Connection offline

Technical Service Bulletin

Transaction No.: **2069531/2**

01 MIL on, EVAP pressure/temp sensor incorrect DTC displayed: P202400, P045000, P045200, P24D600, P24D800, P2B7B00

Release date: Sep 25, 2026

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment			
			0001 - Engine electronics			
			Software part number	**Software version**	**Hardware part number**	**Hardware version**
Q5, Q5 e quattro, Q5 Sportback, SQ5, and SQ5 Sportback (FY)	2022 – 2025	All	8W0.906.259.AJ	0003	06L.907.425.E	H08
			4M0.906.014.C	0001	0P2.907.309.A	H31
			4N0.907.559.AG	0002	06M.907.309.G	H11
			4M0.907.559.J	0002	06M.907.309.G	H11
			4M0.907.559.S	0002	06M.907.309.G	H11
			80A.907.559.M	0001	06M.907.309.G	H11
			4M0.907.559.J	0001	06M.907.309.G	H11
			8W0.907.559.AA	0003	06M.907.309.G	H11
			4N0.907.559.T	0003	06M.907.309.G	H11
			4N0.907.559.T	0004	06M.907.309.G	H11
			4K0.907.559.H	0003	06M.907.309.G	H11
			4K0.907.559.H	0002	06M.907.309.G	H11
			4K0.907.559.M	0001	06M.907.309.G	H11
			4M8.907.559.Q	0001	06M.907.309.G	H11
			8W0.907.559.AB	0002	06M.907.309.G	H11
			8W0.907.551.M	0001	06M.907.309.H	H01
			8W0.907.551.M	0001	06M.907.309.H	H11
			4K0.907.557.G	0001	0P2.907.309.A	H31
A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5	2022 - 2023		4N0.907.559.T	0001	06M.907.309.G	H11
			4N0.907.559.AG	0003	06M.907.309.G	H11

Sportback, RS 5, RS 5 Sportback, A6, A6 allroad, S6, RS 6 Avant, A7, S7, RS 7, A8, S8, A3, Q7, SQ7, Q8, SQ8, and RS Q8		8W0.907.551.M	0002	06M.907.309.H	H11
		4N0.907.559.AH	0001	06M.907.309.G	H11
		4K0.907.551.E	0001	06M.907.309.H	H11
		80A.907.559.M	0002	06M.907.309.G	H11
		4N0.907.559.AD	0001	06M.907.309.G	H11
		8W0.907.559.AA	0002	06M.907.309.G	H11
		4N0.907.559.T	0002	06M.907.309.G	H11
		4N0.907.559.T	0001	06M.907.309.M	H01
		83A.906.259.D	0001	06K.907.425.J	H13
		4M8.907.557.G	0001	0P2.907.309.A	H31
		4M0.907.559.J	0003	06M.907.309.G	H11
		8W0.907.559.AA	0001	06M.907.309.G	H11
		8W0.906.259.AJ	0002	06L.907.425.E	H08
		4N0.907.559.AH	0002	06M.907.309.G	H11
		4N0.907.559.AJ	0001	06M.907.309.G	H11
		4N0.907.559.AG	0001	06M.907.309.G	H11
		4N0.907.557.J	0001	0P2.907.309.A	H31
		4M0.907.559.J	0001	06M.907.309.M	H01
A7 e quattro	2022	8W0.907.559.AB	0001	06M.907.309.G	H11
		4N0.906.014.K	0001	0P2.907.309.A	H31
		80A.907.559.L	0002	06M.907.309.G	H11
		4K0.907.557.G	0002	0P2.907.309.A	H31
		4K0.907.559.H	0001	06M.907.309.G	H11
		83A.906.259.D	0002	06K.907.425.J	H13
		4M0.907.559.S	0001	06M.907.309.G	H11
		80A.907.559.L	0001	06M.907.309.G	H11
		8W0.906.259.AJ	0001	06L.907.425.E	H08
		4M0.907.559.Q	0001	06M.907.309.G	H11

REVISION HISTORY		
Revision	**Date**	**Purpose**
2	-	Revised header (Added Model Year 24, 25, FY) Revised *Condition* (updated technical background, and service)
1	04/25/2023	Initial publication

Customer statement:

- The MIL light is on in the instrument cluster.

