



Technical Service Bulletin

01 MIL on, DTCs P030100, P030200, and/or P030300 are stored in the ECM

01 20 81 2060491/1 August 26, 2020.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------|------|-----------|----------------------------|
| A8 | 2019 | All | 3.0 TFSI |

Condition

Customer states:

- MIL on.
- The idle speed is erratic.

Workshop findings:

- For a single cylinder misfire DTC this bulletin does not apply, continue diagnosis outside of this TSB.

At least two of the following DTCs are stored in the engine control module (ECM), J623 (address word 0001) and occur at the same time:

- **DTC P030100** (cylinder 1 misfire).

And/or

- **DTC P030200** (cylinder 2 misfire).

And/or

- **DTC P030300** (cylinder 3 misfire).

Technical Background

With a fully loaded activated charcoal filter reservoir and high outside temperatures the discharge point of the fuel vapor on bank 1 can cause multiple cylinders misfiring. This occurs only on bank 1 because of a too rich mixture.

Production Solution

New software in the ECM, J623 (address word 0001) addressed the condition.



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Service

This TSB replaces Pending Service Solution (PSS) TSB 2054113: *PSS 01 Bank 1 engine misfires - A8*.

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 Part Number | Old Software Version | New Software Part Number (or higher) | New Software Version (or higher) | SVM Code Input |
|-------|--------------------------|------------------------------|--------------------------------------|----------------------------------|----------------|
| A8 | 4N0907559B | 0002 0003 0004 0005 | 4N0907559B | 0007 | 01A255 |

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 the vehicle is outside 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 60 TU) |
| Diagnostic Time: | GFF | No allowance | 0 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 #2060491/1 | | |



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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.

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 (2060491) 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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