Technical Service Bulletin

01 MIL on, DTC for air-fuel ratio imbalance stored in ECM

01 16 50 2026299/5 January 11, 2016. Supersedes Technical Service Bulletin Group 01 number 14-00 dated October 17, 2014 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S4, S5	2010 - 2012	All	3.0 TFSI
A6	2010 - 2011	All	3.0 TFSI

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
5	-	Revised *Service* (Added information about crankcase pressure regulating valve) Revised *Warranty* (Added time for replacement of crankcase pressure regulating valve) Revised *Required Parts and Tools* (Added entire section)
4	10/17/2014	Revised header data (Corrected Elsa display issue; added DTCs)
3	8/28/2012	Revised *Service* (Updated SVM table)

- MIL on.
- One of the following DTCs for **air-fuel ratio imbalance** is stored in the engine control module (ECM), J623 (address word 01):
  - **DTC P219C00** (stored in cylinder 1)
  - **DTC P219D00** (stored in cylinder 2)
  - **DTC P219E00** (stored in cylinder 3)
  - **DTC P219F00** (stored in cylinder 4)
  - **DTC P21A000** (stored in cylinder 5)
  - **DTC P21A100** (stored in cylinder 6)

Technical Background

An incorrect software setting causes the DTC to be stored.

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Production Solution

Not applicable.

Service

Check the repair history of the vehicle before proceeding:

- If crankcase pressure regulating valve 06E103547H (or any newer suffix) has already been installed, no part update is necessary. Proceed to *SVM Update Instructions*.
- If crankcase pressure regulating valve 06E103547H (or any newer suffix) has not been installed, install the latest part number before proceeding to *SVM Update Instructions*.

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the ECM (J623) using the SVM action code as listed in the table below if necessary.

Model	Engine	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
S4, S5 (MY 2010)	3.0TFSI	8K0907551A	≤ 0002	8K0907551D	0003	01A092
S4, S5 (MY 2011-2012)	3.0TFSI	8K0907551B	≤ 0002	8K0907551D	0003	01A092
A6	3.0TFSI	4F1910551A	≤ 0030	4F1910551D	0050	01A092

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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:	**For software update:**		
	Check software levels, no update necessary	2470 0199	20 TU
	Check software levels, perform update	2470 2599	60 TU
	For crankcase pressure regulating valve installation, if necessary:		
	S4, S5:		
	Crankcase breather remove+reinstall	1050 1991	130 TU
	2 Fuel distributor rail remove+reinstall	2441 2091	90 TU
	Compressor remove+reinstall	2114 1941	190 TU
	Fuel system pressure decrease	2003 0091	10 TU
	A6:		
	Crankcase breather remove+reinstall	1050 1941	370 TU
Diagnostic Time:	GFF – Checking and clearing fault codes including in existing labor operations	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 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)		
Claim Comment:	As per TSB #2026299/5		

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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Required Parts and Tools

Part Number	Part Description	Quantity
06E103547Q	Crankcase pressure regulating valve	1

Additional Information

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732 *00 Software Version Management (SVM), operating instructions*.

All parts and service references provided in this TSB (2026299) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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