

Activated Tail Light

Information: **Retrofitting**



Information

ONLY for markets in which new vehicles are certified in accordance with the Worldwide Harmonized Light Vehicles Test Procedure (WLTP): Retrofitting of components **BEFORE** the date of first registration of the vehicle is not permitted.

Background:

Technical modifications (additions/conversions) between delivery (reference point for the creation of the Certificate of Conformity (CoC document)) and the time of first registration can jeopardize the consistency between the CoC document and the actual vehicle configuration required by the WLTP.

Model Year: **As of 2025**

Restriction: **Not for vehicles with I-no. 8VP (light panel with black "PORSCHE" logo)**

Enabling: For vehicles with I-number 8VG, an enabling code for the animation must be requested via the ordering process shown in the table. **This process is necessary for ordering parts, as this takes a few days.**

<p>I Requesting enabling codes (directly via the Porsche Request Management System – PRMS => Parts Support => Tequipment/ TEQ-activation Code)</p> <p>The following details are absolutely essential:</p> <ul style="list-style-type: none"> Part number of the retrofit kit Vehicle identification number (VIN) of the vehicle to be converted Order number used for ordering parts <p>IMPORTANT: If you do not have the necessary data or if the data you have is incorrect, Porsche AG will NOT be able to generate the enabling code.</p> <p>II Checking and forwarding of the data via PRMS</p> <p>III Generation of an enabling code and feedback via PRMS</p> <p>IV Forwarding feedback via PRMS</p>	<p style="text-align: center;">Figure 2</p> <p>A – Porsche dealer B – Porsche importer C – Porsche AG</p>
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Parts Info: **Sedan****9J1.044.901.01**

⇒ Illuminated strip with refined "PORSCHE" logo in black with illuminated Porsche logo, including Coming Home / Leaving Home Animation (SAE)

Sport Turismo**9J1.044.901.03**

⇒ Illuminated strip with refined "PORSCHE" logo in black with illuminated Porsche logo, including Coming Home / Leaving Home Animation (SAE)

**Information**

Please pass all this information on to the customer.

Also give the customer a copy of the first pages of these Installation and Conversion Instructions, including the legal regulations.

Installing

1 Preliminary work: The following work steps relate to the sedan and Sport Turismo

- 1.1 Charge the vehicle electrical system battery ⇒ *Workshop Manual 'Charging 12-volt lithium-ion vehicle electrical system battery'*.
- 1.2 Self-diagnosis ⇒ *Workshop Manual 'Self-diagnosis'*.
- 1.3 Raise the vehicle on a lifting platform. ⇒ *Workshop Manual 'Raising vehicle'*.
- 1.4 **For vehicles with 8VQ, continue with work steps 1.5 and 1.6 with subsequent coding (work step 8). For vehicles with 8VG, an additional cable loom must be laid, continue with work step 2.**
- 1.5 Remove the rear light in the rear lid ⇒ *Workshop Manual 'Removing and installing rear light in rear lid'*.
- 1.6 Remove the rear light ⇒ *Workshop Manual 'Removing and installing rear light'*.

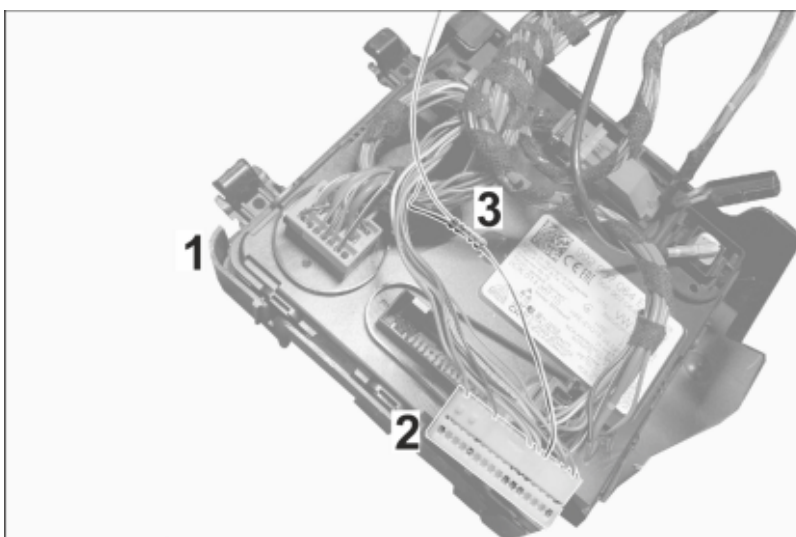
2 Preliminary work: The following work steps relate to the sedan

