

WPJ1 - Teaching Component Protection and Updating Enabling Functions (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**

Model Line: **Taycan (Y1A)**

Concerns: **Teaching component protection and updating enabling functions**

Cause: **Due to a temporary fault in the backend, there is a possibility that various function activations were not available as part of the implementation of the network update on the network 19.0.1.** As a result, under certain preconditions, the vehicle could be reduced in power.

- Actions:
- Teach component protection and update activation functions with the **latest** PIWIS Tester software release.
 - Minimum requirement: Release **42.100.040**

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information)

Required tools

- Tools:
- **P90999 - P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90 A**

Teaching component protection and updating enabling functions

- Work Procedure: 1 The preconditions for teaching the component protection and updating the activation functions are described in the Workshop Manual for ⇒ *Workshop Manual 'Basic Notes and Procedure for Control Unit Programming using the PIWIS Tester'*.
- 2 Teach component protection and update enabling functions.

Important Information!
When teaching component protection, the control unit for assistance systems (zFAS) must be selected!

Model year	Control unit required for execution
2020	Assistance systems (zFAS)

**Information**

The installation of the driver's manual can be skipped.

Required PIWIS Tester software release:	42.100.040 (or higher)
Type of control unit programming:	Control unit programming using the ' Campaign ' function in the additional menu on the PIWIS Tester by entering a programming code.
Programming code:	J1K3T
Expiry: The instructions for selecting the required control unit for teaching component protection must always be observed!	<p>Read and follow the information and instructions on the PIWIS Tester during the guided procedure.</p> <ul style="list-style-type: none"> • Teaching component protection • Updating enabling functions • Installation of the driver's manual (can be skipped) • Automatic coding of all control units <p>A backup documentation process for the re-programmed software releases starts once programming and coding is complete.</p>
Programming time (up to):	approx. 25 minutes
Procedure in the event of error messages appearing during the programming sequence:	⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Troubleshooting"</i> .
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting the campaign sequencing.

- 3 Read out all **fault memories**, process and delete existing faults if necessary.



Information

If control units are found to have faults that are **not** caused by control unit programming, these must first be **found** and **corrected**. This work **cannot** be invoiced under the workshop campaign number.

- 4 Enter campaign in the Warranty and Maintenance logbook.

Warranty processing

Scope 1: Teaching component protection and updating enabling functions

Labor time:

Teaching component protection and updating enabling functions

Labor time: **89 TU**

- Includes:
- Connecting and disconnecting battery charger
 - Connecting and disconnecting PIWIS Tester
 - Reading out and erasing fault memories

⇒ **Damage number WPJ1 066 000 1**

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