

Technical Service Bulletin



46 Steering angle sender voltage too small

46 15 08 2040449/1 April 21, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2015	000001 - 074708	Not Applicable

Condition

- Customer may report that Electronic Stability Control (ESC) and Tire Pressure Monitoring System (TPMS) warnings are intermittently displayed in the instrument cluster.
- The following DTCs are stored in the ABS control module, J104 (address word 03):
 - **DTC B116816** (Steering angle sensor voltage too low, passive/sporadic)
 - **DTC C114602** (Tire pressure monitoring display signal error, passive sporadic)

Technical Background

During vehicle start-up, there may be a drop in voltage that causes the DTCs to be stored in the ABS control module, J104 (address word 03). However, the power steering control module, J500 (address word 44), must be updated to correct this condition.

Production Solution

Improved power steering control unit software.

Service

1. Check the software version of the power steering control module, J500 (address word 44):
 - If the software version is already at the new software version listed in the table below, then this bulletin does not apply. Continue with diagnosis outside of this bulletin.
 - If the software version is lower than the new software version listed in the table below, update the software.
2. After updating the software, calibrate the steering angle sensor.

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the power steering control module, J500 (address word 44) using the SVM action code as listed in the table below, if necessary.



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Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A3 and TT with standard steering	-	1060	-	1061	44A011
A3 and TT with progressive steering	-	5060	-	5061	44A011

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4835		
Damage Code:	0039		
Diagnostic Time:	GFF – SVM update	0150 0000	Time stated on diagnostic protocol (Max 50 TU)
	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 #2040449/1		

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 (2040449) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.