APA5 - Re-Programming Instrument Cluster (Recall 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: **As of 2020 up to 2023**

Model Line: **Taycan (Y1A / Y1B)**

Concerns: **Instrument cluster control unit**

Cause: **Due to a software error in the instrument cluster on affected vehicles, the brake wear symbol is not displayed in accordance with local legal requirements.**

The brake wear symbol is displayed in the instrument cluster in the wrong warning light variant and in the wrong color.

Action: Re-program instrument cluster using an updated data record.

Information

Every vehicle is **assigned to exactly one campaign scope**.

To find out which scope is assigned to the vehicle, see PCSS Vehicle Information.

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

Required tools

Tool:

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

Re-programming instrument cluster - Scope 1

Information

As part of the network update to VR19.0.1 (campaigns ANA6, WNJ8 and WNK1), the instrument cluster control unit is programmed to target software version 0663. As a result, no further action is required through campaign APA2.
After implementing campaign ANA6, WNJ8 or WNK1, APA2 in Scope 2 is to be marked as completed.

1 Carry out **APA2** campaign. Invoice the costs incurred via the APA2 campaign.

2 Enter the campaign in the Warranty and Maintenance logbook.

Re-programming instrument cluster - Scope 2

1 The basic procedure for control unit programming is described in the Workshop Manual ⇒ *Workshop Manual '9X00IN Basic Instructions and Procedure for Control Unit Programming Using the PIWIS Tester'*.

For specific information on control unit programming during this campaign, see the table below.

Required PIWIS Tester software version:	**41.900.040** (or higher)
Type of control unit programming:	Control unit programming using the **"Automatic programming" function** of the instrument cluster control unit.
Programming sequence:	Read and follow the **information and instructions on the PIWIS Tester** during the guided programming sequence. **Do not interrupt programming and coding.** A backup documentation process for the re-programmed software versions starts once the programming and coding is complete.
Programming time (approx.):	**28 minutes**

Software version programmed during this campaign:	• Instrument cluster control unit: **0663** Following control unit programming, the software release can be read out from the relevant control unit in the “Incremented identifications” menu using the PIWIS Tester.
Procedure in the event of error messages appearing during the programming sequence:	⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*.
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting programming.

2 Read out and delete all control unit error memories.

2.1 In the control unit selection (‘Overview menu’) press •F7 “ to call up the Additional menu.

2.2 Select the function “Read all error memories and delete if necessary” and press •F12 “ (“Next”) to confirm.

3 Enter the campaign in the Warranty and Maintenance logbook.

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 working times published in the Labor Times in the PCSS.

Scope 1: Re-programming instrument cluster

- Only valid for vehicles for which recall campaign APA2 has **not yet** been carried out.

Labor time:

Re-programming instrument cluster — Labor time: **26 TU**
Includes: Operation test
Complete Warranty and Maintenance logbook

⇒ **Damage number APA5 099 000 1**

Scope 2: Re-programming instrument cluster

Labor time:

Re-programming instrument cluster		Labor time: **89 TU**
Includes:	Connecting and disconnecting battery charger	
	Connecting and disconnecting PIWIS Tester	
	Reading out and erasing fault memories	

⇒ **Damage number APA5 099 000 1**