

Technical Service Bulletin



01 EPC light on (DTCs for cylinder pressure too high - P039B00, P03A500, P03AF00, P03B900)

01 15 33 2041261/1 July 24, 2015.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------|------|-----------|----------------------------|
| S3 | 2015 | All | Not Applicable |

Condition

- EPC light is illuminated.
- One or more of the following DTCs is stored in the engine control module (ECM), J623 (address word 01):
 - **DTC P039B00** (Cylinder 1 pressure too high)
 - **DTC P03A500** (Cylinder 2 pressure too high)
 - **DTC P03AF00** (Cylinder 3 pressure too high)
 - **DTC P03B900** (Cylinder 4 pressure too high)
- In addition to the DTCs listed above, one or more of the following DTCs may also be stored:
 - **DTC P030000** (Random/multiple cylinder misfire detected)
 - **DTC P030100** (Cylinder 1 misfire detected)
 - **DTC P030200** (Cylinder 2 misfire detected)
 - **DTC P030300** (Cylinder 3 misfire detected)
 - **DTC P030400** (Cylinder 4 misfire detected)
 - **DTC P130A00** (Hide cylinder)

Technical Background

Due to a software error, the ECM can falsely record engine misfires in the primary detection window. No actual engine misfires are present until the EPC light is illuminated and the ECM hides a cylinder.

Production Solution

Improved software.

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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 01) using the SVM action code as listed in the table below, if necessary. If the new software is already installed in the vehicle but the condition still exists, create a TAC ticket.

| Model | Engine | Old Software Part Number | Old Software Version | New Software Part Number | New Software Version (or higher) | SVM Code Input |
|-------|--------|--------------------------|----------------------|--------------------------|-------------------------------------|----------------|
| S3 | CYFB | 8V0 906 259H | 0001 | 8V0 906 259H | 0002 | 01A211 |
| S3 | CYFB | 8V0 906 259E | All | 8V0 906 259H | 0002 | 01A211 |
| S3 | CYFB | 8V0 906 259B | All | 8V0 906 259H | 0002 | 01A211 |

Warranty

| | | | |
|--------------------------|--|--------------|---|
| Claim Type: | Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only. | | |
| Service Number: | 2470 | | |
| Damage Code: | 0039 | | |
| Labor Operations: | SVM software update | 2470 2599 | Time stated on diagnostic protocol (Max 60 TU) |
| Diagnostic Time: | GFF | 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 #2041261/1 | | |

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

The following Technical Service Bulletin 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 (2041261) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.