

# Technical Service Bulletin



## 20 EPC Light on: Fuel level sender DTC entry B10581B Resistance too high

20 23 59 2070211/1 May 4, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 – 2023	All	Not Applicable
A6, A7, and Q8	2019 – 2023		
A6 allroad, S6, S7, SQ7, SQ8, and RS Q8	2020 – 2023		
A7 e quattro	2021 – 2022		
RS 6 Avant, and RS 7	2021 – 2023		

## Condition

### Customer states:

An EPC warning and a fuel system warning are displayed in the instrument cluster.

### Workshop findings:

The following DTC may be stored in the Comfort System Central Control Module, J393 (address word 0046):

- **B10581B** Fuel level sensor 2 Resistance too high with symptom number 65698.

## Technical Background

The OBD diagnostics are too sensitive.

## Production Solution

New software in the Comfort System Central Control Module, J393 (address word 0046) addressed the condition.

## Service

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:

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Model	Engine, Transmission, or Diagnostic Address	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
A6/A7 MY19	0046	4K8909501D		4K8909501D	0037	46A033
A6/A7 MY20	0046	4K8909501G		4K8909501G	0045	46A033
A6/A7 MY20	0046	4K8909501H		4K8909501H	0045	46A033
A6/A7 MY21	0046	4K8909501K		4K8909501K	0052	46A033
A6/A7 MY22	0046	4K8909501N		4K8909501N	0056	46A033
A6/A7 MY23	0046	4K8909501R		4K8909501R	0061	46A033
Q7 MY17	0046	4M0909501G		4M0909501G	0064	46A033
Q7 MY18	0046	4M0909501J		4M0909501J	0065	46A033
Q7 MY19	0046	4M0909501L		4M0909501L	0072	46A033
Q7 MY19	0046	4M0909501M		4M0909501M	0072	46A033
Q7 MY19	0046	4M0909501P		4M0909501P	0072	46A033
Q7 MY20	0046	4M0909501N		4M0909501N	0081	46A033
Q7 MY21	0046	4M0909501S		4M0909501S	0086	46A033
Q7 MY22	0046	4M0909501AA		4M0909501AA	0089	46A033

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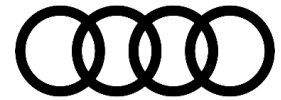


Q7 MY23	0046	4M0909501AB		4M0909501AB	0091	46A033
Q8 MY18	0046	4M8909501A		4M8909501A	0017	46A033
Q8 MY19	0046	4M8909501D		4M8909501D	0025	46A033
Q8 MY20	0046	4M8909501E		4M8909501E	0029	46A033
Q8 MY21	0046	4M8909501G		4M8909501G	0036	46A033
Q8 MY22	0046	4M8909501J		4M8909501J	0041	46A033
Q8 MY23	0046	4M8909501K		4M8909501K	0042	46A033

## Warranty

<b>Claim Type:</b>	<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 of any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	2015		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 50 TU)
<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB 2070211/1		

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 parts and service references provided in this TSB (**2070211**) 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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