

9YA, 9YB- A/C Blows Warm or Fan Remains Active After Shutdown for LIN bus 2 Electrical Fault

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	As of 2019 up to 2023	9YA, 9YB	All	Ionizer (2V4)

Revision History

Revision	Release Date	Changes
0	September 15, 2025	Original document

Condition

The customer complains of the A/C blowing warm air or the fan remaining on after the system is switched off.

The workshop verifies the complaint and finds fault *U107600 - LIN bus 2 - electrical fault active in the Air conditioning system (J301) control unit.*

Technical Background

Analysis has found this condition to be a result of an electrical failure in the air ionizer itself, which disrupts the LIN bus 2 voltage at each component in the circuit. New ionizer parts have an improved varistor design which helps prevent this issue.

Service Information

Replace ionizer with part number PAD963459A or later before further diagnosis of the A/C system for this issue.

Check the yellow label on the replacement part before installation. Parts with the latest countermeasure will end in label index E and contain version 11S on the yellow label as shown in Figure 1. Only install replacement parts with labels that match these designations.



Figure 1: Replacement ionizer part label

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	
85371900	Air ionizer removed and reinstalled	

PCSS encryption:

Location (FES5)	85370	Air Ionizer
Damage type (SA4)	1611	No function

Search Items

Cayenne, A/C, warm air, Ionizer, Air Conditioning, Air vent, LIN bus 2

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