this collective order will be used, only the parts and labor time must be invoiced in the warranty claim.
- Document a copy of the invoice in the warranty claim.



TKR Automotive GmbH online shop

Parts Info:

Part No.	Designation – Location	Number
PAF910423	⇒ Oval head 6-lobe bolt M6 x 16 – Lower part of rear spoiler (diffuser)	5 piece(s)
Required parts if the rear silencer must be reworked:		
9GT251235A	⇒ Gasket – Catalytic converter	2 pieces
9GT251571A	⇒ Restraining strap – Rear silencer	2 pieces
PAF108103	⇒ Hexagon-head bolt (combi) with hexagon socket head (duo) – Rear spoiler (lower part)	2 pieces
TKR article number	⇒ Template TI 86/25	1 piece
HAW-POR-0000081		

Material: **Materials required if the rear silencer needs to be replaced** (usually already available in the Porsche Center)

Part No.	Designation – Location	Quantity
00004330618	⇒ Hot screw paste – Rear silencer	Quantity as required
00004330508	⇒ Mounting paste – Wheel hub/central lock	Quantity as required

Checking rear silencer

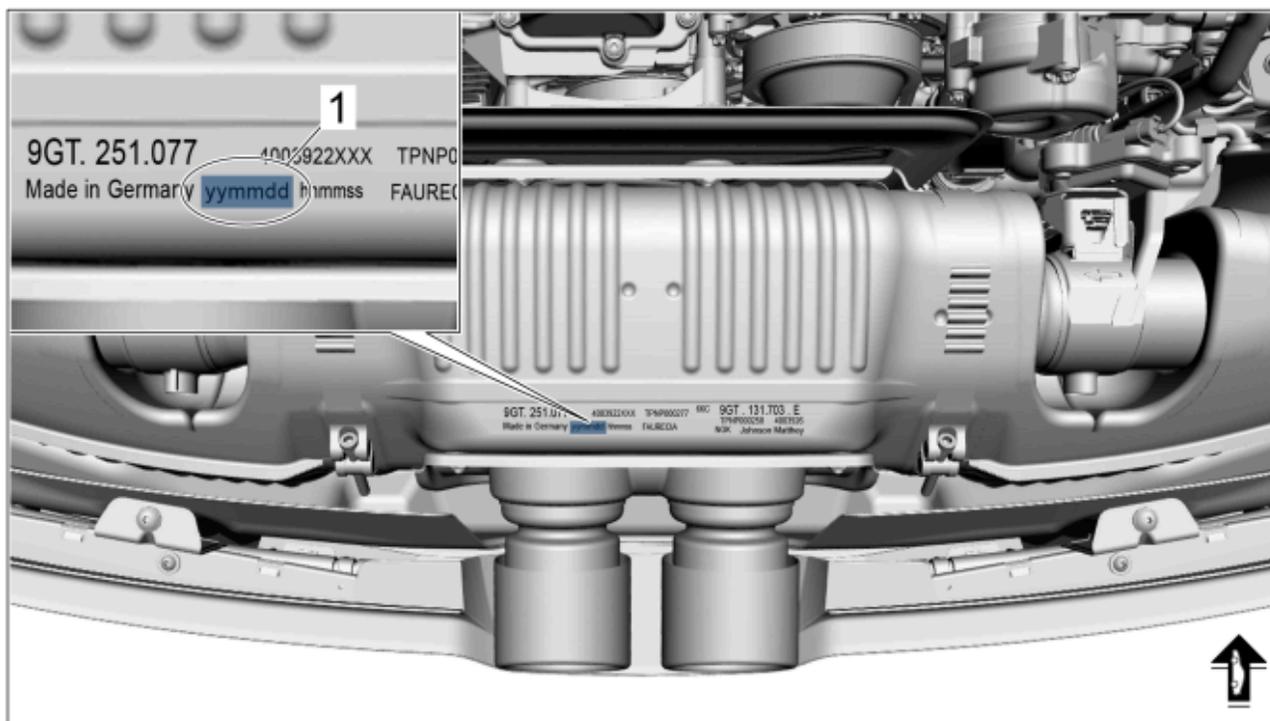
- 1 Remove rear spoiler lower part (diffuser).
⇒ *Workshop Manual '665919 Removing and installing rear spoiler lower part (diffuser)'*



Information

The production date of the rear silencer is on the underside on the right in the direction of travel.