- 2.1 Remove the center luggage compartment storage area cover ⇒ *Workshop Manual 'Removing and installing (centre) luggage compartment storage area cover'*.
- 2.2 Remove the C-pillar trim panel ⇒ *Workshop Manual 'Removing and installing (side) luggage compartment storage cover trim panel'*.
- 2.3 Remove the trim panel for the rear lid ⇒ *Workshop Manual 'Removing and installing trim panel for rear lid'*.
- 2.4 Remove the rear light in the rear lid ⇒ *Workshop Manual 'Removing and installing rear light in rear lid'*.
- 2.5 Remove the rear light ⇒ *Workshop Manual 'Removing and installing rear light'*.

3 Routing and connecting wire harness – sedan

- 3.1 Routing starts at the control unit.
- 3.2 Remove the rear-end electronics control unit ⇒ *Workshop Manual 'Removing and installing control unit for rear-end electronics'*.

Important: Tie the wire harness to the standard cable loom as per Porsche specifications, making sure that the wire harness is not live and avoiding chafing points. Cable strands that run into the "outside area" (for tail lights) must be used for the series cable guide through the respective grommet.



Wiring for rear-end electronics

- 1. – Detach plug ⇒ *Wiring for rear-end electronics -1-* and remove the plug housing (black).
- 2. – Disconnect the cable from pin 5 ⇒ *Wiring for rear-end electronics -2-* at point ⇒ *Wiring for rear-end electronics -3-* shown.
- 3. – Crimp the tailgate cable activated from the wire harness (line cable without crimped pin) the on line from control unit pin 5.
- 4. – Insulate the crimped area as per Porsche specifications.
- 5. – Install the rear-end electronics control unit ⇒ *Workshop Manual 'Removing and installing rear-end electronics control unit'*.



Line routing for right side wall for sedan

6. – Rear-end electronics control unit connector ⇒ *Line routing for right side wall for sedan -1-*.
7. – Y piece, output to the right tail light. **Pin cable connector (RoW: brown, NAR: green) in chamber 3.** Cable loom for rear wall connection point ⇒ *Line routing for right side wall for sedan -2-*.
8. – Connect the wire harness to the standard cable loom with the same route as per Porsche specifications ⇒ *Line routing for right side wall for sedan -3-*.
9. – Tailgate wire harness (large Y switch for tailgate tail light connector 2x) ⇒ *Line routing for right side wall for sedan -4-*.
10. – Wire harness for rear wall connection point ⇒ *Line routing for right side wall for sedan -5-*.



Rear wall and left side wall line routing for sedan

11. – Line routing for tailgate tail light ⇒ *Rear wall and left side wall line routing for sedan -1-, pin right cable connector (RoW: brown, NAR: green), and left cable connector (RoW: blue, NAR: grey) in chamber 3.*
12. – Rear wall connection point ⇒ *Rear wall and left side wall line routing for sedan -2-. Pin blue cable connector (top plug connection) on both sides in chamber 6.*
13. – Cable routing for left tail light ⇒ *Rear wall and left side wall line routing for sedan -3-, pin cable connector (RoW: brown, NAR: green) in chamber 3*

4 Subsequent work: The following work steps relate to the sedan

- 4.1 Install the **new** rear light ⇒ *Workshop Manual 'Removing and installing rear light'.*
- 4.2 Install the **new** rear light in the rear lid ⇒ *Workshop Manual 'Removing and installing rear light in rear lid'.*
- 4.3 Install the rear lid trim panel ⇒ *Workshop Manual 'Removing and installing rear lid trim panel'.*
- 4.4 Install the C-pillar trim panel ⇒ *Workshop Manual 'Removing and installing luggage compartment storage area cover (side)'.*
- 4.5 Install the center luggage compartment storage area cover. ⇒ *Workshop Manual 'Removing and installing trim panel for luggage compartment storage area cover (centre)'.*
- 4.6 **Coding (see paragraph "Maintain activated tail light in vehicle data").**

