



# Technical Service Bulletin

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## 01 MIL on, DTC P030500 stored in ECM

01 16 87 2045909/1 November 10, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 7 performance	2016 - 2017	All	Not Applicable
S8 +	2016 -2017	All	Not Applicable

## Condition

### Customer statement:

- MIL on or flashing.

### Workshop findings:

Only event entries about misfiring on cylinder 5 (P030500) are logged in the engine control module J623 (address word 0001):

The following values are logged in the specific ambient conditions of event entry P030500:

- Engine speed between 5500 and 5900 rpm
- Standard load value over 70%
- Engine torque over 750 Nm

## Technical Background

OBD diagnostics too sensitive at high engine load conditions.

## Production Solution

New software in the engine control module (J623) addressed the condition.



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## Service

### SVM Update Instructions

1. Follow all instructions in TSB 2011732, *00 Software Version Management (SVM), operating instructions*.
2. Update the engine control module J623 (address word 0001) using the SVM action code as listed in the table below if necessary:

Model	Engine Code	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
RS 7 performance	CWUC	4G0906560G	0001	4G0906560G	0002	01A225
S8 plus	DDTA	4H0907557H	0001	4H0907557H	0002	01A225

## 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 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>Labor Operations:</b>	Update ECM software level	2470 2599	Max 50 TU
<b>Diagnostic Time:</b>	GFF – Checking and clearing fault codes included in existing labor operations	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU



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	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 #2045909/1

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.

## Required Parts and Tools

Approved battery charger.

## 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 parts and service references provided in this TSB (2045909) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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