- 2 Check and evaluate the production date ⇒ *Production date of rear silencer -1-* of the rear silencer.



Production date of rear silencer

Assessment		Action
(✓)	Production date from August 22, 2025.	Rear silencer is OK and does not need to be reworked Continue troubleshooting in some other way. Continue with: Install rear spoiler lower part (diffuser). ⇒ <i>Workshop Manual '665919 Removing and installing rear spoiler lower part (diffuser)'</i>
(x)	Production date up to August 21, 2025.	Rear silencer needs to be reworked. For work procedure, see: ⇒ <i>Technical Information '665919 Reworking rear silencer'</i>

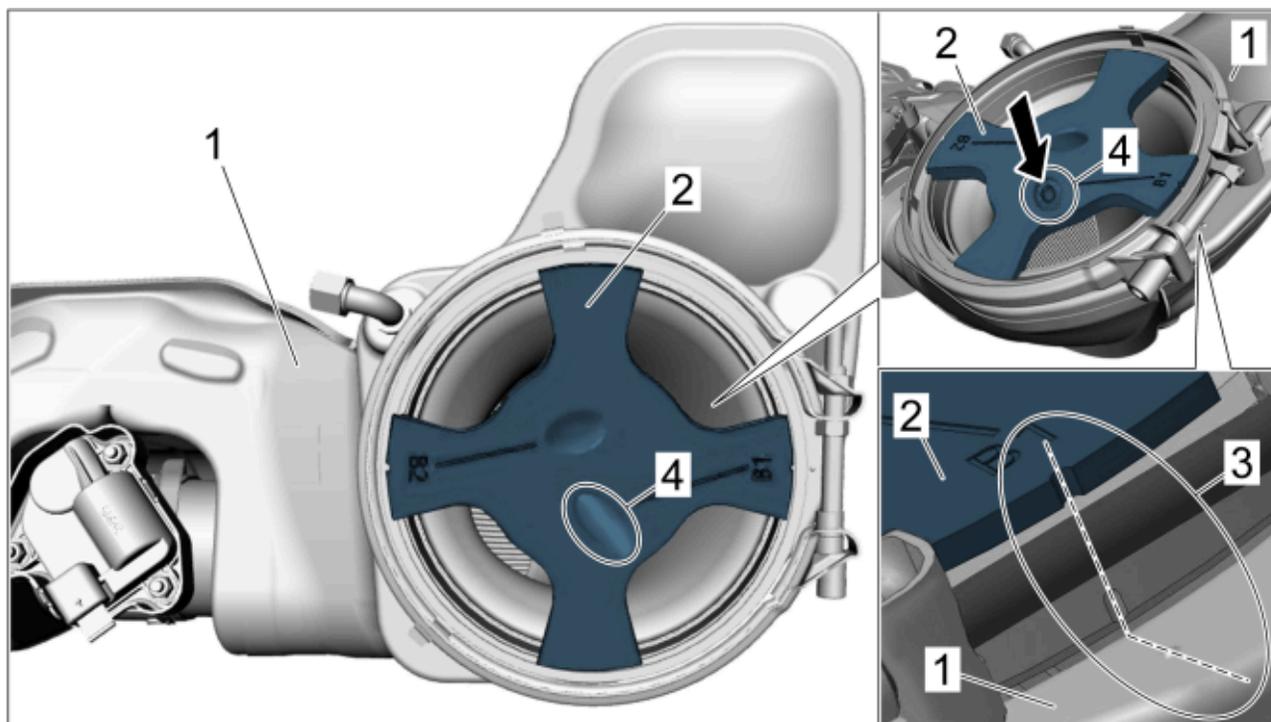