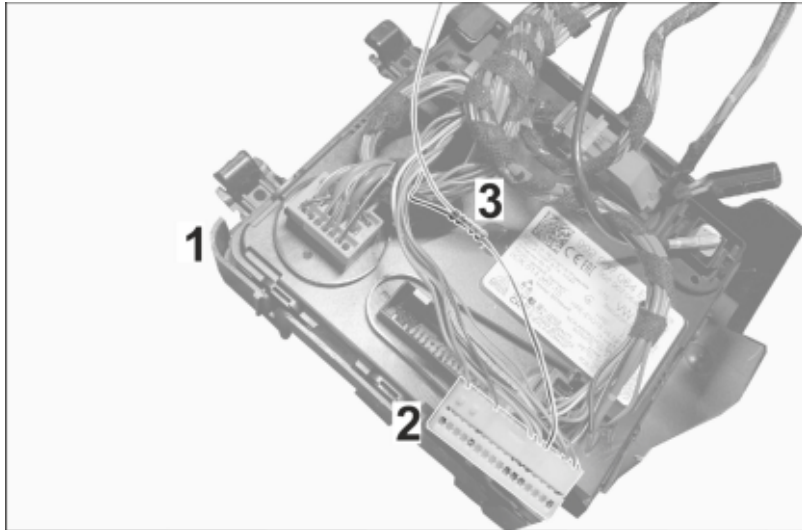
5 Preliminary work: The following work steps relate to the Sport Turismo

- 5.1 Remove the center luggage compartment storage area cover ⇒ *Workshop Manual 'Removing and installing (centre) luggage compartment storage area cover'.*
- 5.2 Remove the C-pillar trim panel ⇒ *Workshop Manual 'Removing and installing (side) luggage compartment storage cover trim panel'.*
- 5.3 Remove the trim panel for the rear lid ⇒ *Workshop Manual 'Removing and installing trim panel for rear lid'.*
- 5.4 Remove the rear light in the rear lid ⇒ *Workshop Manual 'Removing and installing rear light in rear lid'.*
- 5.5 Remove the rear light ⇒ *Workshop Manual 'Removing and installing rear light'.*

6 Routing and connecting wire harness – Sport Turismo

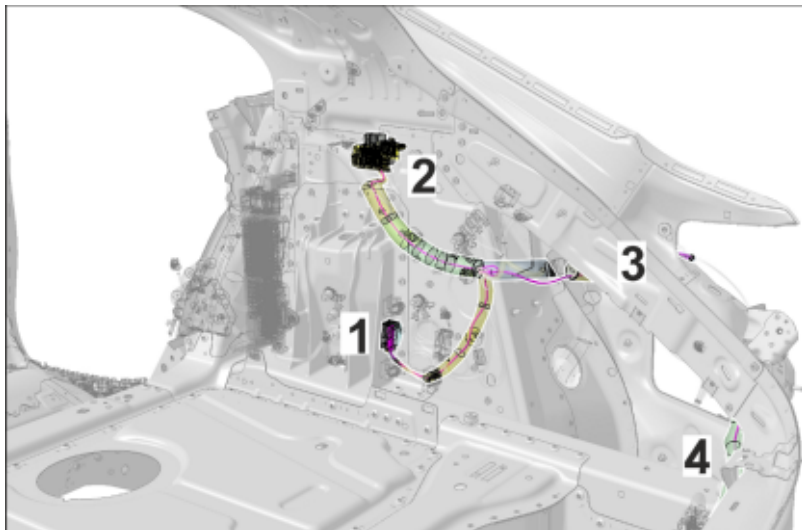
- 6.1 Routing starts at the control unit.
- 6.2 Remove the rear-end electronics control unit ⇒ *Workshop Manual 'Removing and installing control unit for rear-end electronics'.*

Important: Tie the wire harness to the standard cable loom as per Porsche specifications, making sure that the wire harness is not live and avoiding chafing points. Cable strands that run into the "outside area" (for tail lights) must be used for the series cable guide through the respective grommet.



