



Technical Service Bulletin

01 Engine control unit - "misfires at idle" - 2.0 ltr. TFSI; P030000; P030100; P030200; P030300; P030400
01 23 04 2072274/1 December 13, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6 allroad	2020 – 2021	All	Not Applicable
RS 6 Avant	2021		

Condition

Customer states:

- The vehicle is running rough in neutral.
- The MIL is illuminated.

Workshop findings:

- After starting the engine, vehicles have misfires across multiple cylinders at an increased idle RPM. (approx. 1200 rpm).

The following entries are stored in the engine control unit J623 (0001)

- **P030X00** – Misfire detected on multiple cylinders.
- **P030100** – Cylinder 1 Misfire.
- **P030200** – Cylinder 2 Misfire.
- **P030300** – Cylinder 3 Misfire.
- **P030400** – Cylinder 4 Misfire.

Technical Background

Updated software for the engine control unit.

Production Solution

Not applicable.

Service



Always use DoIP when flashing a control module via ODIS in supported vehicles.



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To activate DoIP, select *Administration >> General >> GFF Process >> DoIP communication >> Only allow DoIP communication*.

This setting will automatically reset with the diagnostic session has ended.

You can tell if DoIP is active by observing a red LED on the VAS 6154(A).

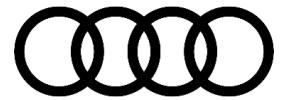
1. Follow all instructions on TSB 2071132: *00 Software Version Management (SVM) operating instructions*.
2. Update the J623 (0001) using the SVM action code as listed in the table below if necessary:

Model	Engine Diagnostic Address	Old Software Part Number	Old Software Version (or lower)	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
2019 - 2021A6 2.0L	0001	4K0 906 259 A	0009	4K0 906 259 A	0011	01A267

Warranty

Claim Type:	<ul style="list-style-type: none"> • 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 protocol (Max 80 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Test drive before the service procedure	No allowance	0 TU
	Test drive after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2072274/1		

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.



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Additional Information

All part and service references provided in this TSB (**2072274**) 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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