

Technical Service Bulletin

Topic	19 Cooling system: P218500 temperature sender G83
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2078939/1
Level	EH
Status	Released for publishing
Release date	Aug 15, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P218500: Engine Coolant Temperature Sensor 2 Circuit High		Intermittent
0001 - Engine electronics	P218500: Engine Coolant Temperature Sensor 2 Circuit High		static

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display	functionality -> activates	

New workshop code

Object of complaint	Complaint type	Position
engine -> cooling system -> coolant temperature sensor	functionality -> no function	

Vehicle data

8W/F5 DPAA

Sales types

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

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
F5*	2025	A		DPAA	*	*

Documents

Document name
master.xml

Condition

Customer states:

- The exhaust emissions warning lamp (MIL) lights up in the instrument cluster.

Workshop findings:

The following DTC or DTCs and symptom code(s) is/are logged in *the engine control module -J623-*, (address word 0001):

- DTC P218500:** Engine Coolant Temperature Sensor 2 Circuit High.
 - A fault affecting temperature sender G83 is identified during Guided Fault Finding.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

When replacing the temperature sender G83, it is important to make sure that the connecting cable is free of tension.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1978		
Damage Code:	0040		
Labor Operations:	Remove and install temperature sender G83	1978 1933	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2078939/1		

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 (**2078939**) 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.

©2025 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.