

E3.II Cayenne – All-Wheel Drive Warning in the Instrument Cluster

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	As of 2024 up to 2025	9YA, 9YB	N/A	N/A

Revision History

Revision	Release Date	Changes
0	February 21, 2025	Original document

Condition

The customer experiences of a yellow warning in the instrument cluster for “All-wheel drive system error” and/or white warnings for various assistance systems.

The workshop often finds fault code U12B600 – Shiftable all wheel drive control module, No Communication stored in the Gateway control unit.

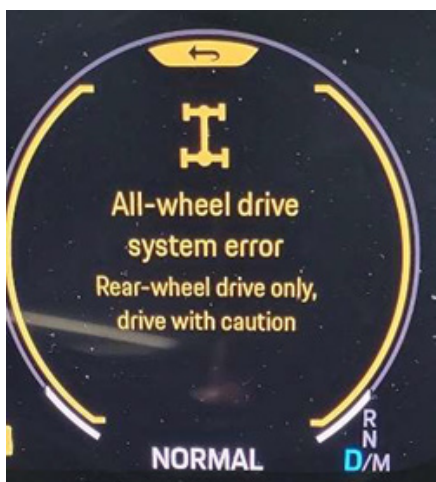


Figure 1

Technical Background

A software bug in the Gateway leads to the misdiagnosis of the aforementioned fault code and sets the fault code each time the ignition is switched off.

As of All-wheel drive control unit (AWD CU) software version 1301, fault code U12B600 does not force the above yellow warning in the cluster or any white assistance system warnings.

Service Information

1. Check the AWD CU software version and ensure that it is at version 1301 or newer. If necessary and applicable, please update the AWD CU to software version 1301 or newer.
 - a. **NOTE:** Software version 1301 is included in Workshop Campaign *WRX1 – Update to Software Network VR14*. Please ensure this campaign is completed before performing any further diagnosis.
2. If the instrument cluster warnings persist, please check the rest of the fault memory and continue with other diagnosis.

Warranty

Labor position:

APOS	Labor operation	I No.
03350050	On board diagnostic	
03350053	On board diagnostic-Create VAL	
39952550	All-wheel drive electronics (PTM) control unit program	

PCSS encryption:

Location (FES5)	90350	Gateway control unit
Damage type (SA4)	1134	Programming error

Search Items

E3PA, Cayenne, AWD, all-wheel drive, Gateway, U12B600, instrument cluster

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