



# Technical Service Bulletin

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## 01 4.0TFSI Cylinder 1 or 6 Misfires - RS6 or RS7

01 23 75 2071263/2 August 29, 2023. Supersedes Technical Service Bulletin Group 01 number 23-74 dated August 24, 2023, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 6, and RS 7	2022	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Updated claim types, service number)
1	08/24/2023	Initial publication

### Customer states:

- The MIL/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



**Note:** 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.

## Technical Background

The ECM software has been optimized.



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## 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 Target Data Container Number	Old Target Data Container Version	New Target Data Container Number (or higher)	New Target Data Container Version (or higher)	SVM Code Input
MY22, RS6 and RS7	4K0907557G	0001-0002	4K0907557G	0003	01A297

## 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>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	2740		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 50 TU)
<b>Diagnostic Time:</b>	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
<b>Claim Comment:</b>	As per TSB 2071263/2		



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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 (**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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