

Operational Readiness Cannot be Established: Error Memory Entry "B14D7F0" - Reset the Connect Control Unit (135/23)

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

Model Year: **As of 2020 up to 2024**

Concerns: **Connect control unit**

Information: **Customers or dealers complain that after pressing the Start Stop button, the instrument cluster remains black and the vehicle cannot be started.**

The following entry is stored in the rear end electronics control unit (BCM2) error memory:

- B14D7F0 - Connect control unit, engine immobilizer active (020056)

Cause: Due to an internal communication problem in the Connect control unit, requests from the engine immobilizer may in rare cases not be handled, and the engine immobilizer remains active.

Action: If the event of a complaint, run the "Control unit, Reset" tester routine in the Connect control unit using the PIWIS Tester.



Information

Minimum requirement: PIWIS Tester Software Version **42.100.011**

Required tools

- Tools:
- **9900 - PIWIS Tester 3** or **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - 90-A battery charger**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge 12-volt lithium-ion battery (vehicle electrical system battery)'*

Reset the Connect control unit

- Work Procedure: 1 Switch on hazard lights.
- 2 Connect PIWIS Tester (PIWIS Tester software version **42.100.011** or higher) to the vehicle.



Information

Basic information on using the PIWIS Tester is described in the Workshop Manual and must be observed. ⇒ *Workshop Manual '9X00IN Basic information and procedure for control unit programming with the PIWIS Tester'*

- 3 Start diagnostics.

- 4 Under **Manual model line selection**, select **Taycan** model line, and continue with •Next” .
- 5 Select the **Connect** control unit in the control unit selection screen ('Overview' menu), and confirm with •F12” ('Next').



Information

If connection to the Connect control unit cannot be established, the headlight flasher must be actuated **every** second during steps 5 to 7.2 so that the CAN bus remains active and the connection to the Connect control unit is established and maintained.

- 6 Generate vehicle analysis log, then the menu “Expanded identification” is displayed.
- 7 Reset the **Connect control unit**.
 - 7.1 In the **“Control links check”** menu, select **“Control links”**, and confirm with •F12” (“Next”).
 - 7.2 Select **“Control unit, Reset”**, and press •F12” (“Next”) to confirm.
 - 7.3 Start the routine with •F8” ('Start'). (The display 11070 is not observed!)
 - 7.4 After running successfully, the **“Control links check”** menu opens automatically.
- 8 The Connect control unit has been reset.
- 9 After a short waiting time, establish operational readiness.
- 10 Read out and delete all control unit error memories.
 - 10.1 In the control unit selection ('Overview menu') press •F7” to call up the Additional menu.
 - 10.2 Select the “Read all error memories and delete if necessary” and press •F12” ('Next') to confirm.
- 11 End Diagnostics, and disconnect the PIWIS Tester from the vehicle.

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
91254905	Reworking control unit for external communication	

Location (FES5)	91250	External communication control unit
Damage type (SA4)	1611	does not function

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