

Technical Service Bulletin



90 Fuel gauge reading lower than accurate or does not reach Full

90 15 53 2019804/3 April 16, 2015. Supersedes Technical Service Bulletin Group 90 number 10-15 dated August 10, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2009	000001 - 022847	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (Removed TAC information)
2	8/10/2010	Revised header data (Controlling TSB display in ElsaWeb)
1	2/25/2009	Original publication

One or more of the following conditions are present:

- Fuel gauge does not reach Full in dash insert.
- Fuel gauge shows less fuel than the actual amount.
- Fuel level shown on gauge decreases faster than expected when tank is full.
- Spontaneous refilling requests when half full.

Technical Background

Inaccurate calibration of the fuel gauge display.

Production Solution

Optimized calibration.

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Service

i Tip: To prevent an incorrect fuel gauge display and a potential tow-in, adaptation channel 30 must be changed *only* if one or more of the conditions listed in the *Condition* section of this bulletin apply.

1. Use Guided Fault Finding (GFF) to read adaptation channel 30 of the dash insert (address word 17):
 - **If the value is below 120:**
Change the value to 128 then verify that the fuel gauge is functioning correctly.
 - **If the value is 120 or higher:**
This bulletin does not apply. Do not change the adaptation value. Continue to diagnose the concern following the Elsa procedure for testing fuel gauge senders. (If contacting TAC for help, read MVB 7 and 8 in dash insert (address word 17) via GFF).

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9025		
Damage Code:	0040		
Labor Operations:	GFF	0150 0000	Time stated on diagnostic protocol (Max 100 TU)
Diagnostic Time:	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2019804/3		

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 (2019804) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.