

**Mode Switch on Multi-Function Steering Wheel is Not Working Intermittently / Permanently - Check Electric Plug Connection for Mode Switch (16/26)**

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

Model Year: **As of 2024 up to 2026**

Concerns: **Mode switch**

Complaint: **The customer complains that the mode switch on the multi-function steering wheel does not work intermittently or permanently.**

Cause: Due to potentially incorrect handling during assembly, there may be an incorrect contact of the electric plug connection of the mode switch to the steering wheel control unit.

Remedial Action: Disconnect and check the electric plug connection of the mode switch on the steering wheel control unit, re-insert it and proceed according to the test result.

**Required tools**

Tools: 

- Torque wrench, 2-10 Nm (2-8 ftlb.), e.g., **V.A.G 1783 - Torque wrench, 2-10 Nm (2-8 ftlb.)**

**Additional tools required for replacing the mode switch:**

- **Nr.32 - Multiple-tooth socket-wrench insert**
- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e. g. **V.A.G 1331A - Torque wrench, 6-50 Nm (4.5-37 ftlb.)**

**Required parts as necessary**



**Information**

No parts are required for testing the mode switch.

**Required parts for replacing the mode switch:**

Part No.	Designation – Location of use	Quantity
992 919 680X XXX*	⇒ Switch on steering wheel	1 piece(s)
N 90799102	⇒ Countersunk screw with internal serration, self-locking M18 x 1.5 x 18 – Steering wheel	1 piece(s)

\*Determine the variant of the mode switch required for the respective vehicle using the vehicle identification number in the Porsche Spare Parts Catalogue (PET2).

**Checking electric plug connection for mode switch**

Work Procedure: 1 Remove driver's airbag unit. ⇒ *Workshop Manual '695819A2 Removing and installing driver's airbag unit'*

2 Remove horn plate ⇒ *Remove horn plate (shown on removed steering wheel) -1-*.

2.1 Disconnect electric plug connection ⇒ *Remove horn plate (shown on removed steering wheel) -2-* from tag connector.

2.2 Unscrew screws ⇒ *Remove horn plate (shown on removed steering wheel) -3-*.

2.3 Carefully remove horn plate together with the springs underneath it.

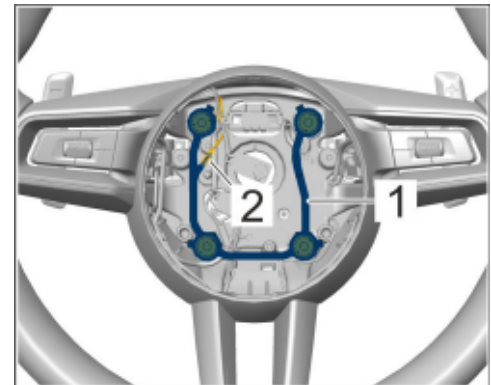


*Remove horn plate (shown on removed steering wheel)*

3 Remove panel ⇒ *Removing panel (shown on removed steering wheel) -1-*.

3.1 Disconnect electric plug connection ⇒ *Removing panel (shown on removed steering wheel) -2-* from tag connector.

3.2 Remove ⇒ *Removing panel (shown on removed steering wheel) -1-* panel.



*Removing panel (shown on removed steering wheel)*

4 Release and disconnect ⇒ *Releasing and disconnecting electric plug connection of mode switch.* Connect electric plug connection for mode switch -1- electric plug connection of mode switch

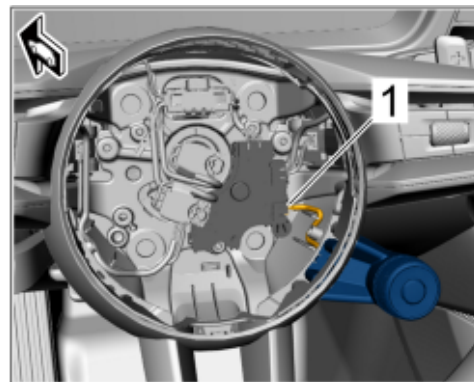
5 Check electric plug connection of mode switch for damage.



