



Technical Service Bulletin

90 Audi adaptive light, pre sense, and/or driver assistance systems are not working at start-up, DTC C12D5FA stored

91 19 13 2054197/3 November 18, 2019. Supersedes Technical Service Bulletin Group 90 number 19-23 dated August 14, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2020	All	Not Applicable
A6, A7, A8, Q8, and Audi e-tron quattro	2019 - 2020	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Add Q7 and affected software versions)
2	08/14/2019	Revised header (Added Audi e-tron quattro and MY20) Revised <i>Condition</i> (Added statement that other sporadic DTCs may also be present)
1	03/05/2019	Initial publication

Customer states:

- There is a failure of the driver assist systems or a respective message in the instrument cluster **briefly after starting the vehicle**, e.g.:
 - Audi adaptive light.
 - Audi pre sense system error.
 - Adaptive vehicle assistance is restricted.
 - Adaptive vehicle assistance predictive regulation is currently restricted.

After a few seconds, the messages in the instrument cluster disappear and the systems are available again.

Workshop findings:

The following DTC may be sporadically stored in the control module for driver assist systems, J1121 (address word 00A5):

- **DTC C12D5FA** (control unit of driver assist systems for picture processing does not respond) with symptom code 221281.



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- **Other** sporadic DTCs may be present in combination with C12D5FA.

The Guided Fault Finding recommends the replacement of the control module for driver assist systems, J1121 (address word 00A5).

Technical Background

The DTC C12D5FA (control module for driver assist systems for picture processing does not respond) with symptom number 221281 can occur during the start-up phase of the control module for driver assist systems. After a few seconds, the control module for driver assist systems automatically restarts. Then it works correctly and the messages in the instrument cluster disappear.

Production Solution

Not applicable.

Service

1. Delete the DTC C12D5FA.
2. **Instruct the customer** that the concern can reoccur after start-up under specific conditions. The control module for driver assistance automatically reboots and the functions are fully restored after a short time.
3. A replacement of the control module for the driver assist systems, J1121 (address word 00A5) for this DTC does not solve this issue. Claims for replaced parts will be subject to review.
4. **If the concern does not occur immediately after start-up**, continue with the analysis. We recommend to narrow down the DTCs based on the timestamp of the DTC (standard ambient conditions) and the time of the customer concern.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (2054197) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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