



Technical Service Bulletin

01 MIL on - 4.0TFSI Cylinder 1 or 6 Misfires - RS6 or RS7 - P03000, P030100, P030600

01 23 96 2071263/4 November 17, 2023. Supersedes Technical Service Bulletin Group 01 number 23-76 dated August 31, 2023 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 6 Avant, and RS 7	2021 – 2023	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added MY 21 and MY23) Revised <i>Service</i> (Added SVM Codes)
3	08/31/2023	Revised <i>Warranty</i> (Updated Service number)
2	08/30/2023	Revised <i>Warranty</i> (Updated claim types)

Customer states:

- MIL on or exhaust emissions warning light flashes or is intermittently illuminated.
- No noticeable differences in performance are noted while the MIL/ exhaust emissions warning is illuminated.
- The “Start System: Fault” may also appear in the instrument cluster.

Workshop findings:

The following DTCs with specified ambient conditions **must** be stored in the ECM, J623, (address word 0001):

- **P030000** (Misfire detected)
- **P030100** (Cylinder 1 Misfire detected)
- **P030600** (Cylinder 6 Misfire detected)

Ambient Conditions

- Engine speed below 1900 RPM
- Normed load value: less than 20%
- Engine oil temperature: below 75° C

 **NOTICE**

If misfires for other cylinders or the ambient conditions outside the scope mentioned above are stored in the ECM, J623, (address word 0001), please continue with normal diagnosis process.



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Technical Background

The ECM software has been optimized.

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	Old Software Number	Old Software Version	New Software Number (or higher)	New Software Version (or higher)	SVM Code Input
MY21 RS 6 and RS 7	4K0907557F	0001-0002	4K0907557F	0003	01A297
MY22 RS 6 and RS 7	4K0907557G	0001-0002	4K0907557G	0003	
MY23 RS 6 and RS 7	4K0907557H	0001	4K0907557H	0002	

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside of 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



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			protocol (Max 50 TU)
Diagnostic Time:	GFF	0150 0000	Max 10 TU
	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 2071263/4		

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 (**2071263**) 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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