

**Symptom in Vehicle Interior – Warning Message "Drive Control Fault" in Instrument Cluster: Re-Calibrate Electric Motor (SY 43/20)**

Model line: **Taycan (Y1A)**

Model Year: **As of 2020**

Subject: **High-voltage power electronics on front axle**

Symptom: The red warning message "Drive control fault - Park vehicle safely" lights up in the instrument cluster.  
The entry "P061B00 Internal torque interruption - malfunction (00AC80)" is stored in the fault memory of the control unit.



**Information**

The data fault code **00AC80** must be unique because several data fault codes are assigned to the fault code P061B00.

Cause: Deviating values during torque monitoring.

Remedial Action: Calibrate electric motor.

**Recalibrating electric motor**

- Work Procedure: 1 Reset calibration of the electric motor.
- 1.1 Connect the **PIWIS Tester** to the vehicle and switch on the **PIWIS Tester**.
  - 1.2 Establish operational readiness.
  - 1.3 Start diagnostics.
  - 1.4 Select "**High-voltage power electronics on front axle**" control unit.
  - 1.5 Select the ""**Drive links/checks**"" tab.
  - 1.6 Select the "**Electric motor – reset calibration**" menu item and press •F12" to continue.
  - 1.7 Set the "**Value**" column to invalid.
  - 1.8 Press •F8" to start.
  - 1.9 End operational readiness.
  - 1.10 **Disconnect the PIWIS Tester** from the vehicle.

**Information**

If calibration of the electric motor is reset, the maximum possible vehicle speed is 70 km/h (43 mph).

The warning message "Reduced speed" is displayed on the instrument cluster.

- 2 Calibrate electric motor.
  - 2.1 Accelerate the vehicle to at least 60 km/h (38 mph).
  - 2.2 Overrun phase for at least one second. The electric motor is calibrated during the overrun phase.

**Information**

The vehicle speed restriction is lifted when calibration is completed successfully.

The warning message "Reduced speed" on the instrument cluster is reset when operational readiness is ended.

**Invoicing**

Invoicing: For documentation and warranty invoicing, enter the labor operation and PQIS coding specified below in the warranty claim:

APOS	Labor operation	I No.
27892530	Programming electric drive motor	

PQIS coding:

Location (FES5)	27890	Electric drive motor
Damage type (SA4)	1613	does not function at times

References: ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*

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