



# Technical Service Bulletin

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93 Reduced drive system performance, DTCs P0A3C00 P072100 P060A00 P0A9300 P0C0100 P215C00 in Electric Drive 1 or 2

93 22 77 2067556/1 July 27, 2022.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron GT, and RS e-tron GT	2022	All	Not Applicable

## Condition

### Customer states:

- Performance intermittently reduced while operating the vehicle (Limp Home Mode). The issue no longer occurs after restarting the vehicle.

### Workshop findings:

One or more of the following DTC(s) may be stored relating to the Electric Drive Control Module (Power electronics Rear), J1235 (address word 0051), and Electric Drive Control Module 2 (Power electronics Front), J1234 (address word 00CE):

- DTC P0A3C00 Drive Motor Inverter Over Temperature DFCC 44004
- DTC P072100 Output Shaft Speed Sensor Circuit Range/Performance DFCC 44271
- DTC P060A00 Internal Control Module Monitoring Processor Performance 44286
- DTC P060A00 Internal Control Module Monitoring Processor Performance 44285
- DTC P0A9300 Inverter Cooling System Performance 44088
- DTC P0C0100 Drive Motor Current High 44019



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- DTC P215C00 Output Shaft Speed - Wheel Speed Correlation 44338

And least one of the following entries is stored engine control module (ECM), J623 (address word 0001):

- DTC U011000 Lost Communication With Drive Motor Control Module "A" 21634
- DTC U041100 Invalid Data Received From Drive Motor Control Module "A" 21633
- DTC U178A00 E-Machine 2, fault freewheel 44081

## Technical Background

Software issue.

## Production Solution

Improved software.

## Service

If the above conditions are confirmed, proceed as follows:

Perform an SVM update of the control units Electric Drive Control Unit (Power electronics Rear), J1235 (address word 0051): and Electric drive 2 (Power electronics Front), J1234 (address word 00CE).



**Note:** To prevent the high-voltage battery from charging during the software update, the high-voltage charging cable on vehicles with high-voltage components must be unplugged **BEFORE** the SVM code is entered. Charging the high-voltage battery during a software update can cause damage to the high-voltage components.

### SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.



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2. Update the Electric drive control unit for the front axle (J1234) and the Electric drive control unit for the rear axle (J1235) using the SVM action code as listed in the table below, if necessary:

Model	Control Unit address	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
etron GT RS etron GT	0051	9J1907121BA	0012	9J1907121BF	0013	51A004
		9J1907121BB	0012	9J1907121BE	0013	
		9J1907121BC	0020	9J1907121BG	0021	
		9J1907121BD	0020	9J1907121BH	0021	
	00CE	9J1907124AH	0012	9J1907124AK	0013	
		9J1907124AJ	0020	9J1907124AK	0021	

## Warranty

Claim Type:	<ul style="list-style-type: none"><li>• 110 Up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>
Service Number:	9350



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<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	Software update	0151 0000	Time stated on diagnostic protocol (Max 60 TU)
<b>Diagnostic Time:</b>	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB 2067556/1		

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

All part and service references provided in this TSB (2067556) 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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