



# Technical Service Bulletin

## 01 MIL on, DTC P050A00 and/or P050700 stored in the ECM

01 21 09 2053040/3 August 27, 2021. Supersedes Technical Service Bulletin Group 01 number 20-41 dated January 9, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2018	All	2.0 T

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Removed A3, Q3, and TT) Revises <i>Service</i> (Added SVM code and SW table) Revised <i>Warranty</i> (Added Claim Type) Revised <i>Required Parts and Tools</i> (Added Tools table) Revised <i>Additional Information</i> (Added reference)
2	01/09/2020	Revised header (Added A3, Q3, and TT) Revised <i>Condition</i> (Added DTC)
1	11/21/2018	Initial publication

### Customer states:

- MIL on.

### Workshop findings:

One of the following DTCs is stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P050A00** (Cold Start Idle Air Control System Performance).
- **DTC P050700** (Idle speed too high).

## Technical Background

On some of the vehicles, it is possible that the throttle body is unable to lower the engine idle during catalyst warm-up. This is caused by incorrect basic settings for the throttle body stored in the engine control module, not due to a component defect.



# Technical Service Bulletin

## 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
A6	CYNB	4G5907115C	0002	4G5907115C	0004	01A224

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• 1E1 up to 8 Years/80,000 Miles</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	2470		
<b>Damage Code:</b>	0039		
<b>Diagnostic Time:</b>	Software Update (Includes checking for DTCs)	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test before service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB #2053040/3		



# Technical Service Bulletin

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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.

## Required Parts and Tools

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

## Additional Information

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 (2053040) 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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