

Charging Socket (Motor Locking Mechanism) for Detecting Plug Defects - Locking Issues With the Charging Plug During Charging (SY 82/25)

Model Line: **Macan (XAB)**

Model Year: **As of 2024 up to 2025**

Concerns: **Charging socket (motor locking mechanism)**

Symptom: **The customer complains about locking issues with the charging plug in the charging socket during charging. The PIN for locking the charging plug does not extend.**

In addition, fault memory entries in relation to locking the charging plug can be stored.

Remedial Action: If there is a customer complaint, replace the motor locking mechanism of the affected charging socket with an optimized component status.

Date of Introduction: From 06/23/2025, or from chassis number WP1ZZXA8SL179112, the charging socket (motor locking mechanism) with optimized component status will be used in production.

Required parts

Parts Info:	Part No.	Designation – Location of use	Quantity
	PAB915651A	⇒ Actuator for high-voltage charging plug lock – Charging socket	1 piece

Required tools

- Tools:
- **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - battery charger 90A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*
 - Torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.), e.g., **VAS 6253A - torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.)**
 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g., **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
 - Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g., **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
 - **VAS 6266A - Wheel fitting trolley**
 - **VAS 1978/1A - Crimping pliers**
 - **VAS 6558A - High-voltage measuring module**
 - **VAS 6558A/45 - High-voltage measurement adapter**
 - **VAS 6558A/46 - High-voltage measurement adapter**
 - **VAS 6558/10-1A - High-voltage test adapter**

- VAS 6558/10-2 - High-voltage test adapter
- T40262 - Locking cap

Replacing charging socket (motor locking mechanism)

Work Procedure: 1 Replace charging socket (motor locking mechanism) of the affected charging socket.
 Charging socket 1: ⇒ *Workshop Manual '935655 Replace charging socket 1 (locking-mechanism motor)'*
or
 Charging socket 2: ⇒ *Workshop Manual '935655 Replacing charging socket 2 (locking-mechanism motor)'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
93565505	Replace charging socket 1 (locking-mechanism motor)	
93565506	Replacing charging socket 2 (locking-mechanism motor)	

PCSS encryption:

Location (FES5)	93560	Charging socket
Damage type (SA4)	1611	not working

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