

Technical Service Bulletin

Topic	24 Engine: activated charcoal filter system - emissions warning lamp on, incorrect purge flow, P0441 - 2.5L 5-cyl
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2077640/2
Level	EH
Status	Released for publishing
Release date	Oct 24, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P044100: EVAP Emission Contr.Sys.Incorrect Purge Flow		Intermittent
0001 - Engine electronics	P044100: EVAP Emission Contr.Sys.Incorrect Purge Flow		static

New customer code

Object of complaint	Complaint type	Position
engine -> operation, engine control -> engine control module	control modules, services -> error message	
information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display	functionality -> activates	

New workshop code

Object of complaint	Complaint type	Position
engine -> operation, engine control -> engine control module	control modules, services -> with fault stored in the DTC memory	

Vehicle data

RS3

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8Y*	2022	A		DXH*	*	*
8Y*	2023	A		DXH*	*	*

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0001 - Engine electronics	*8Y0*.907.404.B*	0002	*07K*.907.309.M*	*
0001 - Engine electronics	*8Y0*.907.404.B*	0004	*07K*.907.309.M*	*
0001 - Engine electronics	8Y0.907.404.C	0003	07K.907.309.M	*
0001 - Engine electronics	8Y0.907.404.C	0001	07K.907.309.M	*

Documents

Document name
master.xml
attachment1.png
reparaturtiefe.jpg

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Transaction No.: **2077640/2**

24 Engine: activated charcoal filter system - emissions warning lamp on, incorrect purge flow, P0441 - 2.5L 5-cyl

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Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added Model Year) Revised <i>Service</i> (Extended SVM table)
1	04/15/2025	Initial publication

Customer states:

- The exhaust emissions warning lamp is on.

Workshop findings:

The following DTC and symptom code may be stored in the engine control unit -J623-, (address word 0001):

- DTC P0441:** EVAP Emission Control System Incorrect Purge Flow.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service



Always use DoIP when flashing a control module via ODIS in supported vehicles.

- To activate DoIP, select *Administration >> General >> GFF Process >> DoIP communication >> Only allow DoIP communication*.**
- The setting will automatically reset when the diagnostic session has ended.**
- You can tell if DoIP is active by observing a red LED on the VAS 6154(A).**

Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.

Update the engine control module (J623) using the SVM action code as listed in the table below, if necessary:

Model	Diagnostic Address	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
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RS 3	0001	8Y0 907 404 B	0002	8Y0 907 404 B	0005	01A309
			0004			
		8Y0 907 404 C	0001	8Y0 907 404 C		
			0003			

Please update the engine control unit and reassess the customer complaint.

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.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2470		
Damage Code:	0039		
Labor Operations:	Software update	0151 0010	See SRT with associated operations
	Software update	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2077640/2		

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.

Additional Information

All part and service references provided in this TSB (**2077640**) 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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