Workshop findings:

- One of the following DTCs and symptom code combinations are stored in the ECM, J623 (address word 0001):

4-cylinder engines

DTC	Symptom	DTC text
P2024	15275	Temperature sensor for tank breather electrical fault
P0453	15299	Tank Ventilation Pressure Sensor signal too high
P0452	15300	Tank Ventilation Pressure Sensor signal too low
P0450	15301	Tank Ventilation Pressure Sensor
P0451	15302	Tank Ventilation Pressure Sensor implausible signal
P24D7	34281	Tank Ventilation Pressure Sensor 2 short circuit to earth
P24D8	34282	Tank Ventilation Pressure Sensor 2 short circuit to positive

V6/V8 engines

DTC	Symptom	DTC text
P24D6	34275	Tank Ventilation Pressure Sensor 2 implausible signal
P24D6	34276	Tank Ventilation Pressure Sensor 2 implausible signal
P2B7B	34307	Tank Ventilation Pressure Sensor 3 implausible signal
P2B7B	34308	Tank Ventilation Pressure Sensor 3 implausible signal

U0641	34080	Tank Ventilation Pressure Sensor no communication
P0450	34082	Tank Ventilation Pressure Sensor

Technical Background

An incorrect event memory may be logged in the engine control unit. This can lead to it not being possible to solve the problem in Guided Fault Finding. The correction for this can be found in the table under "Measure".

Production Solution

Gradually

Service

The **actual event memory entry shown** is in the table on the left and the **event memory entry that should be shown** is in the table on the right.

For clarification/explanation, please see the example below.

4-cylinder engines

Logged in event memory			**Test to be conducted (GFF)**		
DTC	**Symptom**	**Event memory entry text (service)**	**DTC**	**Symptom**	**Event memory entry text (service)**
P2024	15275	Temperature sensor for tank breather electrical fault	P2026	44092	Temperature sensor for tank breather voltage too low (J909)
P0453	15299	Tank Ventilation Pressure Sensor signal too high	P24D8	44044	Tank Ventilation Pressure Sensor 2 short circuit to positive (G400)
P0452	15300	Tank Ventilation Pressure Sensor signal too low	P24D7	44037	Tank Ventilation Pressure Sensor 2 short circuit to earth (G400)
P0450	15301	Tank Ventilation Pressure Sensor	P24D5	44036	Tank Ventilation Pressure Sensor 2 electrical fault (G400)
P0451	15302	Tank Ventilation Pressure Sensor implausible signal	P24D6	44038	Tank Ventilation Pressure Sensor 2 implausible signal (G400)
P24D7	34281	Tank Ventilation Pressure Sensor 2 short circuit to earth	P0452	44112	Tank Ventilation Pressure Sensor signal too low (G950)
P24D8	34282	Tank Ventilation Pressure Sensor 2 short circuit to positive	P0453	44116	Tank Ventilation Pressure Sensor signal too high (G950)

V6/V8 engines

Logged in event memory	**Test to be conducted (GFF)**

DTC	Symptom	Event memory entry text (service)	DTC	Symptom	Event memory entry text (service)
P24D6	34275	Tank Ventilation Pressure Sensor 2 implausible signal	P0451	44126	Tank Ventilation Pressure Sensor implausible signal (G950)
P24D6	34276	Tank Ventilation Pressure Sensor 2 implausible signal	P0451	44127	Tank Ventilation Pressure Sensor implausible signal (G950)
P2B7B	34307	Tank Ventilation Pressure Sensor 3 implausible signal	P24D6	44161	Tank Ventilation Pressure Sensor 2 implausible signal (G950)
P2B7B	34308	Tank Ventilation Pressure Sensor 3 implausible signal	P24D6	44162	Tank Ventilation Pressure Sensor 2 implausible signal (G950)
U0641	34080	Tank Ventilation Pressure Sensor no communication	U01C4	44102	Tank Ventilation Pressure Sensor 3 no communication (GX49)
P0450	34082	Tank Ventilation Pressure Sensor	P2B7A	44104	Tank Ventilation Pressure Sensor 3 electrical fault (GX49)

Example on a V6 engine:

If the DTC *P24D6 with symptom 34275 - "Tank Ventilation Pressure Sensor 2 implausible signal"* is logged, run Guided Fault Finding test plan for DTC *P0451 with symptom 44126 - "Tank Ventilation Pressure Sensor implausible signal – (G950)"* on component G950.

Warranty

The TSB number must always be noted in the "HST number" field in SAGA for ease of processing.

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.
Service Number:	2041
Damage Code:	0040
Claim Comment:	As per TSB 2069531/2

Additional Information

All part and service references provided in this TSB (**2069531**) 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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