**Information**

When checking the electric plug connection, pay particular attention to the following points with regard to possible damage:

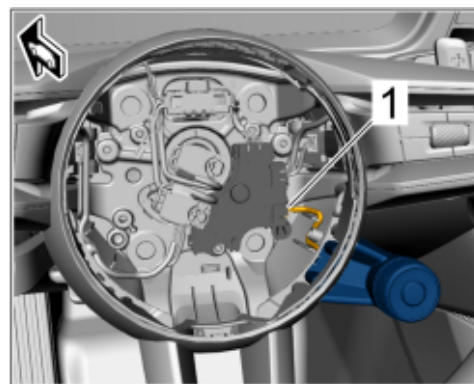
- Connector housing broken or warped
- Plug connection pins widened or loose
- Electric lines (cable) crimped incorrectly (are not firmly connected to the corresponding pins)



*Releasing and disconnecting electric plug connection of mode switch.*

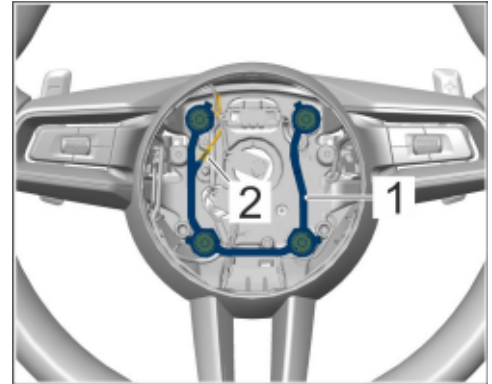
Assessment		Action
(✓)	There is <b>no</b> visible damage to the electric plug connection of mode switch.	Continue with Step ⇒ 6.
(x)	Electric plug connection of mode switch is damaged.	<p><b>Mode switch is not OK.</b></p> <p>Replace mode switch. For work procedure, see: ⇒ <i>Workshop Manual '481037A1 Disassembling and assembling steering wheel'</i></p> <p><b>End of action.</b></p>

6 Connect electric plug connection for mode switch ⇒ *Releasing and disconnecting electric plug connection of mode switch.* Connect electric plug connection for mode switch -1- until it locks securely.



*Connect electric plug connection for mode switch*

- 7 Install panel ⇒ *Installing panel (shown on removed steering wheel) -1-*.
  - 7.1 Position panel ⇒ *Installing panel (shown on removed steering wheel) -1-* in steering wheel.
  - 7.2 Connect electric plug connection ⇒ *Installing panel (shown on removed steering wheel) -2-* to connector lug.



*Installing panel (shown on removed steering wheel)*

- 8 Install horn plate ⇒ *Install horn plate (shown on removed steering wheel) -1-*.
  - 8.1 Position horn plate together with the springs and check that they are seated correctly.
  - 8.2 Screws ⇒ *Install horn plate (shown on removed steering wheel) -3-* : If necessary, remove remaining locking screw and coat with Loctite 221 (= low-strength).
  - 8.3 Screw ⇒ *Install horn plate (shown on removed steering wheel) -3-* in screws and tighten **horn plate screws 3.5 Nm (2.6 ftlb.)**.
  - 8.4 Connect electric plug connection ⇒ *Install horn plate (shown on removed steering wheel) -2-* to connector lug.



*Install horn plate (shown on removed steering wheel)*

- 9 Install driver's airbag unit. ⇒ *Workshop Manual '695819A2 Removing and installing driver's airbag unit'*
- 10 Switch on ignition and check mode switch function again.

Assessment		Action
(✓)	Function of the mode switch fully restored.	<b>Mode switch is OK.</b> <b>End of action.</b>
(x)	Mode switch is only partially functioning or not functioning at all.	<b>Replace mode switch.</b> For work procedure, see: ⇒ <i>Workshop Manual '481037A1 Disassembling and assembling steering wheel'</i> <b>End of action.</b>

**Labor position and PCSS encryption**

Labor position:

<b>APOS</b>	<b>Labor operation</b>	<b>I No.</b>
48100141	Checking electric plug connection for mode switch	
48104940	Checking electric plug connection for mode switch and replacing mode switch	
48104941	Checking electric plug connection for mode switch, checking function again and replacing mode switch	

PCSS encryption:

<b>Location (FES5)</b>	4810C	Steering wheel
<b>Damage type (SA4)</b>	1611	does not function

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