Wiring for rear-end electronics

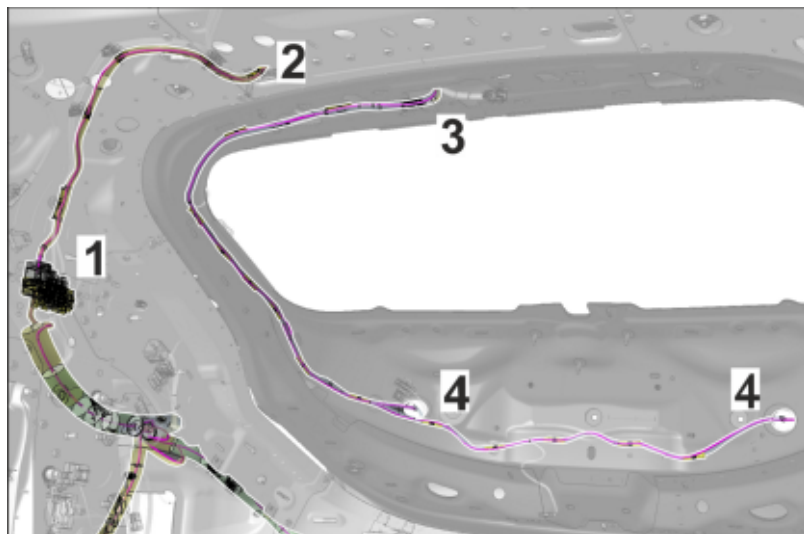
1. – Detach plug ⇒ *Wiring for rear-end electronics -1-* and remove the plug housing (black).
2. – Disconnect the cable from pin 5 ⇒ *Wiring for rear-end electronics -2-* at point ⇒ *Wiring for rear-end electronics -3-* shown.
3. – Crimp the tailgate cable activated from the wire harness (line cable without crimped pin) the on line from control unit pin 5.
4. – Insulate the crimped area as per Porsche specifications.
5. – Install the rear-end electronics control unit ⇒ *Workshop Manual 'Removing and installing rear-end electronics control unit'*.



Right side wall line routing for Sport Turismo

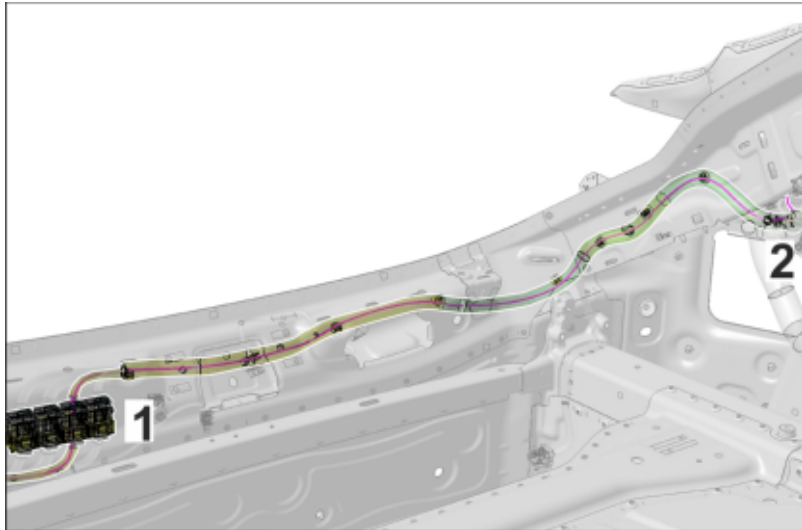
6. – Install control unit for rear-end electronics ⇒ *Right side wall line routing for Sport Turismo -1-*.

7. – Tailgate connection point ⇒ *Right side wall line routing for Sport Turismo -2-*, **pin brown cable connector into chamber 15.**
8. – Y piece, output to tail light on right. **Pin blue cable connector in chamber 3.** Cable loom for rear wall connection point ⇒ *Right side wall line routing for Sport Turismo -3-*.
9. – Wire harness for rear wall connection point ⇒ *Right side wall line routing for Sport Turismo -4-*.



