

Sporadic Error Message "Tail Light Defective" in the Instrument Cluster or Brake Lights Lighting up after Locking (57/25)

Change overview

Release	Date	Change
0	01/12/2026	First publication
1	01/28/2026	Update of parts information.

Model Line: **Cayenne (9YA/9YB)**

Model Year: **As of 2024 up to 2025**

Concerns: **Tail lights on left and right / rear lid tail lights**

Information: **The customer complains about one of the following warning messages lighting up in the instrument cluster or about the brief lighting up of the brake lights about 40 seconds after locking the vehicle.**

Possible sporadic warning messages in the instrument cluster:

- Right tail light faulty. Checking tail light
- Left tail light faulty. Checking tail light

Please note that the warning message in the instrument cluster is initially deleted after an ignition change. However, the warning messages may reoccur.

In conjunction with one of the warning messages in the instrument cluster, one of the following fault memory entries is stored in the fault memory of the **rear-end electronics control unit (BCM2)**:

- **B16D6F2** - Right outer tail light, limiting light defective (010150)
- **B16D4F2** - Left exterior tail light, limiting light defective (010140)
- **B16D7F1** - Center right tail light, LED module defective (010157)
- **B16D5F1** - Center left tail light, LED module defective (010147)

Please note that **no fault memory entries** are stored for the complaint "Brake lights lighting up after locking the vehicle".

Action: In the event of a customer complaint, replace all tail lights

**Information**

In rare cases, a software error in the tail light can lead to the aforementioned complaints, although the function of the tail light is not impaired.

If the tail light is actually faulty, such as a faulty LED module, the warning messages are identical. To ensure that the warning messages are caused by the sporadic software error, the lighting components must be checked for proper function **before replacing the tail lights.**

Date of Introduction: Tail lights with optimized software will be installed in production from calendar week 27 (2025).

Required Parts

Parts Info:

Part No.	Designation – Location	Quantity
Vehicles with SBBR light in LED technology (M-no. 8SK)		
9Y0945091AF	⇒ Tail light – left	1 piece
9Y0945092AF	⇒ Tail light – right	1 piece
9Y0945307H	⇒ Tail light – Rear lid (M-no. K4H)	1 piece
or		
9Y3945307H	⇒ Tail light – Rear lid (M-no. K5A)	1 piece
Vehicles with SBBR light in NAR LED technology (M-no. 8SL)		
9Y0945091AH	⇒ Tail light – left	1 piece
9Y0945092AH	⇒ Tail light – right	1 piece
9Y0945307J	⇒ Tail light – Rear lid (M-no. K4H)	1 piece
or		
9Y3945307J	⇒ Tail light – Rear lid (M-no. K5A)	1 piece

Vehicles with SBBR light with dark lens (M-no. 8SB)

9Y0945091AG ⇒ Tail light
– left 1 piece

9Y0945092AG ⇒ Tail light
– right 1 piece

9Y0945307K ⇒ Tail light
– Rear lid (M-no. K4H) 1 piece

or

9Y3945307K ⇒ Tail light
– Rear lid (M-no. K5A) 1 piece

Vehicles with SBBR light with dark NAR lens (M-no. 8SI)

9Y0945091AJ ⇒ Tail light
– left 1 piece

9Y0945092AJ ⇒ Tail light
– right 1 piece

9Y0945307L ⇒ Tail light
– Rear lid (M-no. K4H) 1 piece

or

9Y3945307L ⇒ Tail light
– Rear lid (M-no. K5A) 1 piece

Additionally required parts

9Y0853687 L10 ⇒ Logo (self-adhesive) shiny silver
– Porsche LED tail light 1 piece

or

9Y0853687 OK1 ⇒ Logo (self-adhesive) matt black
– Porsche LED tail light 1 piece

or

9Y0853687 041 ⇒ Logo (self-adhesive) black-high-gloss
– Porsche LED tail light 1 piece

Required Tools

- Tool:
- **P90999 - PIWIS 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. **battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*
 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

Replace Tail Lights

- Work Procedure:
- 1 Recognize and confirm customer complaint.
 - 2 Replace left and right tail light
For work procedure, see: ⇒ *Workshop Manual '943119A6 Removing and install rear light'*
 - 3 Replace rear lid tail light
For work procedure, see: ⇒ *Workshop Manual '943119 Removing and installing rear lid tail light'*
 - 4 Encode rear light tail light (new part coding).
For work procedure, see: ⇒ *Workshop Manual '943155 Replacing tail light'*

Labor Position and PCSS Encryption

Labor position:

APOS	Labor operation	I No.
94315640	Replace tail lights	

PCSS encryption:

Location (FES5)	94310	Tail lights
Damage type (SA4)	1612	partially without function

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