

## WRP6 – Replacing Electric Power Distributor Control Unit (J1282) (Stop Delivery)



### Information

**Prerequisite:** Ensure the PIWIS Tester is updated to v42.950.015 (or higher).

1. **DO NOT PERFORM A VEHICLE HANDOVER OR PDI ON THE VEHICLE AS A FIRST STEP.**
2. **WRM0 Stop Delivery** – Update to software network VR28.11. This must be performed before conducting a Vehicle Handover or PDI.
3. **Vehicle Handover is now possible**
4. **WRP6 Stop Delivery** - Replacing electric power distributor control unit (J1282)
5. **WRP7 Stop Delivery** - Replacing adhesive strips for sensor on left and right charge port door
6. **WRN2 Stop delivery** - Checking parking lock and replace drive unit if necessary
7. **WRN1 Stop Delivery** - Check rear axle drive and replace if necessary
8. **WRP8 Workshop Campaign** - Checking sliding roof and replacing control unit for sliding roof, if necessary

### Change overview:

Version	Date	Change
1	06/26/2022	<ul style="list-style-type: none"> <li>First publication</li> </ul>
2	09/18/2024	<ul style="list-style-type: none"> <li>Update of required parts</li> <li>Deletion of Work Procedure step to Remove the strut (dome strut)</li> <li>Update of Work Procedure step to Remove the vehicle electrical system battery</li> </ul>

Model Line: **Macan Electric (XAB)**

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

Concerns: **Electric power distributor control unit (J1282)**

Cause: **Due to an insufficiently designed protective diode in the electric power distributor control unit, an internal fault in the control unit is diagnosed intermittently.**  
As a result, the control unit remains permanently active and discharges the vehicle's 12-volt battery.

Action: **Replace the electric power distributor control unit (J1282).**

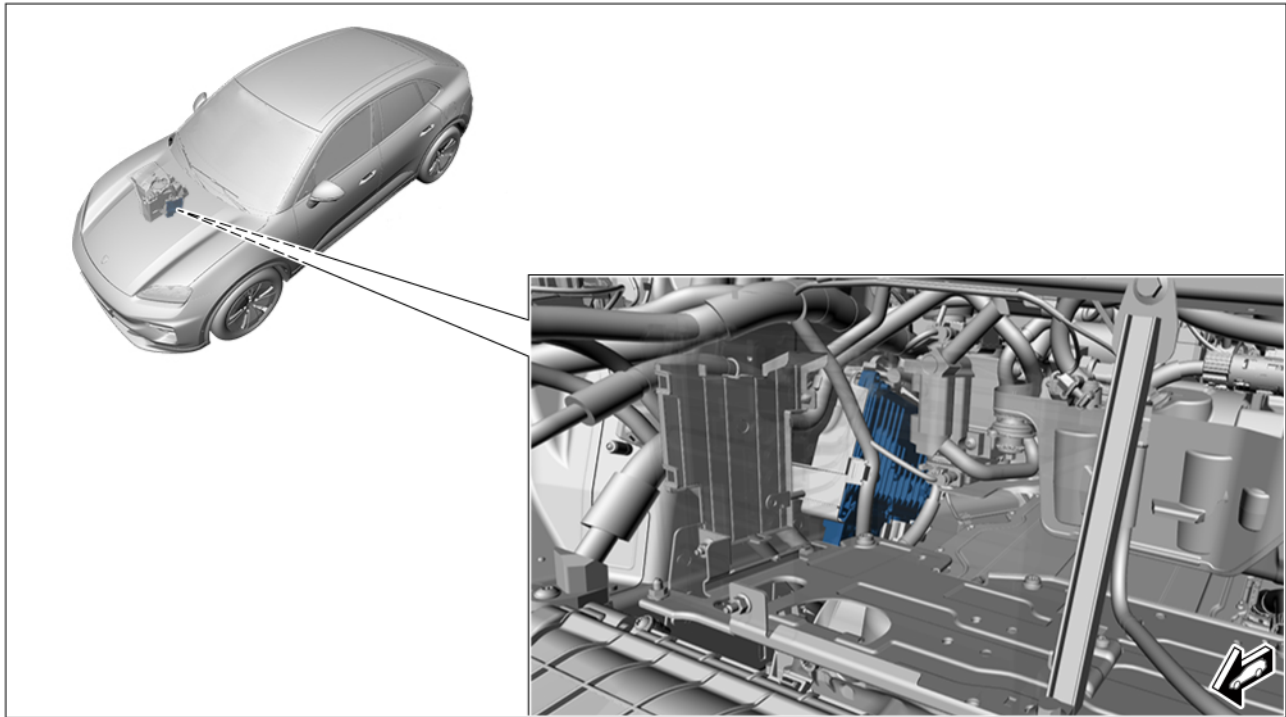
**Information**

The action can only be **carried out after the software update VR28.11 (workshop campaign WRM0)** has been carried out!

