



Technical Service Bulletin

01 MIL on (DTC P030500) stored in ECM

01 17 14 2045909/3 May 9, 2017. Supersedes Technical Service Bulletin Group 01 number 17-98 dated January 19, 2017 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
3	-	Revised header data (Added control unit)
2	01/19/2017	Revised header data (Added model) Revised title (Updated formatting)
1	11/10/2016	Initial publication

Customer statement:

- MIL on or flashing.

Workshop findings:

Only DTCs regarding misfiring on cylinder 5 (P030500) are logged in the engine control module (ECM), J623 (address word 0001).

The following values are logged in the specific ambient conditions for DTC 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 (ECM), (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 (ECM), 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 #2045909/3		

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.

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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