

Error Message "Engine Power Reduced", Fault Memory Entry "Exhaust Flap Actuator" (P047600 / P04A000) in DME Control Unit (32/26)

Vehicle Type: **911 GTS (992)**
911 4 GTS (992)
911 Turbo S (992)

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

Concerns: **Exhaust flap actuator**

Information: **The customer complains about the fault message "Engine power reduced" in the instrument cluster.**
 One or both of the following fault memory entries is stored in the fault memory of the DME control unit:

- **P047600** - Exhaust flap actuator, bank 1, deviation from setpoint position or jammed
- **P04A000** - Exhaust flap actuator, bank 2, deviation from setpoint position or jammed

Action: If there is a customer complaint, check the affected exhaust flap actuator and, depending on the test result, replace it if necessary.

Preparatory work

- Work Procedure: 1 Connect and switch on the battery charger.
 ⇒ *Workshop Manual '270689A4 Charge battery and vehicle electrical system'*
- 2 Place original remote control in emergency start tray.
- 3 Connect **P90999 - Porsche Tester 4**, switch on the ignition and start the diagnostic application.

Check the exhaust flap actuator and replace if necessary (911 GTS / 911 4 GTS).

Work Procedure: 1 Perform a drive link test on the affected exhaust flap actuator.

Assessment		Action
(✓)	The drive link test was performed without abnormalities.	Continue with action action step ⇒ 2.
(x)	The drive link test shows the result "jamming exhaust flap".	Continue with action step ⇒ 3.

- 2 Re-teach actuators for exhaust flaps, delete fault memory and re-evaluate the fault after the test drive.

Assessment		Action
(✓)	The fault does not occur again.	Exhaust flap actuators OK. End of action.
(x)	The fault occurs again.	Determine and document the temperature at the exhaust flap actuator during the complaint, e.g. using an infrared thermometer. Then continue with action step ⇒ 3.

- 3 Remove the rear apron.
⇒ *Workshop Manual '635519A1 Removing and installing the rear apron'*



Information

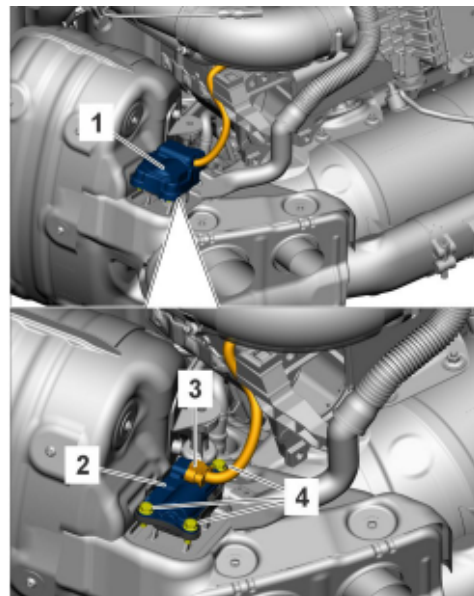
No parts are required for removing and installing the rear apron

- 4 Visually inspect the affected exhaust flap actuator for damage.

Assessment		Action
(✓)	There is no visible damage to the exhaust flap actuator.	Continue with action step ⇒ 5.
(x)	There is visible damage to the exhaust flap actuator.	Replace exhaust flap actuator. For work procedure, see: ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuators'</i> End of action.

- 5 Remove affected exhaust flap actuator.
⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuators'*

- 6 Fit the electric plug connection ⇒ Exhaust flap actuator (shown as "installed") -3- to the removed exhaust flap actuator ⇒ Exhaust flap actuator (shown as "installed") -2- until it locks perceptibly.
- 7 Repeat drive link test on the affected exhaust flap actuator.



Exhaust flap actuator (shown as "installed")

Assessment		Action
(✓)	The drive link test was performed without abnormalities.	Continue with action step ⇒ 8.
(✗)	The drive link test shows the result "jamming exhaust flap".	<p>Determine and document the temperature at the exhaust flap during the complaint, e.g. using an infrared thermometer.</p> <p>Then replace the exhaust flap actuator. For work procedure, see: ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuators'</i></p> <p>End of action.</p>

- 8 Check the exhaust flap mechanism for damage, clearance or blockage.

Assessment		Action
(✓)	The exhaust flap mechanism is OK.	Continue with action step ⇒ 9.
(x)	The exhaust flap mechanism is not OK:	Determine and document the temperature at the exhaust flap during the complaint, e.g. using an infrared thermometer. Then replace the affected rear muffler. For work procedure, see: ⇒ <i>Workshop Manual '263319A8 Removing and installing rear muffler'</i> End of action.

- 9 Install the affected exhaust flap actuator.
⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuators'*

- 10 Re-teach actuators for exhaust flaps, delete fault memory and re-evaluate the fault after the test drive.

Assessment		Action
(✓)	The fault does not occur again.	Exhaust flap actuators OK. Any pre-existing stresses that led to the jamming of the exhaust flap may have been relieved by removing and installing the affected exhaust flap actuator. End of action.
(x)	The fault occurs again.	Determine and document the temperature at the exhaust flap actuator during the complaint, e.g. using an infrared thermometer. Then replace the exhaust flap actuator. For work procedure, see: ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuators'</i> End of action.

Check exhaust flap actuator and replace it if necessary (911 Turbo S)



Information

No parts are required for removing and installing the rear muffler for the charge air cooler.

Work Procedure: 1 Perform a drive link test on the affected exhaust flap actuator.

