Various Error Messages Regarding Driver Assistance Systems in the Instrument Cluster in Conjunction With Passive Fault Memory Entries in the Distance Measuring Sensor Control Unit (ACC1) (84/25)

Model Line: **911 (992)**
Taycan (Y1A/Y1B/Y1C)
Panamera (YAA/YAB)
Cayenne (9YA/9YB)

Model Year: **As of 2018**

Equipment: **Depending on the model line and respective vehicle equipment, possible M-no.:**

- ACC High End with Innodrive **(I-No. 3V1)**
- ACC InnoDrive with speed limiter **(I No. 3V2)**
- ACC with speed limiter (FOD) **(I No. 3V9)**
- Automatic distance control (ACC) **(M-No. 8T3)**
- ACC with speed limiter **(M-no. 8T8)**

Concerns: **Distance measuring sensor control unit (ACC1)**

Cause: **The customer complains about the failure of various driver assistance systems and corresponding (white) messages in the instrument cluster, for example:**

- Assistance Systems currently reduced
- Lane Keep Assist currently not available
- Active Lane Keeping currently not available
- Speed limit display not available
- Proactive occupant protection currently reduced
- Warn and Brake Assist reduced
- Driving light control faulty
- Emergency Stop Function currently not available

After an ignition cycle, all systems are available again and the messages no longer appear.

The following fault memory entry is stored **passively** in the fault memory of the distance measuring sensor (ACC1):

- **U112300** - Data bus, received fault value (00087D)

Replacement of components in the event of this fault does not provide any remedy. Unauthorized invoiced work or unauthorized exchanged parts will be charged back.

Information

This TI **only applies** if the specified fault memory entry is **passively** stored in the distance measuring sensor control unit (ACC1).
If the fault memory entry is **actively** stored or another fault memory entry is stored in the distance measuring sensor control unit (ACC1), this TI is not applicable and the troubleshooting must be continued elsewhere.

Cause: Implausible signals from the electric brake booster (eBKV) can occasionally lead to the above fault memory entry in conjunction with white messages in the instrument cluster.

Action: If there is a customer complaint, ensure that the most current software is installed on the distance measuring sensor control unit (ACC1).
To do this, proceed as follows:

- If there are open workshops or recall campaigns on the vehicle in question, they must first be carried out.
- For vehicles with integration test, correct any distance measuring sensor control unit (ACC1) software or hardware deviations.

Information

The ACC1 has the most current software available if there are no open campaigns and if the integration test does not detect a software or hardware discrepancy for the ACC1.

- **Then** delete the fault memory entry (**U112300**) in the distance measuring sensor control unit (ACC1) - **end of action**.