



Technical Service Bulletin

48 Red steering warning light is on, DTC C10AC07 is stored in the power steering control module

48 21 07 2064018/1 July 15, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, A6, A7, A8, Q7, SQ7, and Q8	2019 - 2021	All	Not Applicable
RS 5, RS 5 Cabriolet, and RS 5 Sportback	2019, 2021	All	Not Applicable
A6 allroad, S6, RS 6, S7, RS 7, SQ8, RS Q8, Audi e-tron quattro, and Audi e-tron Sportback	2020 - 2021	All	Not Applicable
A6 Avant, RS 6 Avant, and A7 PHEV	2021	All	Not Applicable

Condition

Customer states:

- The red steering warning lamp lights up in the instrument cluster.
- Steering is heavy.

Workshop findings:

- The concern can be reproduced.

The following DTC is logged in the power steering control module, J500 (address word 0044):

- **DTC C10AC07** (Steering Malfunction) with symptom code 5258760.



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Technical Background

The software for the power steering control module, J500 (address word 0044) needs to be updated.

Production Solution

New software implemented on production date.

Service

Proceed as follows:

1. Perform a visual check of the steering rack and steering boots and check if steering wheel can be turned freely.
2. Check the "Control module temperature" value in the extended ambient conditions of address word 0044. The temperature should be >10°C before the software update.

SVM Update Instructions

3. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
4. Update the power steering control module, J500 (address word 0044) using the SVM action code **44A030** for parametrization of the control module.



Note:

The software version will not change.

Warranty

Claim Type:	• 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:	4835
Damage Code:	0040



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Labor Operations:	Remove and install front cover (Audi e-tron quattro and Audi e-tron Sportback only)	5192 1900	See SRT with associated operations
	Remove and install noise insulation	1082 1900	See SRT with associated operations
	Check steering rack for damage and free movement	4835 0199	20 TU
	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 50 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 #2064018/1		

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.

Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2064018) 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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