

Reversing Camera Display Flickers or the Malfunction Indicator Light(MIL) is Active when Driving Off in Purely Electric Mode (SY 11/26)

Change
Overview:

Revision	Date	Change
0	04/20/2026	▪ First Publication
1	07/21/2026	▪ Update to Part ID ▪ Update to Title

Model Year: **As of 2024 up to 2026**

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

Equipment: Hybrid drive system PHEV (**M No. 0K3**)

Concerns: **High-voltage line (power electronics/electric motor)**

Information: **The customer complains that there is flickering in the reversing camera display when driving off in purely electric mode (forwards and backwards).**

In addition, the malfunction indicator light (MIL) may light up, but is no longer active after changing the ignition status.

If this is the case, the following fault memory entry is **also** stored in the transmission electronics (Tiptronic) control unit:

- **U028700** - Additional hydraulic pump for transmission, no communication (0072E2)

There are no noticeable restrictions during vehicle operation.

Cause: In rare cases, temporarily high shield currents in the contact system, at the contact points between the high-voltage line for power electronics/electric motor and the transmission housing, can activate the specified complaint.

Action: If there is a customer complaint, rework the contact points between the high-voltage line for power electronics/electric motor and the transmission housing by additionally attaching "C-rings".

Required parts

Parts Information:	Part No.	Designation – Location	Quantity
	PAB973703	⇒ C-ring – Transmission housing on high-voltage line	3 pieces
	N 10665001	⇒ M8 x 30 countersunk screw with internal serration – High-voltage line from power electronics/electric motor to electric motor	3 pieces
	N 91069601	⇒ Internal hexagon socket countersunk screw, self-locking M6 x 22 – High-voltage line from power electronics/electric motor to the transmission housing.	7 pieces
	N 91073301	⇒ Internal hexagon socket countersunk screw M6 x 12 – High-voltage line from power electronics/electric motor holder to electric motor	4 pieces
	N 10671702	⇒ M5 x 20 hexagon-head bolt (combination) – Cover for high-voltage connection for electric motor	1 piece
	PAF911511	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 42 – Front axle support to front axle carrier	4 pieces
	PAF005372	⇒ Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51 – Front axle support to front axle carrier	2 pieces
	WHT002305	⇒ Square nut, M12 x 1.5 – Front axle support to front axle carrier	4 pieces
	N 10518405	⇒ Cheese head bolt with multiple-tooth head, self-locking, M8 x 30 – Lower steering column to power steering gear	1 piece
		⇒ Cable tie, commercially available – Line securing electric air-conditioning compressor to high-voltage line holder.	As required

Additional parts required for vehicles with 6-cylinder petrol engine (M No. T9I)

PAB971054H	⇒ High-voltage line set for drive motor	1 piece
PAB25314120	⇒ Clamping sleeve, 75 x 88 – Exhaust system with catalytic converter	1 piece

or

PAB111220A	⇒ Clamping sleeve, 65 x 88 – Exhaust system with petrol particle filter	2 pieces
PAB253725A	⇒ Seal – Exhaust system with petrol particle filter	1 piece
PAB253115B	⇒ Clamp – Exhaust system with petrol particle filter	1 piece

Additional parts required for vehicles with 8-cylinder petrol engine (M No. TB5)

PAB971054A	⇒ High-voltage line set for drive motor	1 piece
9A725314100	⇒ Clamping sleeve, 70 x 79 – Exhaust system	2 pieces
PAF911308	⇒ Hexagon collar nut, self-locking M8 – Exhaust system	3 pieces
PAB25311500	⇒ Seal – Exhaust system	1 piece

Additionally required parts for vehicles with PDCC: (M No. 1P7)

PAF00072900	⇒ Hexagon socket head bolt, M8 x 20	3 pieces
-------------	-------------------------------------	----------

Additional parts required for vehicles with engine under underbody protection plate (M No. 1SF)

N 10082912	⇒ Hexagon flange bolt (combination), M6 x 16	3 pieces
9A791194602	⇒ Cheese head screw M8 x 20	5 pieces

Required tools

Tools:

- **P90999 - Porsche 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., **VAS 5908 - battery charger 90A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*
- **VAS 6883A - Insulated tool set**
- **T40262 - Locking cap**
- **VAS 6410 - Contact surface cleaning set**
- **VAS 6558/9-7 - High-voltage test adapter HVR 40**
- **VAS 6558A/45 - High-voltage measurement adapter**

Rework the contact points between the high-voltage line and the transmission housing

Work Procedure: 1 Remove the existing high-voltage line and install the **new** high-voltage line and 3 additional "C-rings".
For procedure, see: ⇒ *Workshop Manual '279319F1 Removing and installing power electronics/electric motor high-voltage line'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
27934940	Reworking high-voltage line (R4)	
27934941	Reworking high-voltage line (V6, V8)	

PCSS encryption:

Location (FES5)	27930	High-voltage line
Damage type (SA4)	4011	loose contact, contact fault

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.

© 2026 Porsche Cars North America, Inc.