



Technical Service Bulletin

23 Gen 2 Passenger Car V6 TDI NOx Sensor, DTC P220100 - Repair Authorization

23 21 56 2059205/2 January 25, 2021. Supersedes Technical Service Bulletin Group 23 number 20-54 dated April 16, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, and Q5	2014 - 2016	All	TDI

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised title (Added DTC) Revised <i>Service</i> (Updated Step 3)
1	04/16/2020	Initial publication

Customer states:

- MIL on.

Workshop findings:

One or more of the following DTCs may be stored in the ECM, J623 (address word 0001):

- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 30865).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 30867).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 27318).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 27319).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 26253).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 26255).
- DTC P220100** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 1, DFCC: 27264).

Technical Background

Various parts have been replaced under warranty for the condition noted above, but no issues were identified with these parts. In an effort to gain information on the DTC codes for the vehicles listed above, we are asking that you contact the Audi Technical Assistance Center (TAC) before replacing any parts. This will assist us in diagnosing any potential issues with the condition noted above.



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Production Solution

No changes to production have been made, as no issue has been identified.

Service

Audi of America is requesting your cooperation in supplying us with technical information regarding this condition.

1. Verify the condition.
2. If the vehicle has had Campaign 23Z8 performed prior to the DTC (verify in Elsa), open a TAC Web ticket by selecting "I will wait for web response." (Figure 1).

Contact Options: I will call now I will wait for web response (up to 2 business hours)

Figure 1. Contact options.

3. Please attach the DTC and diagnostic log to the TAC ticket. Additionally, attach a clear photograph of the NOx sensor tip and document in the TAC ticket the exact part number of the removed NOx sensor.

Photos should:

- Have a date stamp and VIN reference.
- Be taken in focus and with sufficient light.

4. If Campaign 23Z8 has not been performed, this repair authorization does not apply.
5. Replace the NOx Sensor #1 per the Elsa repair manual.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (2059205) 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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