



Technical Service Bulletin

01 MIL on, DTCs P007100 and P208000 stored in the ECM - TDI only

01 19 21 2055816/1 August 8, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6,	2014, 2016	All	TDI
A7	2014 - 2016	All	TDI
A8	2013 - 2017	All	TDI
Q5	2014 - 2017	All	TDI
Q7	2013 - 2015	All	TDI

Condition

Customer states:

- MIL on.

Workshop findings:

Both of the following DTCs may be stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P007000** (Ambient Air Temperature Sensor Circuit Range/Performance).
- **DTC P208000** (Exhaust Gas Temperature Sensor Circuit Bank 1 Range/Performance).

Technical Background

Failure of the ambient air temperature sensor may create an out of range value for the –G235– exhaust gas temperature sensor causing two faults. Only the –G17– ambient air temperature sensor is faulty.

Production Solution

Not applicable.

Service

In the event of both DTCs being stored, replace ONLY the –G17– ambient air temperature sensor.

Clear all faults from the ECM, and test drive vehicle. If no DTCs return, then no further repairs are necessary.



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Note:

If BOTH of the DTCs are not stored, then this TSB does not apply.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	8759		
Damage Code:	0016		
Labor Operations:	Ambient temperature Sensor remove + reinstall	8759 1900	See SRT
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on the diagnostic protocol (Max 40 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2055816/1		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
8Z0820535	Ambient Temperature Sensor	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA



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Additional Information

All parts and service references provided in this TSB (2055816) are subject to change and/or removal.

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