



Technical Service Bulletin

01 MIL on (DTC P030500) stored in ECM

01 17 98 2045909/2 January 19, 2017. Supersedes Technical Service Bulletin Group 01 number 16-87 dated November 10, 2016 for reasons listed below.

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

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header data (Added model) Revised title (Updated formatting)
1	11/10/2016	Initial publication

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.



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Production Solution

New software in the engine control module (J623) (address word 0001) addressed the condition.

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	CWUB	4G0906560G	0001	4G0906560G	0002	01A225
RS 7 performance	CWUC	4G0906560G	0001	4G0906560G	0002	01A225
S8 plus	DDTA	4H0907557H	0001	4H0907557H	0002	01A225



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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 vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	2470		
Damage Code:	0039		
Labor Operations:	Update ECM software level	2470 2599	Max 50 TU
Diagnostic Time:	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
	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 #2045909/2		

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



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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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