Assessment		Action
(✓)	The drive link test was performed without abnormalities.	Continue with action action step ⇒ 2.
(X)	The drive link test shows the result "jamming exhaust flap".	<p>Only for left exhaust flap actuator: Continue with action step ⇒ 3.</p> <p>Only for right exhaust flap actuator: Continue with action step ⇒ 4.</p>

2 Re-teach actuators for exhaust flaps, delete fault memory and re-evaluate the fault after the test drive.

Assessment		Action
(✓)	The fault does not occur again.	Exhaust flap actuators OK. End of action.
(X)	The fault occurs again.	<p>Determine and document the temperature at the exhaust flap actuator during the complaint, e.g. using an infrared thermometer.</p> <p>Only for left exhaust flap actuator: Then continue with action step ⇒ 3.</p> <p>Only for right exhaust flap actuator: Then continue with action step ⇒ 4.</p>

Only for left exhaust flap actuator:

3 Remove rear muffler.
⇒ *Workshop Manual '263319A8 Removing and installing rear muffler'*



Information

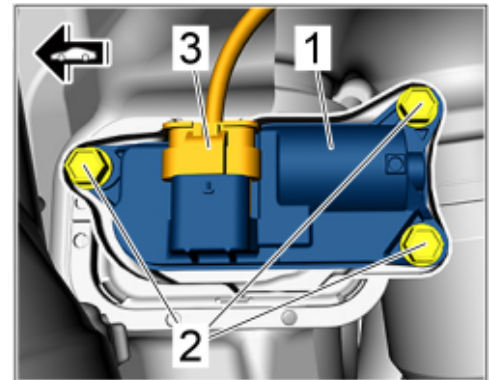
In order to be able to carry out a meaningful visual inspection of the actuator for the left exhaust flap, it is **essential** to remove the rear muffler completely.

Only for right exhaust flap actuator:

- 4 Remove charge air cooler.
⇒ *Workshop Manual '214319A2 Removing and installing charge air cooler'*
- 5 Visually inspect the affected exhaust flap actuator for damage.

Assessment		Action
(✓)	There is no visible damage to the exhaust flap actuator.	Continue with action step ⇒ 6.
(x)	There is visible damage to the exhaust flap actuator.	Replace exhaust flap actuator. For work procedure, see: ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuators'</i> End of action.

- 6 Remove affected exhaust flap actuator.
⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuators'*
- 7 Fit the electric plug connection ⇒ *Exhaust flap actuator (shown as "installed") -3-* to the **removed** exhaust flap actuator ⇒ *Exhaust flap actuator (shown as "installed") -1-* until it locks perceptibly.
- 8 Repeat drive link test on the affected exhaust flap actuator.



Exhaust flap actuator (shown as "installed")

Assessment		Action
(✓)	The drive link test was performed without abnormalities.	Continue with action step ⇒ 9.
(x)	The drive link test shows the result "jamming exhaust flap".	Determine and document the temperature at the exhaust flap actuator during the complaint, e.g. using an infrared thermometer. Then replace the exhaust flap actuator. For work procedure, see: ⇒ <i>Workshop Manual '265119 Removing and installing exhaust flap actuators'</i> End of action.

- 9 Check the exhaust flap mechanism for damage, clearance or blockage.

Assessment		Action
(✓)	The exhaust flap mechanism is OK.	Continue with action step ⇒ 9.
(✗)	The exhaust flap mechanism is not OK:	<p>Determine and document the temperature at the exhaust flap during the complaint, e.g. using an infrared thermometer.</p> <p>Only for left exhaust flap actuator: Then replace the rear muffler. For work procedure, see: ⇒ <i>Workshop Manual '263319A8 Removing and installing rear muffler'</i></p> <p>Only for right exhaust flap actuator: Then replace the right tailpipe.</p> <p>End of action.</p>

- 10 Install the affected exhaust flap actuator.
 ⇒ *Workshop Manual '265119 Removing and installing exhaust flap actuators'*
- 11 Re-teach actuators for exhaust flaps, delete fault memory and re-evaluate the fault after the test drive.

Assessment		Action
(✓)	The fault does not occur again.	<p>Exhaust flap actuators OK.</p> <p>Any pre-existing stresses that led to the jamming of the exhaust flap may have been relieved by removing and installing the affected exhaust flap actuator.</p> <p>End of action.</p>
(✗)	The fault occurs again.	<p>Determine and document the temperature at the exhaust flap actuator during the complaint, e.g. using an infrared thermometer.</p> <p>Only for left exhaust flap actuator: Then replace the rear muffler. For work procedure, see: ⇒ <i>Workshop Manual '263319A8 Removing and installing rear muffler'</i></p> <p>Only for right exhaust flap actuator: Then replace the right tailpipe.</p> <p>End of action.</p>

Labor positions and PCSS encryption

Labor position:

APOS	Labor operation	I No.
26510140	Re-teach exhaust flap actuators and check them again	
26510141	Visually inspect exhaust flap actuator.	
26510143	Remove and check left exhaust flap actuator	
26510142	Remove and check right exhaust flap actuator	
26510145	Remove and check left exhaust flap actuator (2x)	
26510144	Remove and check right exhaust flap actuator (2x)	
26510147	Remove and check left exhaust flap actuator (2x), and replace rear muffler	
26510146	Remove and check right exhaust flap actuator (2x), and replace right tailpipe	

PCSS encryption:

Location (FES5)	26510	Exhaust flap actuator
Damage type (SA4)	1613	does not function from time to time

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