Affected  
Vehicles:

Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation  
Position:



*Installation position for electric power distributor control unit (J1282)*

**Required parts**

Parts Info:	Part No.	Designation – Location	Quantity
	V04015001NB	⇒ Control unit	1 piece

### Required tools

- Tools:
- **P90999 - PIWIS Tester 4**
  - Battery charger with a nominal rated current 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 battery and vehicle electrical system'*
  - **VAS 6935 - Pole terminal puller**
  - Torque wrench, 20-100 Nm (15-74 ftlb.), e.g., **VAS 5820A - Torque wrench, 20-100 Nm (15-74 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.)**

### Replacing electric power distributor control unit (J1282)

- Work Procedure: 1 Deactivate the high-voltage system.  
⇒ *Technical Information '931083 Deactivating and activating high-voltage system'*
- 2 Remove the luggage compartment tray.
- 2.1 Remove wiper arms.  
⇒ *Technical Information '922519 Removing and installing wiper arm'*
- 2.2 Remove the windscreen trim frame.  
⇒ *Technical Information '666119 Removing and installing windscreen trim frame'*
- 2.3 Remove the cover (cowl panel).  
⇒ *Technical Information '508719 Removing and installing cover (cowl panel)'*
- 2.4 Remove the lock carrier cover (fender flange cover).  
⇒ *Technical Information '70391901 Removing and installing lock carrier cover (cover wing flanges)'*
- 2.5 Remove the front trim.  
⇒ *Technical Information '700219 Removing and installing front trim'*
- 2.6 Remove the front lock carrier cover.  
⇒ *Technical Information '70391900 Removing and installing lock carrier cover (front)'*
- 2.7 Remove the luggage compartment light.  
⇒ *Technical Information '964019 Removing and installing luggage compartment light'*
- 2.8 Remove the luggage compartment tray.  
⇒ *Technical Information '501919 Removing and installing luggage compartment tray'*
- 3 Remove the angled support connecting the battery tray to the shock tower cross strut. Remove the battery mounting bracket. Disconnect the negative terminal from the battery and isolate with cloth tape. Remove the bolts and nuts securing the battery retaining bracket (battery protection cover). Loosen the positive terminal and electric power distributor to allow the battery to slide toward the driver's side of the vehicle.  
⇒ *Technical Information '270619 Removing and installing vehicle electrical system battery'*

- 4 Replace the electric power distributor control unit (J1282).  
For work procedure, see:  
⇒ *Technical Information '277619 Removing and installing electric power distributor'*
- 5 Install the vehicle electrical system battery.  
⇒ *Technical Information '270619 Removing and installing vehicle electrical system battery'*
- 6 Install the strut (dome strut).  
For work procedure, see:  
⇒ *Technical Information '408619 Removing and installing strut'*
- 7 Install the luggage compartment liner.
  - 7.1 Install the luggage compartment liner.  
⇒ *Technical Information '501919 Removing and installing luggage compartment tray'*
  - 7.2 Install the luggage compartment light.  
⇒ *Technical Information '964019 Removing and installing luggage compartment light'*
  - 7.3 Install the lock carrier cover (front).  
⇒ *Technical Information '70391900 Removing and installing lock carrier cover (front)'*
  - 7.4 Install the front trim.  
⇒ *Technical Information '700219 Removing and installing front trim'*
  - 7.5 Install the lock carrier cover (fender flange cover).  
⇒ *Technical Information '70391901 Removing and installing lock carrier cover (cover wing flanges)'*
  - 7.6 Install the cover (cowl panel).  
⇒ *Technical Information '508719 Removing and installing cover (cowl panel)'*
  - 7.7 Install the windscreen trim frame.  
⇒ *Technical Information '666119 Removing and installing windscreen trim frame'*
  - 7.8 Installing wiper arms.  
⇒ *Technical Information '922519 Removing and installing wiper arm'*
  - 7.9 Adjust the wiper arms.  
⇒ *Technical Information '922516 Adjusting wiper arm'*
- 8 Activate the high-voltage system.  
⇒ *Technical Information '931083 Deactivating and activating high-voltage system'*
- 9 Start up the electric power distributor control unit (J1282) with **P90999 - PIWIS Tester 4**.  
For work procedure, see:  
⇒ *Technical Information '277655 Replacing electric power distributor (J1282)'*

## Warranty processing

**Information**

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework. The labor time may differ from the labor times published in the Labor Operation List in PCSS.

Scope 1:

**Replacing electric power distributor control unit (J1282)****Labor time:**

Replacing electric power distributor control unit (J1282)

Labor time: **308 TU**

Includes: Deactivating and activating high-voltage system  
Removing and installing luggage compartment tray  
Removing and installing vehicle electrical system battery

**Required parts:**

V04015001NB

Control unit

1 piece

⇒ **Damage number WRP6 066 000 2**

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2024 Porsche Cars North America, Inc.