ASB2 - Re-Programming Assistance System Control Unit (Stop Delivery/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 in 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 2019 up to 2025**

Change Overview:

Revision	Date	Change
0	01/23/2026	▪ First Publication
1	02/03/2026	▪ Update to Re-programming control unit for assistance systems, Work Procedure, Step 2
2	03/10/2026	▪ Update to Affected Vehicles, added Scopes 5, 6, 9, and 10 ▪ Update to Work Procedure, Step 4, and Step 7 ▪ Update to Warranty processing, added Scopes 5, 6, and 9
3	03/30/2026	▪ Scope 10 added ▪ Update to PIWIS Tester minimum requirement software release
4	05/04/2026	▪ Scope 5 added ▪ Update to Re-programming control unit for assistance systems

Model Line: **911 (992)**
Panamera (YAA)
Taycan (Y1A, Y1B, Y1C)
Cayenne (9YA, 9YB)

Country/Market:
- USA (C02)
- Canada (C36)

Equipment: Park Assist assistance systems incl. Surround View (M-No. KA6)

Concerns: **Control unit for assistance systems**

Information: **In rare cases, one or more surround view cameras may fail on the affected vehicles due to a fault in communication within the surround view software network.**
As a result, the corresponding camera area in the PCM is displayed as a black sub-area with a crossed-out camera symbol.

Action: Re-program the control unit for assistance systems with the **latest** PIWIS Tester software release.
Minimum requirement: Version **44.000.031**

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information)
- Scope 1: valid for **Panamera (YAA)**
- Scope 2: valid for **911 (992) Gen.2 model year 2025**
- Scope 3: valid for **Taycan (Y1A, Y1B, Y1C)**
- Scope 4: valid for **Cayenne (9YA, 9YB) Gen.2**
- Scope 5: valid for **911 (992) Gen.1 model year 2020 to 2021**
- Scope 6: valid for **Cayenne (9YA, 9YB) Gen.1 with the installed software up to version 0295**
- Scope 7: Update as part of WRX1 – valid for **Cayenne (9YA, 9YB) Gen.2 model year 2024 with the open WRX1 campaign**
- Scope 8: Check required software release – valid for vehicles for which the software is already at the target status
- Scope 9: valid for **Cayenne (9YA, 9YB) Gen.1 with the software version 0295 (or higher) installed**
- Scope 10: valid for **911 (992) Gen.1 model year 2022 to 2025**

Required tools

Tools:
- **P90999 - P90999 - Porsche Tester 4**
- Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 battery charger 90 A**

Re-programming control unit for assistance systems

Work Procedure:

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 '*

2 **Only valid for the vehicles with the assigned Scope 7** – Update to software network VR14 as part of workshop campaign WRX1, continue with Step 8 ⇒ and then invoice **Scope 7** ⇒*Technical Information '9X00IN Warranty processing'*

3 Check required software release:

Specific information on required software release for each model line and model year

Model line	Model year	Required software release:
Taycan	2020 – 2024	0385 (or higher)
Taycan Gen.2	2025	0511 (or higher)
911 (992)	2020 – 2025	0385 (or higher)
911 (992) Gen.2	2025	0511 (or higher)
Cayenne	2019 – 2023	0385 (or higher)
Cayenne Gen.2	2024 - 2025	0511 (or higher)
Panamera Gen.2	2024 - 2025	0511 (or higher)

3.1 Open the control unit for assistance systems in the Porsche Tester **overview** menu.

3.2 Read out **"Extended identification"** software release in the menu.

3.3 If the **read-out software release corresponds to the required software release** (see table "Specific information on target software release for each model line and model year"), continue with Step 8 ⇒ and then **Scope 8** ⇒ *Technical Information '9X00IN invoice warranty processing'*

3.4 If the read-out software version of the required software release (see table "Specific information on required software release for each model line and model year") does **not comply**, continue with Step 4.

4 Re-programming assistance systems control unit – **valid for scopes 1, 2, 3, 4, 9 (from model year 2022) and 10:**

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

Required Porsche Tester software release:	**44.100.000** (or higher)
Type of control unit programming:	Control unit programming using the **"Automatic programming" function** in the control unit for assistance systems.

Programming sequence:	Read and follow the **information and instructions on the Porsche Tester** during the guided programming sequence. **Do not interrupt the programming and coding process.** A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming time (up to):	**90 minutes**
Software release programmed during this campaign:	See table **"Specific information on required software release for each model line and model year"**
	Following control unit programming, the software release can be read out from the control unit for assistance systems in the 'Extended identifications' menu using the Porsche Tester.
Procedure if error messages appear during 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.

Re-programming assistance systems control unit – **only valid for Scope 9 (Cayenne, model year 2019 to 2021):**

Information

During the first 20–30 minutes, the programming progress is constantly displayed at approx.6% and the display then switches to the actual value.
This is system-related and correct – programming must never be interrupted, or else the assistance systems control unit may be damaged.

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

Required Porsche Tester software release:	**44.100.000** (or higher)
Type of control unit programming:	Control unit programming using the **'Campaign' function in the additional menu** on the Porsche Tester by entering a programming code.
Programming code:	**E3D7T**
Programming sequence:	Read and follow the **information and instructions on the Porsche Tester** during the guided programming sequence. **Do not interrupt the programming and coding process.** During programming, the assistance systems control unit is **re-programmed** and then **automatically re-coded** A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming time (up to):	**90 minutes**
Software release programmed during this campaign:	Software release: **0385**
	Following control unit programming, the software release can be read out from the control unit for assistance systems in the 'Extended identifications' menu using the Porsche Tester.
Procedure if error messages appear during 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.

