

# 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 8V0906253E		8V0906259H	0001	
		8V0906254A 8V0906254E		8V0906264D	0004	
A4/A5/A5 cab	2.0L & 3.0L TFSI	8K5907551F 8K5907551G	All	8K5907551G	0004	01A203
		8K5907115K 8K5907115M		8K5907115M	0003	
		8K5907115J 8K5907115M		8K5907115N	0003	
A6/A7	3.0L TFSI	Available soon	All	Available soon		
A8	3.0L TFSI	4H0906014J	All	4H0906014J	0005	01A203
		4H0907557D		4H0907557D	0005	
Q5	2.0L & 3.0L TFSI	8R0907551E 8R0907551F	All	8R0907551F	0004	01A203
		8R0907551D 8R0907551G		8R0907551G	0004	
		8R1907115F 8R1907115L		8R1907115L	0003	
		8R1907115H 8R1907115M		8R1907115M	0002	

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## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	2470		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	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
<b>Diagnostic Time:</b>	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)		
<b>Claim Comment:</b>	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.