Line routing for right side wall and tailgate for Sport Turismo

10. – Tailgate connection point ⇒ *Line routing for right side wall and tailgate for Sport Turismo -1-*, **pin cable connector (RoW: brown, NAR: green) in chamber 15**
11. – Exit for tailgate ⇒ *Line routing for right side wall and tailgate for Sport Turismo -2-*, guide cable through grommet and connect.
12. – Tailgate entry ⇒ *Line routing for right side wall and tailgate for Sport Turismo -3-*, pull cable out of grommet and lay it as shown.
13. – Line routing for tailgate tail light ⇒ *Line routing for right side wall and tailgate for Sport Turismo -4-*, **pin cable connector (right RoW: brown, NAR: green, left RoW: blue, NAR: grey) in chamber 3**



Line routing for rear wall and left side wall Sport Turismo

- 13. – Rear wall connection point ⇒ *Line routing for rear wall and left side wall Sport Turismo -1-*. **Pin blue cable connector on both sides in chamber 6**
- 14. – Cable routing for left tail light ⇒ *Line routing for rear wall and left side wall Sport Turismo -2-*, **pin cable connector (RoW: brown, NAR: green) in chamber 3**

7 Subsequent work: The following work steps relate to the Sport Turismo

- 7.1 Install the **new** rear light ⇒ *Workshop Manual 'Removing and installing rear light'*.
- 7.2 Install the **new** rear light in the rear lid ⇒ *Workshop Manual 'Removing and installing rear light in rear lid'*.
- 7.3 Install the rear lid trim panel ⇒ *Workshop Manual 'Removing and installing rear lid trim panel'*.
- 7.4 Install the C-pillar trim panel ⇒ *Workshop Manual 'Removing and installing luggage compartment storage area cover (side)'*.
- 7.5 Install the center luggage compartment storage area cover. ⇒ *Workshop Manual 'Removing and installing trim panel for luggage compartment storage area cover (centre)'*.
- 7.6 **Coding (see paragraph "Maintain activated tail light in vehicle data")**.

8 Coding / programming E-Sound Generator J1PA

NOTICE

Voltage drop

- **Risk of irreparable damage to control unit**
- **Risk of damage to control unit**
- **Fault entries in control unit**
- **Coding in the control unit is aborted**

- **Malfunctions in control unit, even during programming/coding**
- ⇒ **Switch off the ignition and remove ignition key before disconnecting the control unit.**
- ⇒ **Make sure that the power supply is not interrupted during programming/coding.**
- ⇒ **Connect a battery charger with a current rating of at least 90 A to the vehicle battery.**

8.1 Preparatory work – Coding

NOTICE

Control unit programming will be aborted if the Wi-Fi connection is unstable.

- **An unstable Wi-Fi connection can disrupt communication between the PIWIS Tester and the vehicle communication module (VCI). This could lead to control unit programming being aborted.**
- ⇒ **For control unit programming, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.**

8.1.1 Connect **PIWIS Tester** to the vehicle and switch it on.

8.1.2 Switch on ignition **AND** hazard warning lights on the vehicle.



Information

The **PIWIS Tester** instructions take precedence; the description may be different for later Tester releases.

The procedure described here has been structured in general terms. Different text or additional information may appear on the **PIWIS Tester**.

8.1.3 Select the “Diagnostics” menu item on the PIWIS Tester.

8.1.4 If **PIWIS Tester** is connected correctly, a connection to the vehicle will be established: The “Taycan” series is recognized and an overview of the control unit is created.

8.1.5 Press **F12** to go to the control unit search screen.

8.1.6 **F8** for additional menu. Question: “Should an FAP be created?” If “Yes”, press **F12** to confirm.

8.1.7 After the FAP has been created, a message may appear that there are still open service actions for the connected vehicle. You can do this with **F12**. This is followed by the back documentation of the vehicle and the vehicle network test.



Information

The function is **ONLY** available when the Tester is online!