Reworking rear silencer



Information

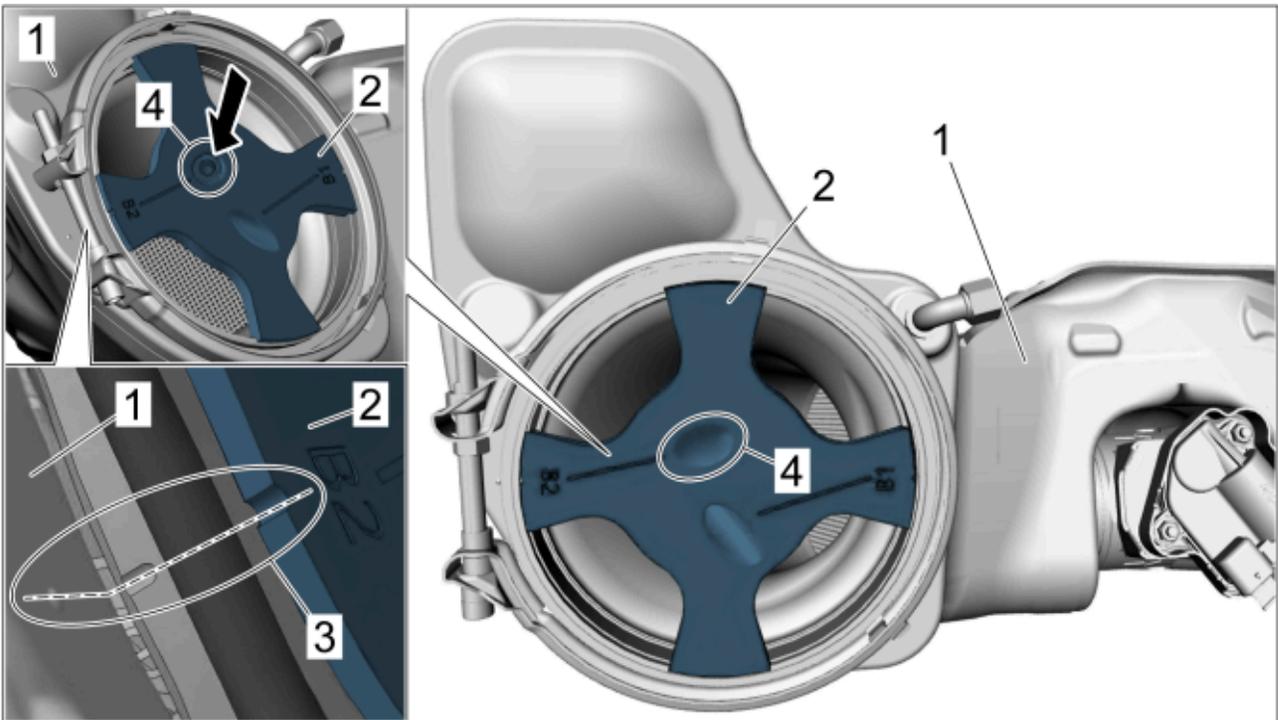
The objective of the rework is to make one 8 mm hole on each of the inner sides of the rear silencer. The 1 mm thick inner panel of the rear silencer is pierced and the differential pressure pipe behind it is exposed.

- Work Procedure:
- 1 Remove rear silencer and place it aside securely.
⇒ *Workshop Manual '263319A8 Removing and installing rear silencer'*
 - 2 Rework rear silencer ⇒ *Reworking rear silencer on cylinder side bank 1 -1-* with drilling template ⇒ *Reworking rear silencer on cylinder side bank 1 -2-* on cylinder side bank 1, on the left in the direction of travel.



