

Malfunction Indicator Lamp (MIL) Activates Together With Fault Memory Entry “P045600 / P044200” or a Smell of Fuel Around the Cap (150/22)

Vehicle Type: **Carrera (992)
Panamera (971)
Macan (95B)
Cayenne (9YA/9YB)**

Model Year: **As of 2021 up to 2022**

Concerns: **Cap for fuel tank**

Information: Vehicles **with** M-no. 2G4 (INSERT LEAD-FREE OPERATION.- CARB-DIAGNOSIS:):

- Customers complain that the Malfunction Indicator Lamp (MIL)/ Check Engine Light will light up, and one of the following fault memory entries is stored in the fault memory of the engine electronics control unit (DME). **P045600** - Tank system micro leak **or P044200** - Tank system fine leak

Vehicles **without** M-no. 2G4 (INSERT LEAD-FREE OPERATION.- CARB-DIAGNOSIS:):

- There may be a smell of fuel outside the vehicle close to the fuel tank cap.

This may be caused by a defect in the cap on the fuel tank.



Information

There is no fuel leak at any time via the cap of the fuel tank in the event of this fault.

Action required: In the event of a customer complaint, check the cap for damage and replace it if necessary.

Required parts, if necessary

Parts Info: **Required parts:**

Part No.	Designation - Location	Number
992201550F	⇒ Cap with retaining strap for fuel tank - Cap (green) not installed - M-no. 2G4 (INSERT LEAD-FREE OPERATION. - CARB-DIAGNOSIS:) and without - M-No. 0K3 (Hybrid drive system PHEV)	1 piece

or

992201550G	⇒ Cap with retaining strap for fuel tank - Cap (blue) - M-no. 2G4 (INSERT LEAD-FREE OPERATION. - CARB-DIAGNOSIS:)	1 piece
or		
992201550H	⇒ Cap with retaining strap for fuel tank - Cap (black) - M-No. OK3 (Hybrid drive system PHEV)	1 piece

Check the cap

Work Procedure: 1 Open the filler flap on the vehicle.

WARNING

Highly flammable or explosive materials

- **Danger of fire or explosion**
- ⇒ **Avoid contact with hot parts or sources of ignition.**
- ⇒ **Use suction to remove ignitable vapors.**
- ⇒ **Attach warning sign in a clearly visible position.**

- 2 Open the cap and check for damage ⇒ *Damaged cover.*

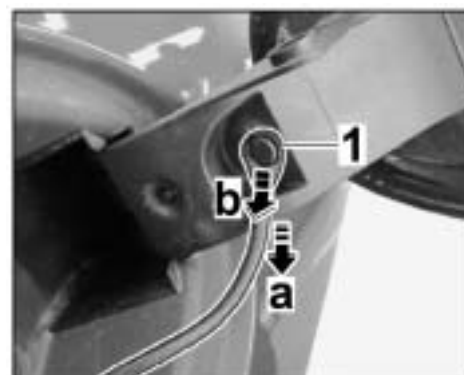


Damaged cover

Assessment		Action
(✓)	There is no visible damage to the cap.	Fault finding must be continued otherwise. Close the cap.
(✗)	Damage is visible on the cap.	Replacing the cap. Continue with Step 3.

3 Removing previous cap (shown with Cayenne retaining strap ⇒ *Removing retaining strap for Cayenne cap -1-*).

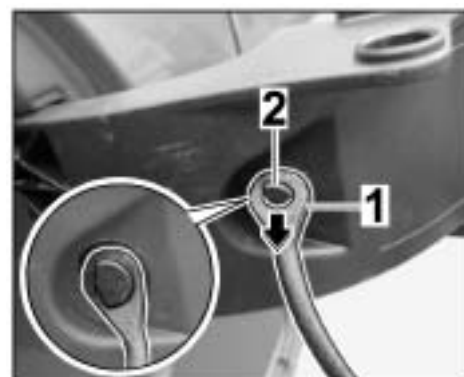
3.1 Pull the retaining strap ⇒ *Removing retaining strap for Cayenne cap -1-* down carefully ⇒ *Removing retaining strap for Cayenne cap -Arrow a-* and then swivel the ring up over the retaining pivot ⇒ *Removing retaining strap for Cayenne cap -Arrow b-*.



Removing retaining strap for Cayenne cap

4 Install **new** cap on the vehicle (shown with Cayenne retaining strap ⇒ *Installing retaining strap for Cayenne cap*).

4.1 Position small ring ⇒ *Installing retaining strap for Cayenne cap -1-* on the retaining pivot ⇒ *Installing retaining strap for Cayenne cap -2-*, pull it down carefully and guide it over the retaining pivot ⇒ *Installing retaining strap for Cayenne cap -2-*.



Installing retaining strap for Cayenne cap

4.2 Install new cap on the filler neck and screw it on tight.

5 Close fuel tank cap.

Invoicing

For documentation and invoicing in the event of a warranty, state the work items required depending on the scope of work and the specified PCSS encryption in the warranty claim:

APOS	Labor operation	I No.
20051900	Removing and installing the sealing cap	

PCSS encryption:

Location (FES5)	20050	Cap
Damage type (SA4)	5051	Fuel leak

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