



Technical Service Bulletin

57 Safe CP in Cluster w/ DTC U110100; C115E54, U111800

57 24 47 2073601/4 July 1, 2024. Supersedes Technical Service Bulletin Group 57 number 24-40 dated May 7, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, RS 5 Sportback, Q7, SQ7, Q8, SQ8, and RS Q8	2023 - 2024	All	Not Applicable
e-tron GT, and RS e-tron GT	2024		

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (removed models) Revised <i>Condition</i> (Added sleep cycle check) Revised <i>Warranty</i> (Added sleep cycle check)
3	05/07/2024	Revised header (added additional DTC's) Revised <i>Condition</i> (Added additional DTC's and instructions)
2	04/25/2024	Revised header (Added Models) Revised <i>Condition</i> (Added Models to Update Chart)

Customer states:

The message "SAFE CP" appears in the instrument cluster along with other various messages.

Workshop findings:

DTC U110100: "Component protection active" is stored in any of the following control units:

- Brake Electronics Control Unit, -J104- (diagnostic address 0003).



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and/or

- Electronic Central Electrical (BCM), -J519- (diagnostic address 0009).

and/or

- Airbag Control Unit, -J234- (diagnostic address 0015).

and/or

- Instrument Cluster, -J285- (diagnostic address 0017).

and/or

- Control Unit for Night Vision System, -J853- (diagnostic address 0084).

Subsequent DTC's may be stored:

Airbag Control Unit, -J234- (diagnostic address 0015):

- **C115E54**: Inertial sensors no basic setting

And/or

Chassis Control with Air Suspension, -J775- (diagnostic address 0074)

- **U111800**: Data set missing



NOTICE

This TSB does not apply if the DTC “U110100: component protection active” is logged in the Gateway (diagnostic address 0019) and/or in the Comfort System Control Module (diagnostic address 0046).

Technical Background

There is a software issue in the Comfort System Control Module (diagnostic address 0046).

Production Solution

New software 0630 in the Comfort System control module, J393 (address word 0046) addressed the condition.



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Service

Service

This TSB replaces Pending Service Solution (PSS) TSB 2072587: *57 PSS Safe CP in Cluster w/ DTC U110100; C115E54.*

1. Follow all instructions in TSB: 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the J393 (0046) using the SVM action code as listed in the table below, if necessary:

NOTICE

The Key must be on the emergency reader coil during the update.

Model	Diagnostic Address	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
A4, A5, Q7, and Q8	0046	8W1.907.064.*	0627, 0628	8W1.907.064.EA	0630	46A034
e-tron GT	0046	992.907.064.*	0627, 0628	992.907.064.EA	0630	46A034

3. After the update, perform a bus sleep cycle by cycling the key off and letting it sit for a few minutes to ensure the module is reset.





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In individual cases DTC “C115E54: Inertial sensors no basic setting” may be stored static in the Airbag Control Unit, -J234- (diagnostic address 0015) after the update is completed. Please perform the basic settings for the inertial sensors for the faults to turn passive. It isn’t necessary to perform the test plans for the faults in the Chassis Control with Air Suspension, -J774- (diagnostic address 0074). Once complete, the faults can be deleted.

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 of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	5789		
Damage Code:	0039		
Labor Operations:	Software update (includes checking for DTCs)	0151 0060	Time stated on the diagnostic protocol
	Software update	0151 0010	See SRT with associated operations
	Vehicle Check (Data bus sleep mode)	0689 0199	10 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 2073601/4		

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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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 (**2073601**) 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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