

Technical Service Bulletin

Topic	20 Fuel System DTC P014800 or P008700 stored in ECM
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2079461/1
Level	EH
Status	Released for publishing
Release date	Oct 14, 2025

New customer code

Object of complaint	Complaint type	Position
engine -> fuel supply -> high-pressure fuel pump	noises, vibrations -> too loud	

Vehicle data

A4/A5/A6/A7/Q7

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4A*	2020	A		*	*	*
4A*	2021	A		*	*	*
4A*	2022	A		*	*	*
4A*	2023	A		*	*	*
4A*	2024	A		*	*	*
4A*	2025	A		*	*	*
4K*	2020	A		*	*	*
4K*	2021	A		*	*	*
4K*	2022	A		*	*	*
4K*	2023	A		*	*	*
4K*	2024	A		*	*	*
4K*	2025	A		*	*	*
4M*	2020	A		*	*	*
4M*	2021	A		*	*	*
4M*	2022	A		*	*	*
4M*	2023	A		*	*	*
4M*	2024	A		*	*	*
4M*	2025	A		*	*	*
8W*	2020	A		*	*	*
8W*	2021	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8W*	2022	A		*	*	*
8W*	2023	A		*	*	*
8W*	2024	A		*	*	*
8W*	2025	A		*	*	*
F5*	2020	A		*	*	*
F5*	2021	A		*	*	*
F5*	2022	A		*	*	*
F5*	2023	A		*	*	*
F5*	2024	A		*	*	*
F5*	2025	A		*	*	*

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2079461/1**

20 Fuel System DTC P014800 or P008700 stored in ECM

Release date: Oct 14, 2025

Condition

Customer states:

- MIL light is on or the limp-home function activates.

Workshop findings:

The following DTCs are logged in *the Engine Control Unit -J623-*, (address word 0001):

- **P014800:** Fuel Delivery Error

or

- **P008700:** Fuel Rail/System Pressure - Too Low

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

Clear the DTCs P014800 and P008700 from the Engine control unit. If the DTC(s) are set again, perform the tests connected to testing the low-pressure pump per the repair manual ELSA, please note if fault does not reset and vehicle is in for the first time no further diagnosis is required:

- “Checking fuel delivery rate”

and

- “Pressure test in the fuel supply line”.

Follow the following procedure if concern reproducible or static:

- Install the VAS 6550 pressure gauge on the low-pressure side just before the high-pressure fuel pump, so that the in-line fuel pressure on the low-pressure side can be monitored while the engine is running. Please select the self-diagnosis function in ODIS-S and set up a graph of measured high-pressure measured values (Actual VS. Specified), so that the in-line fuel pressure on the high-pressure side can be monitored while the engine is running.
- While the engine is running, monitor the in-line fuel pressures on the high and low side. If the pressure on the low side does not drop below 3 bar and the pressure on the high side does not exceed 20 bar, the high-pressure fuel pump should be replaced.

Follow the following procedure for **repeat repairs** in cases where the concern is not reproducible:

- Check the expanded ambient conditions for DTCs P014800 and P008700. If the fuel rail pressure (i.e. on the high-pressure side) is approximately 10 bar, please proceed with replacing with replacing the High-pressure fuel pump before replacing any other parts connected to the fuel system.

The example below can be used as a reference, the actual fuel pressure at the rail is 880 kPa (8.8bar) highlight in the blue box. The Specified value is 243.5 bar highlighted in yellow. In this case the high-pressure fuel pump would need to be replaced.

DTC memory entry

Number:

Error type 2:

Symptom:

Status:

P008700: Fuel Rail/System Pressure - Too Low
 active/static
 15059
 11101101

- Standard ambient conditions:

Date: 6/10/25
 Time: 9:42:42 AM
 Mileage (DTC): 34128
 Priority: 2
 Frequency counter: 1
 Elimination counter / driving cycle: 40

- Expanded ambient conditions:

Engine speed 1926.75 rpm
 Normed load value 99.60784498 %
 Vehicle speed 43 km/h
 Coolant temperature 74 °C
 Intake air temperature 24 °C
 Ambient air pressure 980 mbar
 Voltage terminal 30 12.968 V
 20 96 28 11 DB 00 58 29 3B 09 83 14 1C
 Dynamic environmental data F7 A8 20 70 03 13 3F FC 38 04 0C 79 20
 28 13 88

Unlearning counter according OBD

Param_OBD AgingCount 40

FUP_H_SAE

Param_FUPHSAE 880.0 kPa

Fuel high-pressure, specified value

Param_Press16Usign10 243.5 bar

FAC_LAM_LIM[1]

Param_FACLAMLIM1 -3.2592773 %

Rail pressure regulation, status

Param_FuelPressRegulStatuBs Control operation

FTL_SAE

Param_FTL_SAE 98.82353 %

Accelerator pedal position

Param_AccelPedalPosit 31.93 %

Activation of fuel pump electronics

Param_Perce16Usign100 50.0 %

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2374		
Damage Code:	0010		
Labor Operations:	Remove and install high-pressure pump	2463 19XX	See SRT with associated operations
	Remove and install 2 high-pressure pumps	2463 20XX	See SRT with associated operations
	Check fuel pump	2066 0199	50 TU
	Remove and install cover	1083 1900	See SRT with associated operations

Claim Comment:	Remove and install air filter housing (gasoline engines)	2425 19XX	See SRT with associated operations
	GFF/ Guided Functions	0150 0060	Time stated on the diagnostic protocol
	As per TSB 2079461/1		

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.

Additional Information

All part and service references provided in this TSB (**2079461**) 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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