

InnoDrive – Active Lane Keep Assist Function Not Available in the Vehicle

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	2024	9YA, 9YB	N/A	PY3 – Porsche InnoDrive incl. Adaptive Cruise Control (ACC) and Lane Keep Assist (LKA)

Revision History

Revision	Release Date	Changes
0	September 12, 2023	Original document
1	October 12, 2023	Addition of Warranty note

Condition

The customer states that the Active Lane Keep Assist function is not present in the PCM, despite the vehicle being equipped with InnoDrive.



Figure 1- Active Lane Keep Assist function missing from PCM

Technical Background

A programming error from production may cause the Active Lane Keep Assist (ALKA) feature of Porsche InnoDrive to not be activated in the adaptive cruise control (ACC) control unit, despite the vehicle being equipped with Porsche InnoDrive.

Service Information

1. Please create a VAL to document the coding information in the ACC control unit. Please also take a picture to document the absence of ALKA in the PCM.
=> Vehicle menu => Assistance
2. Perform Component Protection Commissioning of the ACC control unit:
=> Overview => Additional menu (F7) => Component protection commissioning => Distance sensor (ACC)

Follow the on-screen prompts to ensure the commissioning completes successfully.

The PCM menu should now show the option for ALKA:



Figure 2 -

Active Lane Keep Assist available after component protection commissioning

Warranty

NOTE: Repairs completed during PDI must be submitted under Warranty Type Code 116.

As always, please document the repair completely in PCSS.

For this repair, please code the "cause" as follows:

Cause location: 2785 Distance measuring sensor control unit

Cause symptom: 1134 Programming error

Use the following labor operations:

27859590 Distance measuring sensor control unit troubleshooting

- **NOTE: Only actual time elapsed up to a maximum of 20 TU, verified by a separate identifiable time punch, may be claimed.**

Additional labor operations may be claimed **only as necessary**.

Search Items

Cayenne, E3, E3PA, E3.II, Lane Keep Assist, LKA, ALKA, Active Lane Keep, InnoDrive, assistance

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