

Technical Service Bulletin

Topic	01 Engine/fuel tank system: fuel tank leak detection pump - MIL on - DTC P240700 - all gasoline engines
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2071770/11
Level	EH
Status	Released for publishing
Release date	Mar 21, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P240700: Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic		static
0001 - Engine electronics	P240700: Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic		Intermittent

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display	functionality -> activates	
engine -> emissions control	functionality	

New workshop code

Object of complaint	Complaint type	Position
engine -> fuel supply -> fuel tank lead detection pump	functionality -> no function	
engine -> fuel supply -> fuel tank leak diagnosis control module	functionality -> no function	
information, navigation, communication, entertainment -> instrument cluster, displays, screens -> instrument cluster -> instrument cluster indicator lamp	functionality -> no function	

Vehicle data

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
*	2022	A		*	*	*
*	2023	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
*	2024	A		*	*	*
*	2025	A		*	*	*

PR numbers

PR numbers
?:without 0F3 ?::and ?::without 0F5 ?::and ?::without 0F9 ?::and ?::without 1A8

Documents

Document name
master.xml



Connection offline

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Transaction No.: **2071770/11**

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Condition

REVISION HISTORY		
Revision	Date	Purpose
11	-	Revised <i>Service</i> (Added comment for DMTL replacement)
10	01/30/2025	Revised header (Added model year) Revised title (Updated for clarity) Revised <i>Service</i> (Added models to SVM table)
9	12/02/2024	Revised <i>Service</i> (Added models to SVM table) Revised header (Added model year)

Customer states:

- The MIL is illuminated.

Workshop findings:

The following DTC is stored in the Engine Control Module, -J623- (address word 0001).

- DTC P2407 (P240700):** "EVAP emission control system leakage diagnosis pump current fluctuating".

Technical Background

Optimized software for engine control unit

Production Solution

Not applicable.

Service

The engine control unit software must be updated on this vehicle. Inform the customer about the software update and ask them whether the engine control unit has been altered by chip tuning. Explain to the customer that updating the engine control unit software renders the chip tuning ineffective. In certain circumstances, the engine control unit may even be damaged by the software update. Ask the customer to clarify with the tuning company in advance whether a software update is possible.

Damage to the engine control unit resulting from chip tuning cannot be billed to AUDI AG under warranty. Please refer the customer to the Warranty and Maintenance booklet to learn more about how chip tuning can impact warranty coverage. Explain to the customer that neither AUDI AG nor your company can be held responsible for damage caused by the software update or for damage that occurs as the result of not having the update performed. Make a note to this effect on the order before it is signed by the customer. Include this information in the customer file.

For vehicles with high-voltage components:

To prevent charging of the high-voltage battery during the software update, the high-voltage cable is to be removed BEFORE the entry of the SVM code on vehicles with high-voltage components.

Charging the high-voltage battery during a software update can damage the high-voltage components.

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the -J623- (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
A3 2.0l MY22	8Y0.906.259.A	0003	8Y0.906.259.A	0004	01A320
TT 2.0l MY22	8S0.906.259.T	0002	8S0.906.259.T	0003	
Q7 2.0l MY23	4M0.906.259.AB	0002 0003 0004	4M0.906.259.AB	0005	
Q7 2.0l MY22	4M0.906.259.AE	0001	4M0.906.259.AE	0002	
Q3 MY22	83A.906.259.D	0001	83A.906.259.D	0002	
Q3 MY23	83A.906.259.F	0001	83A.906.259.F	0002	
Q5 MY22	80A.906.259.AB	0002	80A.906.259.AB	0003	
Q5 PHEV MY22	80A.906.259.AA	0001	80A.906.259.AA	0002	
Q5 MY23	80A.906.259.AE	0002 0003	80A.906.259.AE	0004	
Q5 PHEV MY23	80A.906.259.AD	0001	80A.906.259.AD	0002	

If no suitable engine control unit software is available for the vehicle, replace the Leak Detection Pump DMTL.

Warranty

Claim Type:	<ul style="list-style-type: none">If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2048		
Damage Code:	0040		
Labor Operations:	With software Update:		
	Software Update	0151 0010	See SRT with associated operations
	Software Update	0151 0060	Labor according to the diagnostic log
	Without software update:		
	Replace leak diagnostic pump	2048 55xx	See SRT with associated operations
	GFF	0150 0060	Labor according to the diagnostic log
Claim Comment:	As per TSB 2071770/11		

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

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

Additional Information

All part and service references provided in this TSB (**2071770**) 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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