



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 21 00 2058309/5 March 5, 2021. Supersedes Technical Service Bulletin Group 01 number 20-92 dated October 22, 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
5	-	Revised <i>Service</i> (Updated instructions) Revised <i>Additional Information</i> (Added references)
4	10/22/2020	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)

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

Q3 2.0 TFSI:

Proceed with Field Campaign 96H5 to improve the vehicle misfire DTC's, idle quality and drivability concerns.



Note:

Do not replace any components to correct misfire DTC's, idle quality, and drivability concerns.

A6 2.0 TFSI:

Perform ECM software update using SVM code in table below.

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
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.



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Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• 1E1 up to 8 Years/80,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2470		
Damage Code:	0039		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 50 TU)
Diagnostic Time:	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB # 2058309/5		

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

More information on this system can be found in the following resources:

- Elsa, *Systems >> Campaigns/Actions >> Campaign 96H5*.

The following Technical Service Bulletin(s) 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 (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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