

WKK8 - Replacing and Teaching Remote Controls (Workshop Campaign)

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: 2020

Vehicle type: Taycan (Y1A)

Subject: Remote control

Information: There is a possibility that the "open on approach" comfort access function will not work as intended for the affected vehicles.

Remedial Action: Replace both remote controls and teach the new remote controls.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). There are 624 vehicles affected by this campaign in North America.



Information

The vehicles can also be equipped with either painted or leather-covered remote controls (I-no. AFL, AFP). If this is the case, personalized side faces on both remote controls must be applied to the new remote controls. The tasks required for this are taken into consideration in scope 2.

See PCSS Vehicle Information to find out which action scopes are allocated to the respective vehicle.

Parts required



Information

To determine the parts required depending on the allocated action scope, see ⇒ *Technical Information 'Warranty processing'*.

Part Info:	Part No.	Designation	Qty.
	9J1959753AC	⇒ Remote control (I-no. 5D8)	2 ea.

Required tools



Information

The Taycan (Y1A) is equipped as standard with a **lithium starter battery**.

Lithium starter batteries must only be charged using a **suitable battery charger** that has a current and voltage-controlled charge map.

For further information about the battery chargers to be used, see ⇒ *Workshop Manual '270689 Charging battery/vehicle electrical system'*.

Tools:

- Battery charger with a current rating of **at least 90 A** and - if required - **also with a current- and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908/ 90A battery charger**
- **9900 - PIWIS Tester 3**

Replacing both remote controls and teaching the new remote controls

Work Procedure: 1 Pull both emergency keys out of the remote controls supplied with the vehicle. ⇒ *Pulling out emergency key -arrow-*.



Pulling out emergency key

2 Screw off the battery cover on both remote controls and remove the battery ⇒ *Removing battery -arrow-*.



Removing battery

- 3 **Only for vehicles with driver's key painted in exterior color or leather-covered vehicle key (I-no. AFL, AFP):** Pull the personalized side faces outwards off both keys ⇒ *Replacing side faces* -**arrow**- and then clip them back into the new remote control.



Replacing side faces

- 4 Insert both emergency keys into the new remote controls ⇒ *Inserting emergency key.*
- 5 Connect a suitable battery charger, e.g. VAS 5908 - 90 A battery charger, to the jump-start terminals in the front luggage compartment and switch it on.
- 6 **9900 - PIWIS Tester 3** must be connected to the vehicle communication module (VCI) via the **USB cable**. Then connect the communication module to the vehicle and switch on the PIWIS Tester.



Inserting emergency key



Information

Position the **remote control** with the back facing forward upright between the holding struts in the rear cupholder (**emergency start tray**) to guarantee a permanent radio link between the vehicle and remote control ⇒ *Emergency start tray* -**arrow**-.



Emergency start tray

- 7 Teach both remote controls one after the other. For instructions, see ⇒ *Workshop Manual '966255 Replacing remote control'*.
- 8 Check that both remote controls are working correctly.
- 9 Disconnect the PIWIS Tester from the vehicle.
- 10 Switch off and disconnect the battery charger.

- 11 End driving readiness manually, lock the vehicle and leave both remote controls far enough away from the vehicle (at least 33 feet).



Information

The PCM central computer can hang when teaching the new remote controls. This can be corrected by an extended period of bus idle of at least 30 minutes. To ensure that the vehicle enters bus idle mode, both remote controls must be removed from the proximity range (vehicle is locked and door handles are retracted) of the vehicle (at least 33 feet).

- 12 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing



Information

The specified working time was determined specifically for carrying out this campaign and includes all required preliminary and subsequent work.

The working time may differ from the working time published in the Labor Operation List in PIWIS.

Scope 1:

- **Vehicles with I-no. 5D8 (carrier frequency 434 MHz)**
- **USA**

Working time:

Replacing both remote controls and teaching new remote controls

Labor time: **63 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester

Parts required:

9J1959753AC	Remote control (hand-held transmitter)	2 ea.
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⇒ **Damage Code WKK8 66 000 2**

Scope 2:

- **Vehicles with I-no. 5D8 (carrier frequency 434 MHz)**
- **Vehicles with driver's key painted in exterior color or leather-covered vehicle key (I-no. AFL, AFP)**
- **USA**

Working time:

Replacing both remote controls and teaching new remote controls

Labor time: **65 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester

Parts required:

9J1959753AC	Remote control (hand-held transmitter)	2 ea.
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Invoicing: ⇒ Damage Code WKK8 66 000, Repair Code 2

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