Reworking rear silencer on cylinder side bank 1

- 2.1 Align the drilling template ⇒ *Reworking rear silencer on cylinder side bank 1 -2-* with the "B1" side on the rear silencer ⇒ *Reworking rear silencer on cylinder side bank 1 -1-* according to the markings ⇒ *Reworking rear silencer on cylinder side bank 1 -3-*.
- 2.2 Using a pointed, waterproof felt-tip pen with a shaft diameter of Ø 15 mm (e.g. Edding pen 3000 Ø 15 mm), insert ⇒ *Reworking rear silencer on cylinder side bank 1 -4-* a marking ⇒ *Reworking rear silencer on cylinder side bank 1 -Arrow-* on the inside of the rear silencer through the ⇒ *Reworking rear silencer on cylinder side bank 1 -1-* pen guide.
- 2.3 Remove ⇒ *Reworking rear silencer on cylinder side bank 1 -2-* drilling template.
- 3 Rework rear silencer ⇒ *Reworking rear silencer on cylinder side bank 2 -1-* with drilling template ⇒ *Reworking rear silencer on cylinder side bank 2 -2-* on cylinder side bank 2, on the right in the direction of travel.



Reworking rear silencer on cylinder side bank 2

- 3.1 Align the drilling template \Rightarrow *Reworking rear silencer on cylinder side bank 2 -2-* with the "B2" side on the rear silencer \Rightarrow *Reworking rear silencer on cylinder side bank 2 -1-* according to the markings \Rightarrow *Reworking rear silencer on cylinder side bank 2 -3-*.
 - 3.2 Using a pointed, waterproof felt-tip pen with a shaft diameter of \varnothing 15 mm (e.g. Edding pen 3000 \varnothing 15 mm), insert \Rightarrow *Reworking rear silencer on cylinder side bank 2 -4-* a marking \Rightarrow *Reworking rear silencer on cylinder side bank 2 -Arrow-* on the inside of the rear silencer through the \Rightarrow *Reworking rear silencer on cylinder side bank 2 -1-* pen guide.
 - 3.3 Remove \Rightarrow *Reworking rear silencer on cylinder side bank 2 -2-* drilling template.
 - 4 Grain markings for hole on both sides of the rear silencer.
 - 5 Cover catalytic converter to prevent contamination/damage from drilling.
- i** **Information**
The ceramic catalytic converter used is made of brittle material.
 If the catalytic converter is damaged during drilling, the rear silencer must be replaced.
- 6 Position bore with \varnothing 8 mm metal drill as vertically as possible to the surface, in doing so only drill \Rightarrow *Bore with pressure pipe lying behind it -1-* through the inner panel of the rear silencer, which is approximately 1 mm thick.

After the rear silencer inner panel has been drilled ⇒
Bore with pressure pipe lying behind it -1- through, the connection to the differential pressure pipe is ⇒ *Bore with pressure pipe lying behind it -2-* visible.

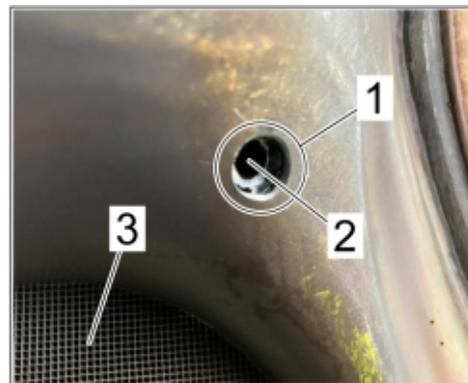
- 1 – Drill hole 8 mm in rear silencer inner panel
- 2 – Exposed connection to differential pressure pipe
- 3 – Catalytic converter

7 Repeat work steps 5 and 6 on the other side.

8 Deburr both holes and thoroughly remove chips from the area.

9 Install rear silencer.
 ⇒ *Workshop Manual '263319A8 Removing and installing rear silencer'*

End of action.



Bore with pressure pipe lying behind it

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
26330140	Checking rear silencer	
26334940	Reworking rear silencer	

PCSS encryption:

Location (FES5)	26330	Rear silencer
Damage type (SA4)	1031	incorrectly connected, mixed up

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