



Technical Service Bulletin

94 Laser light malfunction warning is displayed, DTC C128311 is stored in the right and/or left headlamp module

94 21 53 2065487/1 December 14, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7, SQ7	2020 - 2022	All	Laser headlight

Condition

Customer states:

- There is a laser light malfunction warning displayed in the instrument cluster.

Workshop findings:

The following DTC is stored intermittent or static in the left and/or right headlamp control module, A31/A27 (address word 00D6 and/or 00D7):

- **DTC C128311** (Laser beam, short circuit to ground).

Technical Background

The DTC is incorrectly detected by software and flagged as an issue.

Production Solution

New Target Data Container (ZDC) update in the right headlamp control module, A27 (address word 00D7) addressed the condition.

Service

Update the headlamp module ZDC in address word 00D6 and 00D7.

1. Perform test plan “Replace control module” for address word 00D6.
2. Select option: old module is still installed.
3. Enter **SVM code D6A012** when prompted.
4. The SVM code will update and initialize both control modules.
5. Ensure that all DTC's are cleared after programming.



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Model	Diagnostic address	Old Target Data Container Number	New Target Data Container Number (or higher)	SVM Code
Q7 PA	D6	4M0909471E 4M0909471F	4M0909471VE 4M0909471VF	D6A012
	D7	4M0909472E 4M0909472F	4M0909472VE 4M0909472VF	

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9407		
Damage Code:	0039		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2065487/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.



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Required Parts and Tools

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

Additional Information

All part and service references provided in this TSB (2065487) 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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