

Technical Service Bulletin



01 MIL on (DTC P046100 stored in ECM)

01 15 21 2040508/1 April 29, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A3 Cabriolet, A4, A5, A5 Cabriolet, A6, A7, A8, Q5	2014 - 2015	All	2.0L and 3.0L TFSI

Condition

- MIL on.
- **DTC P046100** (Fuel level sensor circuit Range/Performance) is stored in the engine control module (ECM), J623 (address word 01).

Technical Background

DTC P046100 can be caused by miscalculations within the ECM software.

Production Solution

Not applicable.

Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the ECM (J623) using the SVM action code as listed in the table below if necessary.

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Model	Engine	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A3/A3 cab	1.8L & 2.0L TFSI	5G0906259A	All	5G0906259A	0006	01A203
		8V0906259B		8V0906259H	0001	
		8V0906253E				
		8V0906254A 8V0906254E		8V0906264D	0004	
A4/A5/A5 cab	2.0L & 3.0L TFSI	8K5907551F	All	8K5907551G	0004	01A203
		8K5907551G				
		8K5907115K 8K5907115M		8K5907115M	0003	
		8K5907115J 8K5907115M		8K5907115N	0003	
A6/A7	3.0L TSFI	Available soon	All	Available soon		
A8	3.0L TFSI	4H0906014J	All	4H0906014J	0005	01A203
		4H0907557D		4H0907557D	0005	
Q5	2.0L & 3.0L TFSI	8R0907551E	All	8R0907551F	0004	01A203
		8R0907551F				
		8R0907551D 8R0907551G		8R0907551G	0004	
		8R1907115F 8R1907115L		8R1907115L	0003	
		8R1907115H 8R1907115M		8R1907115M	0002	

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2470		
Damage Code:	0039		
Labor Operations:	Check software level in ECM only (with no updated needed)	2470 0199	Max 10 TU
	Check software level in ECM <i>and</i> perform update	2470 2599	Max 50 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test after service procedure	0121 0004	10 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 #2040508/1		

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

The following Technical Service Bulletin 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 (2040508) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.