LED Tail Light Incl. Lighting Panel - Glacier Ice Blue (8VQ)/Shaded (8VZ)

Restrictions: **Only** for vehicles with SBBR LIGHT. LED, MODEL DES BLACK (8SQ)/SBBR LIGHTS IN LED TECHNOLOGY (8VG) released.

Model Year: **As of 2024**

Cause: **Installation**

Figure 1

Notes: In vehicles with a standard LED tail light, an LED tail light with glacier ice blue (8VQ) or shaded (8VZ) lighting panel (⇒ *Figure 1*) can be installed.

The design and shape of the new tail lights correspond to those of the standard lights. The differentiated look contains:

- 3D ladder track graphic in glacier ice blue or black
- "PORSCHE" logo in glacier ice blue or black (matt)
- Coming/leaving home function: Central flashing of the red lighting panel with subsequent outward movement (Leaving Home) and vice versa (Coming Home)

Parts Info: **LED tail light, lighting panel and logo in glacier ice blue (8VQ)**

95C.044.901.B ⇒ Tail light –SAE right-hand traffic –, set

Shaded LED tail light, lighting panel and logo (8VZ)

95C.044.901.E ⇒ Tail light –SAE right-hand traffic –, set

Parts List:

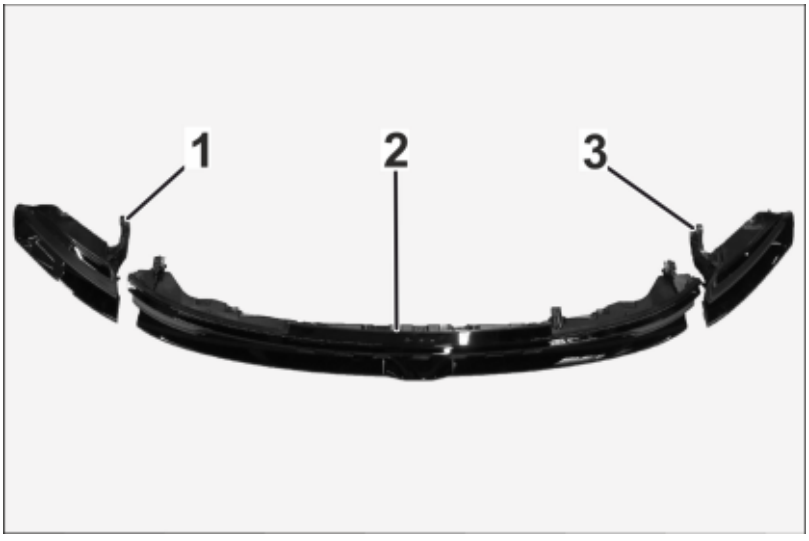

Figure 2

95C.945.095.AE[1]	1 x	Tail light glacier ice blue, left SAE (not shown)
95C.945.096.AE[1]	1 x	Tail light glacier ice blue, right SAE (not shown)
95C.945.070.BH[1]	1 x	Tail light with lighting panel, right-hand traffic SAE glacier ice blue (not shown)
95C.945.095.AG[1]	1 x	Tail light shaded, left SAE (not shown)
95C.945.096.AG[1]	1 x	Tail light shaded, right SAE (not shown)
95C.945.070.BP[1]	1 x	Tail light with lighting panel, right-hand traffic + STYLING SAE shaded (not shown)

[1] **ONLY** contained in respective set.

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.

Tool: **P90999 - P90999 - PIWIS Tester 4**

Flashlight

Assembly:

1 Preparatory work

1.1 Drive the vehicle onto a lifting platform. ⇒*Workshop Manual '4X10IN Vehicle raising information'*

1.2 Connect a battery charger. ⇒*Workshop Manual '270689 Charging the vehicle electrical system battery'*

1.3 Remove rear lid release. ⇒ *Workshop Manual '557219 Removing and installing rear lid lock release'*

1.4 Remove trim panel for rear lid. ⇒ *Workshop Manual '70871900 Removing and installing trim panel for rear lid'*

2 Assembly work

2.1 Replace rear lid tail light ⇒ *Workshop Manual '943155 Replacing rear lid tail light'*

2.2 Replace rear light tail lights. ⇒ *Workshop Manual '943119 Removing and installing tail light in rear light'*

Coding:

Information

Vehicle update – general information

The entire vehicle network will be checked for a necessary update or computed to ensure fault-free functioning of the vehicle. For this purpose, the following preparations are to be made:

