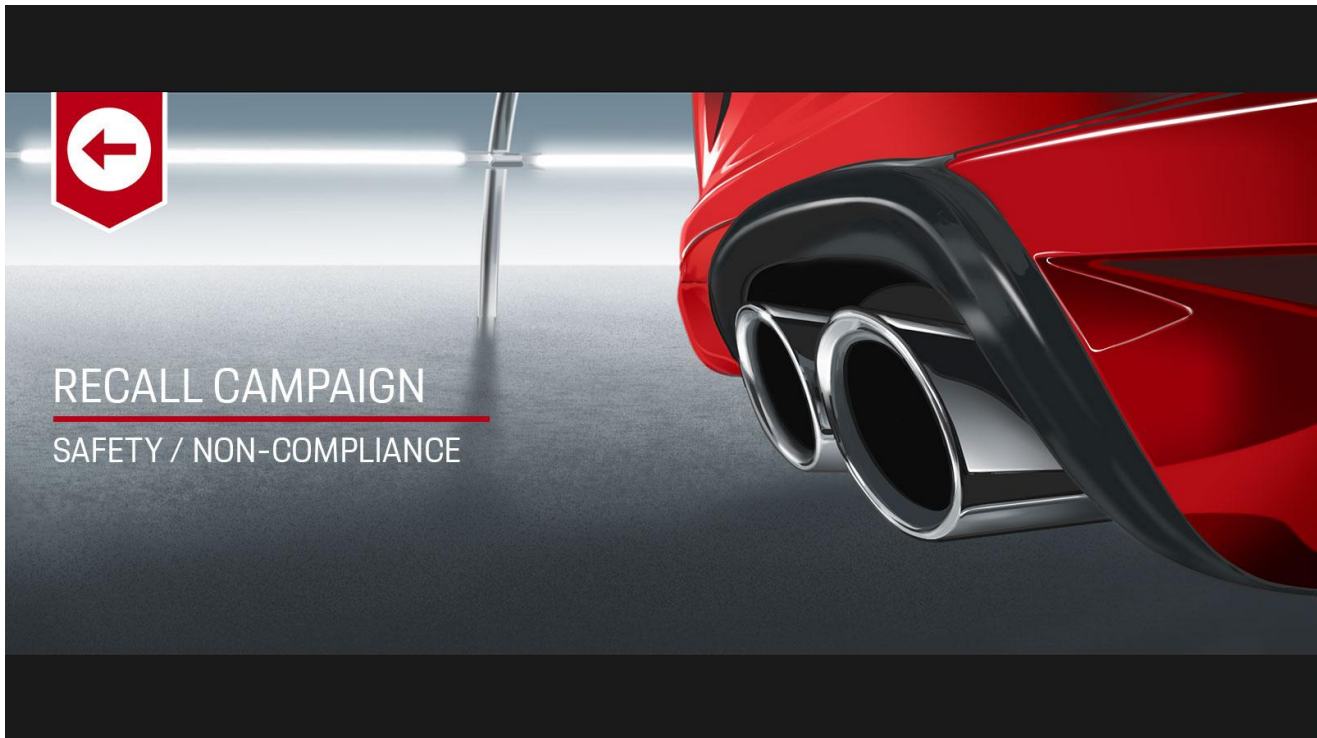


# AMB5 Stop delivery / Recall campaign - Reprogramming power electronics



## **AMB5 Stop Delivery/Recall campaign - Reprogramming power electronics**

### **IMPORTANT REMINDER**

**IT IS A VIOLATION OF FEDERAL LAW FOR DEALERS TO DELIVER TO CUSTOMERS NEW VEHICLES IN THEIR INVENTORY AFFECTED BY THIS NOTIFICATION UNTIL THESE VEHICLES ARE REMEDIED. DEALERS SHOULD NOT SELL, LEASE, RENT, OR LOAN ANY NEW OR**

# **USED VEHICLES IN DEALER INVENTORY AFFECTED BY THIS NOTIFICATION PRIOR TO REMEDY. DEALERS GROUNDING LEASE RETURNS SHOULD REMEDY ALL AFFECTED GROUNDED VEHICLES.**

## **Overview**

Due to a software issue that has since been corrected, the software designed to continuously monitor end-to-end communication between the safety-related ECUs in the vehicle can, in certain instances, incorrectly and sporadically detect a potentially faulty communication, set an error memory entry and trigger a shutdown of the power train, resulting in loss of motive power. To help prevent this from occurring, high-voltage power electronics must be reprogrammed with updated software.

Please arrange for this measure to be carried out on the affected vehicles immediately.

Please note that all existing vehicles on Stop Delivery AMB5 have been moved to Safety Recall AMB5 and must still be remedied prior to delivery by law.

All working scopes (1-5) are now available and can be completed.

A VIN list generated at Recall launch is attached for your reference, with campaign status listed (done vs. not done) and with customer vehicles added. The most up to date campaign completion status of AMB5 can be found in PCSS and by checking vehicle history for the VIN within PCSS.