8.2 Enter the new vehicle equipment in the vehicle data using “PIWIS Online”.

- 8.2.1 Select the "Maintain vehicle data with PIWIS-ONLINE" function in the "Additional menu" menu item.
- A message appears informing you that the "Actual" (vehicle) data and "Required" (PIWIS Online) data will be compared.
- Press **F12** to continue.
- 8.2.2 Confirm the message "The vehicle data was compared with PIWIS Online. Significant differences were found" with **F12**.
- 8.2.3 Look for the "SBBR lights" option in the "Family" column.
- Select the "8VL" option in the "Value" column in the drop-down menu. Press **F12** to continue.
- 8.2.4 A table containing the coding value and the columns "new value" and "old value" is displayed in the overview. Press **F8** to continue.
- 8.2.5 Data is then written / saved. The following messages appear one after the other:
- Transferring vehicle data to PIWIS Online.
 - Writing and transferring vehicle data to the vehicle.
 - Vehicle order was written successfully.
 - A check was performed in order to check whether control units have to be coded as a result of the changes that were made.
- 8.2.6 Confirm the table containing a list of control units that must be coded by pressing **F12**.
- 8.2.7 Individual data records will be loaded, depending on the number of control units to be coded.
- Wait until messages "Creating backup documentation." Please wait..." and "Coding was completed successfully." are displayed. Press **F12** to continue.
- Repeat the process for other control units if necessary.
- 8.2.8 Wait for the "Adaptation of the control units is complete." message and check the coding status of the control units in the displayed table.
- Continue by pressing **F12** to return to the control unit overview.
- 8.3 Program the SBBR lights control unit.
- 8.3.1 Select the SBBR lights control unit in the overview. Press **F12** to continue.
- 8.3.2 Select Coding/programming.
- 8.3.3 Automatic programming must now be selected. Press **F12** to continue.
- 8.3.4 Tester displays the message: Code successfully performed.
- 8.4 Enable functions. To enable functions, select the additional menu Enable functions and continue with **F12**. Test the function after successfully enabling it.

- 8.5 Remove the **PIWIS tester** from the vehicle.
 - 8.5.1 Lock the vehicle.
 - 8.5.2 Establish bus idle for **at least** 10 minutes.
 - 8.5.3 Re-connect the PIWIS Tester after bus idle.
- 8.6 Read out the fault memory of all systems, work through any existing faults and erase the fault memory. ⇒ *Workshop Manual '0335IN Diagnostics maintenance: Diagnostic system and maintenance inter...'*

NOTICE

Check that the vehicle network is correct before returning the vehicle to the customer.

- **If there is a deviation in the vehicle network, it is not permissible to hand the vehicle over to the customer. Porsche AG performs spot checks for network deviations via the backend systems. If a deviation is found, Porsche AG reserves the right to invoice the corresponding repair costs to the Porsche Center.**
- ⇒ **Check the vehicle for open campaigns in the PCSS.**
- ⇒ **Perform programming on control units that do not have the correct software version. Use the integration test (F3) function to determine the correct software**
- ⇒ **Check the part numbers of control units that do not correspond to the correct hardware version (component) against the Electronic Parts Catalogue (PET) and the repairs history on a previous parts exchange.**
- ⇒ **Check for an unauthorized change to the vehicle order. The vehicle order may only be changed if instructed by Porsche AG (PRMS tickets, Repair Manuals, Technical Information).**
- ⇒ **Contact technical support (PRMS) if you need support or in case of errors.**

9 Subsequent work: The following work steps relate to the sedan and Sport Turismo

- 9.1 Finish with vehicle electrical system battery charger ⇒ *Workshop Manual '0335IN Charging 12-volt lithium-ion vehicle electrical system battery'.*
- 9.2 Remove the vehicle from the lifting platform ⇒ *Workshop Manual '0335IN Lifting vehicle'.*

94 31 24 40: –LED tail light with dark-tinted light panel (8VL) retrofitted–
Includes: Expose (inner) rear lid and luggage compartment.
Install tail lights.
Route and connect control lines (LIN bus).
Code / program the new vehicle equipment.
Function test

Labor time: **531 TU**

94 31 24 40: –LED tail light with dark-tinted light panel (8VL) retrofitted–
Includes:

Labor time: **210 TU**

Code / program the new vehicle equipment.
Function test

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

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