- Latest release on PIWIS Tester 4 and PiUS available
- Vehicle is fully built up
- VCI and PIWIS Tester 4 must be connected to each other via workshop Wi-Fi
- The user must be logged in to the PIWIS Tester 4 in the PPN
- Vehicle must be supported with an external charger
- Seat heating and seat ventilation are not active
- Place the original hand-held transmitter in the emergency start tray (see Workshop Manual)

The vehicle performs the update independently. The current status can be retrieved on the diagnostic tester or on the front display and control panel (R238) under Messages (RPC+). During the update, all displays in the vehicle (instrument cluster, central display and passenger display) are occasionally switched off. The programming process is still ongoing at these times. During the update, a buzzing of the acoustic simulator will sound several times. This noise is normal and indicates an ongoing update of the main control unit for the drive and chassis (HCP1).

3 Observe preconditions for control unit programming
Basic instructions and procedure for control unit programming using the PIWIS Tester Information'

NOTICE

Sitting inside the vehicle during the update

- **Update cancelled by automatic ignition activation**

⇒ **Avoid sitting inside the vehicle during the update.**

NOTICE

The specified update process was not followed

- **Update cancellation**
- **Destruction of control units**

⇒ **Observe and follow the procedures displayed for the update and instructions for the PIWIS Tester**

⇒ **Do not replace ignition without instructions from PIWIS Tester**

⇒ **Repeat the programming only if a failed update is displayed on the PIWIS Tester**

Information

An **active** Internet connection with the PIWIS Tester must be ensured.

The technician **must** log in to PPN with the PIWIS tester.

The PIWIS Tester must not be charged using the cigarette lighter.

NOTICE

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

- **An unstable Wi-Fi connection can interrupt communication between the PIWIS Tester and the vehicle communication module (VCI). As a result, control unit programming may be aborted.**

⇒ **During control unit programming, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.**

3.1 Start diagnostics.

3.1.1 F7 select additional menu.

3.1.2 Confirm the displayed query for creating a vehicle analysis log (VAL) with "Yes".

3.1.3 Cancel the automatic integration test by pressing F11 .

3.2 Enter the new vehicle equipment in the vehicle data using "PIWIS Online"

3.2.1 Select the function "Maintenance of vehicle data with PIWIS ONLINE" in the "Model series-specific tests and campaigns" menu item.

A message appears informing you that "Actual" (vehicle) and "Target" (PIWIS Online) data will be compared.

Press F12 to continue.

3.2.2 Confirm the message “The vehicle data was compared with PIWIS Online. Significant differences were found“ with F12 .

3.2.3 Look for the "SBBR lights" option in the "Family" column.

Select the value "8VQ - SBBR LAMP LED ANIMATED EXC VAR 1/8VZ - SBBR LAMP LED ANIM EXC+STYLING" from the drop-down menu. Press F12 to continue

3.2.4 A table containing the coding value and the columns “new value“ and “old value“ is displayed in the overview. Press F8 to continue.

3.2.5 Vehicle data is written and transferred to the vehicle.

3.2.6 The vehicle data log can be created with F14 . Check that the selected vehicle equipment has been entered and close the log.

3.3 Program and code control units (campaign)

3.3.1 Press F3 to start the integration test in the control unit overview.

3.3.2 After the necessary update has been calculated, confirm the table of the listed control units, which must be coded/programmed, by pressing F8 .

3.3.3 Wait for information "The update was successful." Wait and check the coding status of the control units in the displayed table.

Continue by pressing F11 to return to the control unit overview.

3.3.4 After the software update is complete, perform a vehicle bus idle.

- Go back to the control unit overview.
- End vehicle's readiness for operation (ignition off).
- Wait for 5 minutes with the driver door open.
- Restore readiness for operation (ignition on).

Read out the fault memory of all systems, work through any existing faults and erase the fault memory.

3.4 Create a vehicle analysis log (VAL) in the "Overview" menu item.

3.5 Exit the diagnostic application. Switch off ignition and disconnect **P90999 - P90999 - PIWIS Tester 4**.

3.6 Disconnect the battery charger. *Information on vehicle electrical system battery working instructions after disconnecting'*

3.7 Drive the vehicle off the lifting platform.

94 31 32 40: –Converting LED tail light with glacier ice blue/shaded light strip Labor time: **214 TU**
Includes: Replace tail lights, replace tail light in rear lid and encode.