



Technical Service Bulletin

01 MIL on, DTC P05A000 or P25EA00 is stored in the ECM

01 21 15 2048402/9 November 22, 2021. Supersedes Technical Service Bulletin Group 01 number 19-39 dated December 17, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 - 2019	All	3.0TFSI Evo

Condition

REVISION HISTORY		
Revision	Date	Purpose
9	-	Revised <i>Warranty</i> (Updated Labor Operations)
8	12/17/2019	Revised <i>Warranty</i> (Updated Diagnostic Time)
7	12/16/2019	Revised <i>Service</i> (Updated SVM table) Revised <i>Warranty</i> (Updated Diagnostic Time)

Customer states:

- MIL on.

Workshop findings:

One of the following DTCs is stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P05A000** (Active Grille Air Shutter "A" Stuck On).
- **DTC P25EA00** (Supercharger Disconnect Clutch Stuck Closed).

Technical Background

Not applicable.

Production Solution

Optimized software with improved diagnostics.



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Service

Do not replace any parts unless directed to in the below steps. Do not contact Technical Assistance Center (TAC) unless the problem persists after the software update or if there is a problem with the SVM process.

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

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
Q7	CREC	4M0907551A	≤0005	4M0907551A	0005	01A226

3. **(P05A000 ONLY):** Perform a key cycle. Then set the basic setting for the radiator shutter (*OBD >>> 01 ECM >>> Basic Setting >>> Adaptation of radiator shutters*). If the basic setting fails or cannot be performed, replace the grille shutter motor per the Elsa Repair Manual.

4. **(P05A000 ONLY):** If the basic setting passes, perform another key cycle and take the vehicle on a test drive. If no faults occur, the vehicle can be released. If the grille shutter faults again, replace the grille shutter motor per the Elsa Repair Manual.

Warranty

Claim Type:	• 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	0151 0000	50 TU
	Headlight assembly remove + reinstall (If applicable)	9415 XXXX	See SRT with associated operations
	Headlight assembly adjust (If applicable)	9415 XXXX	See SRT with



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			associated operations
	Front bumper cover remove + reinstall (If applicable)	6329 19XX	See SRT with associated operations
	Radiator shutter remove + reinstall (If applicable)	1935 1950	See SRT with associated operations
	Radiator shutter motor actuator remove + reinstall (If applicable)	1932 1950	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2048402/9		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
95B965501S	Motor for adjustment (If applicable)	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA



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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 parts and service references provided in this TSB (2048402) are subject to change and/or removal.

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