<b>Model type</b>	Taycan (Y1A) Taycan Cross Turismo (Y1B)
<b>Model year</b>	2020 - 2021
<b>Number</b>	10,315

## **Important information regarding Workshop Campaigns WMA5 and WMA6**

Workshop campaigns WMA5 and WMA6 for programming software version VR12.1.1 will be closed with the introduction of this recall campaign AMB5 and the corresponding programming scopes and affected vehicles have been reassigned to this recall campaign AMB5.

Vehicles that were assigned to recall campaign AMB5 in the initial communication and for which workshop campaign WMA5 or WMA6 has been carried out in the interim period may no longer be affected by recall campaign AMB5, depending on the software versions of the relevant control units.

Until closed, if a vehicle is assigned to both WMA5 or WMA6 **and** AMB5, please perform and claim AMB5 and mark WMA5/WMA6 as "campaign not feasible" in PCSS/PQIS.

## Required tools

Designation	Part No./Specification/Special instructions
Battery charger	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.
PIWIS Tester 3	-
Additional tools required for the scopes reassigned from WMA5 and WMA6:	
Blank USB storage medium, type A+C 32 GB (for PCM update)	V04014999WW000
Blank USB storage medium, type C (for onboard Owner's Manual update**)	e.g. V04014999WW000

\*\* The PCM control unit software update is performed using a USB storage medium. The software version that is specific to each region must be downloaded using the software tool PiUS (Porsche Integrated Update Service) and must be installed on a blank USB storage medium.

Pay particular attention to the following:

- For this PCM software update, the USB storage medium USB Type A+C 32 GB with the part number V04014999WW000 must be used.
- To use the software tool, one blank or re-writable USB storage medium is required for each individual software update.
- The software available in PiUS must only be used in accordance with the instructions provided in a Technical Information published for this purpose.

### Blank USB storage medium for Owner's Manual update:

The current version of the onboard Driver's Manual has been available online since 5 March 2021. A blank USB storage medium is required for installing the onboard Driver's Manual (approx. 100 MB). If there is already data stored on the USB storage medium, this will be deleted during the procedure.

## Parts required (**Scopes 1 - 3 only**):

Part No.	Designation	Quantity/vehicle
WKD Y1A 00 21 21	Taycan (MY 21) Owner's Manual	1 ea.

From now on, only use the Owner's Manuals with the order number WKD Y1A 00 21 21 for the vehicles assigned to the campaign. These reflect the technical status of the vehicles following the software update.

## Required software

PIWIS Tester 3 test software version 40.350.035 (or higher)

If other programming campaigns that affect the same control unit and involve the identical procedure are open for a vehicle in addition to this campaign, the affected control unit must only be programmed once using the current PIWIS Tester test software.

In this case, **recall campaign AMB5 must always be carried out** and invoiced. The **relevant workshop campaign** must be marked accordingly as **cannot be carried out**.

Please proceed as follows for the campaigns that have not been carried out:

- Mark the campaign as 'not feasible' with the reason "Modification of the affected component" in PQIS. The "Warranty relevance" flag must be activated in order to be able to set a warranty claim and close the campaign.
- A warranty claim must be submitted for the campaign in which 0 TU is entered as the specified working time and no material items are specified.

## Warranty processing

### Information on the working time:

Generally, the working time includes all work that requires the active participation of the service technician.

This also covers all required preliminary work and subsequent work.

The working time includes the following activities during control unit programming:

- All required steps for starting or finishing programming
- Required interaction during a programming sequence
- Waiting times until programming starts
- Random check of programming status

If no further interaction by the service technician is required once control unit programming has started because programming is performed automatically, there is no need for the service technician to remain at the vehicle for the entire programming time.

**Scope 1:** Re-programming power electronics (Only relevant for **model year 20** vehicles)

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Damage code	AMB5 99 000
Repair code	1
Working time	595 TU

### **Scope 2:** Re-programming power electronics (Only relevant for **model year 20** vehicles)

Damage code	AMB5 99 000
Repair code	1
Working time	570 TU

### **Scope 3:** Re-programming power electronics (Only relevant for **model year 20** vehicles)

Damage code	AMB5 99 000
Repair code	1
Working time	527 TU

### **Scope 4:** Re-programming power electronics (Only relevant for **model year 21** vehicles)

Damage code	AMB5 99 000
Repair code	1
Working time	243 TU

### **Scope 5:** Re-programming power electronics

Damage code	AMB5 99 000
Repair code	1
Working time	105 TU

Please enter the campaign that was carried out in the Warranty and Maintenance booklet for the vehicle.

## Porsche Mobility

If requested, the mobility of the affected customer can be assured by offering a suitable replacement vehicle.

Please invoice this additional service with the campaign scope via WWS.

## Further information

Work instruction	TI No. 106/21, Group 9, Service, AMB5
Vehicle list and allocation	See PCSS or attached VIN list for reference
Technical Information	See PCSS or <a href="#">Aftersales Document Database</a> for reference