



# Technical Service Bulletin

**01 MIL on accompanied by surging engine idle, DTC's P001100 and/or P030100, P030200, P030300, P030400 stored in the ECM**

01 20 92 2058309/4 October 22, 2020. Supersedes Technical Service Bulletin Group 01 number 20-89 dated September 17, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, Q3	2019 - 2020	All	2.0 TFSI

## Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised title (Added DTC's and Idle statement) Revised <i>Condition</i> (Added DTC's)
3	09/14/2020	Revised <i>Condition</i> (Added DTC set information) Revised <i>Service</i> (Added SW Table) Revised <i>Warranty</i> (Added LO and removed Diagnostic time)
2	08/07/2020	Revised <i>Warranty</i> (Updated GFF time)

### Customer states:

- MIL on.

Or

- The engine idles and will have erratic surges when stationary.

### Workshop findings:

- The DTC is set at an engine speed below 1500 rpm.

The following DTC is stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P001100** (Bank 1, required camshaft delay adjustment not reached (inlet)) with symptom code 14870.

And/Or

- **DTC P030100** (Cylinder 1 misfire detected).
- **DTC P030200** (Cylinder 2 misfire detected).
- **DTC P030300** (Cylinder 3 misfire detected).
- **DTC P030400** (Cylinder 4 misfire detected).



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## Technical Background

Deviating adaptation values during the break in period of the engine.

## 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 (address word 0001) using the SVM action code as listed in the table below, if necessary:

Model	Engine	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
Q3	DHHA	83A906259	0001	83A906259	0003	01A271
A6	DLHB	4K0906259A	< 0007	4K0906259A	0007	01A267

Parts replacement does not solve this issue. Claims for replaced parts will be subject to review.



### Note:

If the vehicle returns after this TSB was performed, create a TAC Ticket and contact the Audi Technical Assistance Center.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• 1E1 up to 8 Years/80,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>
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<b>Service Number:</b>	2470		
<b>Damage Code:</b>	0039		
<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>	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB # 2058309/3		

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 part and service references provided in this TSB (2058309) 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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