Re-programming assistance systems control unit – **only valid for Scope 5 (911, model year 2020 and 2021):**
For specific information on control unit programming during this campaign, see the table below.

Required Porsche Tester software release:	**44.100.000** (or higher)
Type of control unit programming:	Control unit programming using the **'Campaign' function in the additional menu** on the Porsche Tester by entering a programming code.
Programming code:	**U9K5F**
Programming sequence:	Read and follow the **information and instructions on the Porsche Tester** during the guided programming sequence. **Do not interrupt the programming and coding process.** During programming, the assistance systems control unit is **re-programmed** and then **automatically re-coded** A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming time (up to):	**90 minutes**
Software release programmed during this campaign:	Software release: **0385**
	Following control unit programming, the software release can be read out from the control unit for assistance systems in the 'Extended identifications' menu using the Porsche Tester.
Procedure if error messages appear during 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.

5 Rework assistance systems.

5.1 Select assistance systems control unit.

5.2 Select “Drive link checks”.

5.3 Perform the routine “Coding step 2”.

5.4 **Wait 20 seconds.**

5.5 Perform the routine “Front camera, download calibration result”.

6 Read out and delete all control units fault memory.

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

6.2 Select the function “Read all fault memories and delete if necessary” and press F12 (‘Next’) to confirm.

Information

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

Information

In Cayenne vehicles from model year 2019 - 2021, there is a possibility that the following fault memory entries are actively entered after programming the assistance systems control unit.
Control unit for assistance systems:
- **U110100** - Component protection, active Gateway control unit:
- **U13BE00** - Front sensors for driver assistance systems, CAN bus Private - no communication

The listed fault memory entries can be ignored. They have no influence on the functionality of the vehicle and are set unnecessarily in this case.

7 **Only valid for vehicles in scopes 1, 2, 3, 4, 9 (from model year 2022) and 10:**: Press F3 to start the integration test in the control unit selection.
All affected control units should now be successfully programmed or checked in the control unit overview and their status.
There must be no composite damage! Optional control unit updates should be ignored.

Information

If a deviation in the integration test is still indicated despite the programming carried out, this must be repeated. If the deviation persists, contact Technical Support.

8 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 control unit for assistance systems**

Relevant for

- Panamera (YAA)

Labor time:

Re-programming control unit for assistance systems		Labor time: **86 TU**
Includes:	Connecting and disconnecting battery charger	
	Connecting and disconnecting Porsche Tester	
	Rework assistance systems	
	Reading out and deleting fault memories	

⇒ **Damage number ASB2 099 000 1**

Scope 2: **Re-programming control unit for assistance systems**

Relevant for

- 911 (992) Gen.2 Model year 2025

Labor time:

Re-programming control unit for assistance systems		Labor time: **89 TU**
Includes:	Connecting and disconnecting battery charger	
	Connecting and disconnecting Porsche Tester	
	Rework assistance systems	
	Reading out and deleting fault memories	

⇒ **Damage number ASB2 099 000 1**

Scope 3: **Re-programming control unit for assistance systems**

Relevant for

- Taycan (Y1A, Y1B, Y1C)

Labor time:

Re-programming control unit for assistance systems — Labor time: **89 TU**

Includes:
- Connecting and disconnecting battery charger
- Connecting and disconnecting Porsche Tester
- Rework assistance systems
- Reading out and deleting fault memories

⇒ **Damage number ASB2 099 000 1**

Scope 4: **Re-programming control unit for assistance systems**

Relevant for

- Cayenne (9YA, 9YB) Gen.2

Labor time:

Re-programming control unit for assistance systems — Labor time: **90 TU**

Includes:
- Connecting and disconnecting battery charger
- Connecting and disconnecting Porsche Tester
- Rework assistance systems
- Reading out and deleting fault memories

⇒ **Damage number ASB2 099 000 1**

Scope 5: **Re-programming control unit for assistance systems**

Relevant for

- 911 (992) Gen 1 Model year 2020 and 2021

Labor time:

Re-programming control unit for assistance systems — Labor time: **89 TU**

Includes:
- Connecting and disconnecting battery charger
- Connecting and disconnecting Porsche Tester
- Rework assistance systems
- Reading out and deleting fault memories

⇒ **Damage number ASB2 099 000 1**

Scope 6: **Re-programming control unit for assistance systems**

Not valid for this vehicle

Scope 7: **Update as part of WRX1**

Relevant for

- Cayenne (9YA, 9YB) Gen.2 Model year 2024 with the **open WRX1 campaign**

Labor time:

Update as part of WRX1 — Labor time: **16 TU**
Includes:

⇒ **Damage number ASB2 099 000 1**

Scope 8: **Check required software release**

Relevant for

- Vehicles for which the software is already at the target status

Labor time:

Check required software release — Labor time: **16 TU**
Includes:

⇒ **Damage number ASB2 099 000 1**

Scope 9: **Re-programming control unit for assistance systems**

Relevant for

- Cayenne (9YA, 9YB) Gen.1 with software version 0295 (or higher) installed

Labor time:

Re-programming control unit for assistance systems — Labor time: **86 TU**
Includes: Connecting and disconnecting battery charger
Connecting and disconnecting Porsche Tester
Rework assistance systems
Reading out and deleting fault memories

⇒ **Damage number ASB2 099 000 1**

Scope 10: **Re-programming control unit for assistance systems**

Relevant for

- 911 (992) Gen. 1 Model year 2022 to 2025

Labor time:

Re-programming control unit for assistance systems — Labor time: **89 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting Porsche Tester
Rework assistance systems
Reading out and deleting fault memories

⇒ **Damage number ASB2 099 000 1**