

9YA/9YB – Roof Console Lights Malfunction

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	2024	9YA, 9YB	N/A	N/A

Revision History

Revision	Release Date	Changes
0	June 20, 2024	Original document

Condition

Customer complains of roof console lights turn on and off without input.



Figure 1- Overhead console dimming

Technical Background

Internal contact of the overhead console between the printed circuit board and housing, causing the lights to dim or turn on and off without input, due to material composition. There are no fault codes relevant to the concern.

Service Information

1. Verify the concern is as isolated to the conditions described above.
2. Create a Pre-VAL.
3. In the VAL, check the ECU information in the "interior lighting in front roof console" unit. (refer to Figure 2)
4. If the Hardware version is 51, refer to Figure 3 to find the appropriate part number and replace the roof console with the appropriate revised part number.
5. If replaced, Verify operation of the replacement console.
6. Create a Post-VAL.

Interior lighting in front roof console		fault code:
ECU information		
Interior lighting in roof console: Porsche part number	9Y0959551AE	
Interior lighting in roof console: Software version	0067	
Interior lighting in roof console: Hardware part number	9Y0959551AE	
Interior lighting in roof console: Hardware version	H51	
Interior lighting in roof console: Serial number	000000000000000017256	
Interior lighting in front roof console: Production date	21.04.23	

Figure 2- Roof Console Unit Information

Interior lighting in front roof console unit	
Replacement Required	Acceptable Hardware (or newer/superseded PN)
Hardware version: 51	Hardware version: 52
9Y0.959.551.AB	9Y0.959.551.AK
9Y0.959.551.AC	9Y0.959.551.AL
9Y0.959.551.AD	9Y0.959.551.AM
9Y0.959.551.AE	9Y0.959.551.AN
9Y3.959.551.H	9Y3.959.551.K
9Y3.959.551.J	9Y3.959.551.L

Figure 3- Hardware Version Information

Warranty

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
03350050	On board diagnostic	
03350053	On board diagnostic (Pre-VAL)	
7083500	Front Roof Console Replace	
03350063	On board diagnostic (Post-VAL)	

PCSS encryption:

Location (FES5)	70830	Font Roof Console
Damage type (SA4)	4011	Loose contact, Contact fault

Search Items

9YA, 9YB, Cayenne, Overhead, Roof, Console, Lights, Dims, Dimming

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.