



Technical Service Bulletin

80 MIL on, cabin heating or cooling is inoperative, DTC B158129 and/or B158131 stored in the climatronic control module

80 19 10 2057304/1 November 20, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3 e-tron	2017 - 2018	All	Not Applicable

Condition

Customer statement:

- The vehicle air conditioning system or cabin heating system is inoperative.
- The blower motor may be inoperative as well however in cases where it may be operating, no cold air from the air conditioning system or warm air from the heating system is delivered.
- The check engine light (MIL) is on.

Workshop findings:

One or both of the following DTCs will be stored in the climatronic control module, J255 (address word 0008):

- **DTC B158129** (HV heater control module, Implausible signal - active/static).
- **DTC B158131** (HV heater control module, no signal, passive/sporadic).

Technical Background

Under certain conditions when the climatronic control module, J255 (address word 0008) reactivates the High Voltage Heater Z115 after a network sleep cycle an incorrect command can be sent to the Z115 EEPROM causing permanent electrical damage requiring replacement of the high voltage heater Z115. Additionally, the high voltage system fuse 3 S353 may be blown.

Production Solution

New software in the climatronic control module, J255 (address word 0008) addressed the condition.

Service

1. Replace the high voltage heater **3Q0 819 013 F** using the procedure in Elsa and the high voltage system fuse 3 S353 if necessary. Then, update the software of the climatronic control module, J255 (address word 0008) with the instructions below.



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SVM Update Instructions

- Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
- Update the climatronic control module, J255 (address word 0008) using the SVM action code as listed in the table below, if necessary:

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A3 e-tron	8V0820043*	0100	8V0820043*	0120	08A030
A3 e-tron	8V0820043*	0110	8V0820043*	0120	08A030

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:	8039		
Damage Code:	0040		
Labor Operations:	Software Update	0151 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Disable the high voltage system	9310 0000	See SRT
	Heater element remove + reinstall	8039 1910	See SRT
	Disassemble the power electronics module and replace fuse S353 (if necessary)	9350 9999	50 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU

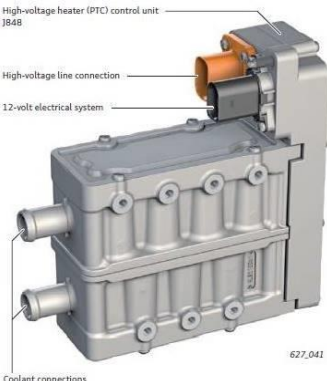
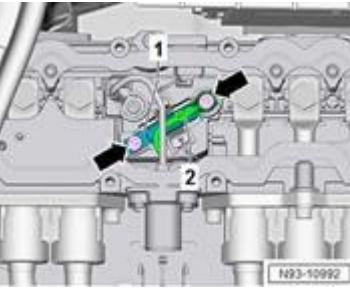


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	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2057304/1		

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.

Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
3Q0819013F	 High Voltage Heater	01
5C0915463	 Fuse	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA



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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 (2057304) are subject to change and/or removal.

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