

# Technical Service Bulletin



## 01 MIL on; DTCs for misfiring or electric faults for cylinder-specific components on bank 2 (cylinders 7–12)

01 15 41 2041733/1 August 21, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2015	000001 - 038885	W12 engine

## Condition

- MIL on.
- DTCs for misfiring or electric faults for cylinder-specific components on Bank 2 (cylinders 7–12) are stored in the engine control module, J623 (address word 01) or the engine control module 2, J624 (address word 11).

## Technical Background

In the software for the engine control modules, the assignment of the DTC entries for misfiring or electric faults for cylinder-specific components does not match the cylinder assignment in ElsaPro.

**For all model year 2015 A8 vehicles with W12 engines, note the following conversions (only listed cylinders are affected):**

- Cylinder 7 → Cylinder 12
- Cylinder 8 → Cylinder 11
- Cylinder 9 → Cylinder 10
- Cylinder 10 → Cylinder 9
- Cylinder 11 → Cylinder 8
- Cylinder 12 → Cylinder 7

**Use the conversion table only for the following software versions:**

Software part number	Software version
07P906027C	Below 8331

## Production Solution

New software in the engine control module, J623 (address word 01) and the engine control module 2, J624 (address word 11) addressed the condition. The correct Bank 2 cylinder will be identified when the software level is 8331 or above; the conversion table is no longer needed.

# Technical Service Bulletin



## Service

Complete the Guided Fault Finding using the Bank 2 conversion table before the software update of the engine control modules, as performing the software update will delete the DTC entries.

After the software update, the Bank 2 conversion table is no longer needed.

### SVM Update Instructions

1. Follow all instructions in TSB 2011732, *00 Software Version Management (SVM), operating instructions*.
2. Update the engine control module, J623 (address word 01) and the engine control module 2, J624 (address word 11) using the SVM action code as listed in the table below, if necessary.

Model	Engine	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Code Input
A8	6.3FSI	07P906027C	8330	07P906027C	8331	01A131

## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	2470		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Software update of both control modules	2470 2599	Time stated on diagnostic protocol (Max 60 TU)
<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB #2041733/1		

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.

## Required Parts and Tools

Approved battery charger.

## 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 (2041733) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.