

 Connection offline

Vehicle-specific service

Topic	01 PSS Engine: MIL on, DTC P029900 Stored in ECM - V6 TFSI
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2079454/1
Level	EH
Status	Released for publishing
Release date	Sep 30, 2025

Vehicle data

A5 and Q5 Models with EA839evo

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FU*	2025	A		DWVA	*	*
GU*	2025	A		DWVA	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
WA1	*	GU	*	S	*	000000	999999		
WAU	*	FU	*	S	*	000000	999999		

Documents

Document name
master.xml



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Condition

Customer states:

- There is a Drive System fault, exhaust emissions warning lamp is illuminated in the instrument cluster.
- A slight loss of performance noticeable.

Workshop findings:

The following DTC is stored in the Engine Control Unit, J62, (address word 0001):

P029900 Turbo/Super Charger Underboost – symptom 34203 – static/intermittent

Please note: This TSB only applies if the intake temperature is >65°C (refer to example).

+ Identification

- DTC memory entries (Data source: Vehicle)

DTC memory entry

Number:	P029900: Turbo/Super Charger Underboost
Error type 2:	passive/sporadic
Symptom:	34203
Status:	11101000

- Standard ambient conditions

Date:	8/13/25
Time:	11:18:39 PM
Mileage (DTC):	1973
Priority:	2
Frequency counter:	2
Elimination counter / driving cycle:	40

- Expanded ambient conditions

Engine speed	2694.5	rpm
Normed load value	52.94117745	%
Vehicle speed	31	km/h
Coolant temperature	87	°C
Intake air temperature	69	°C
Ambient air pressure	910	mbar
Voltage terminal 30	13.34	V
Dynamic environmental data	20 96 28 11 F1 68 45 12 1C 15 2C 11 F0 44 1F 20 02 0A 6E 11 AC 08 E6 12 16 0B E6	
Unlearning counter according OBD		
Param_OBD AgingCount	40	
Charge air pressure, specified value		
Param_PUwQOp078UWORD	2085.3906	hPa
Air filling, specified value		
Param_RelQOp02344UWORD	127.03125	%
Charge air pressure, actual value		
Param_PQOp078UWORD	1362.4219	hPa
Engine torque		
Param_MdQOp1SWORD	267.0	Nm
Mass flow through throttle valve		
Param_MQOp1UWORD	227.8	kg/h
Relative load value		
Param_RelQOp0234UWORD	71.390625	%

Technical Background

Software issue (engine control unit, address 0001) with charge pressure diagnostics. The complaint only occurs at high ambient temperatures.

Production Solution

Not applicable.

Service

1. Explain to the customer that this matter is being reviewed, and you will be advised if any action is determined to be needed. A result should be available by the end of the 4th quarter of 2025 (subject to change) and that no repairs are necessary at this point.
2. Do not replace any components for this condition since this will not resolve the customer's concern.

3. Create a PSS record in the PSS application through the Pending Service Solutions (PSS) link in AccessAudi (under *Related Links >> Service*).

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:	2470		
Damage Code:	0055		
Labor Operations:	GFF/ Guided Functions	0150 0060	Time stated on the diagnostic protocol
	GFF/ Guided Functions	0150 0010	See SRT with associated operations
Claim Comment:	As per TSB 2079454/1		

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

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

Additional Information

The complaint does not occur during normal vehicle operation. Generally, a low charge level occurs during extended stationary periods during the transportation process or while the vehicle is at the workshop.

All part and service references provided in this TSB (**2079454**) 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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