

Active Malfunction Indicator Light in Conjunction with Fault Memory Entries Regarding Brake Booster "U01B400" and "C114113" (105/25)

Model Line: **Taycan (Y1A/Y1B/Y1C)**

Model Year: **As of 2020**

Concerns: **Brake booster**

Situation: **Customers complain about the malfunction indicator light lighting up on the instrument cluster.**
In addition, the fault memory entries listed below are stored:

Porsche Stability Management (PSM) control unit:

- **U01B400** - Brake booster control unit, no communication (C1B400)

Brake booster control unit (EBKV):

- **C114113** - Control unit not shut down correctly (02FF00)



Information

The local overrun of the brake booster was not completed. Subsequently, the fault memory entry "**C114113** - Control unit not shut down correctly (02FF00)" is set and the malfunction indicator light is activated.

It is not necessary to replace the brake booster with this fault pattern.

Action: If there is a customer complaint and if the fault memory entries listed are entered in the control units, delete the fault memory using the procedure described below.

Required tools

- Tools:
- **P90999 - Porsche Tester 4**
 - Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Delete fault memory

Work Procedure: 1 End and restore readiness for operation.

**Information**

After the ignition has been switched off, there must not be any functions that keep the vehicle awake active.

The brake booster then switches to local overrun and continues to provide braking force reinforcement for **approx. one minute**. At the end of this minute, the brake booster is switched off and local overrun is completed.

- 2 After about one minute, check whether the overrun is finished. To do this, press the footbrake.
 - If the brake booster is still present, ⇒ extend waiting time and then check again. The local overrun was not yet completed in this case.
 - If the brake booster is no longer present ⇒ continue to step 3⇒ .
- 3 Switch on and connect battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*
- 4 Connect **P90999 - Porsche Tester 4**, establish readiness for operation and start the diagnostic application.

**Information**

The fault memory entry "**C114113** - Control unit not shut down correctly (02FF00)" is now passive and can be deleted.

- 5 Read out and erase the fault memories of the control units.
- 6 End the diagnostic application, end readiness for operation and disconnect **P90999 - Porsche Tester 4** from the vehicle.
- 7 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
47700140	Read out and delete the fault memory	

PCSS encryption:

Location (FES5)	47700	Brake booster
Damage type (SA4)	1614	Function not according to specification

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