

Technical Service Bulletin

Topic	90 Warning in cluster "Radiator blind - fault. Maximum speed limit to 10 mph" DTC's P05AF00, P05B200, P05A000, P05A300
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2074984/3
Level	EH
Status	Released for publishing
Release date	Feb 13, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P05A300: Active Grille Air Shutter "A" Control Circuit Range/Performance		static
0001 - Engine electronics	P05AF00: Active Grille Air Shutter "B" Stuck On		Intermittent
0001 - Engine electronics	P05A300: Active Grille Air Shutter "A" Control Circuit Range/Performance		Intermittent
0001 - Engine electronics	P05AF00: Active Grille Air Shutter "B" Stuck On		static
0001 - Engine electronics	P05B200: Active Grille Air Shutter "B" Control Circuit Range/Performance		Intermittent
0001 - Engine electronics	P05B200: Active Grille Air Shutter "B" Control Circuit Range/Performance		static
0001 - Engine electronics	P05A000: Active Grille Air Shutter "A" Stuck On		Intermittent
0001 - Engine electronics	P05A000: Active Grille Air Shutter "A" Stuck On		static

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> instrument displays	control modules, services	
engine -> engine operation -> engine output characteristic	functionality -> operation sequence incorrect	
engine -> cooling system -> engine radiator	component, automotive fluids -> damaged	
engine -> cooling, lubrication -> coolant fan control	functionality -> operation sequence incorrect	
engine -> engine operation -> engine running	functionality -> irregular	
information, navigation, communication, entertainment -> indicator display symbols	functionality	

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> information display symbols	functionality	
information, navigation, communication, entertainment -> malfunction display symbols	functionality	
information, navigation, communication, entertainment -> instrument displays -> instrument cluster display	functionality -> operation sequence incorrect	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> text display	functionality -> activates	
information, navigation, communication, entertainment -> instrument cluster, displays, screens -> instrument cluster	control modules, services -> error message	
information, navigation, communication, entertainment -> instrument cluster, displays, screens	functionality	
information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display	functionality -> activates	
information, navigation, communication, entertainment -> instrument displays -> instrument cluster display	functionality -> gives incorrect reading	
information, navigation, communication, entertainment -> warning display symbols -> active warning warning display	functionality -> activates	
information, navigation, communication, entertainment -> warning display symbols	functionality	
information, navigation, communication, entertainment -> malfunction display symbols -> engine management malfunction display (diesel)	functionality -> activates	

Vehicle data

A3 with FPK2+ BO

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8Y*	2022	A		DNVB	*	*
8Y*	2023	A		DNVB	*	*
8Y*	2024	A		DNVB	*	*

PR numbers

PR numbers
? :with 7J3
? :or ? :with 9S8
? :or ? :with 9S9

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0017 - Instrument cluster	*	0212	*	*
0017 - Instrument cluster	*	0218	*	*
0017 - Instrument cluster	*	0220	*	*
0017 - Instrument cluster	*	0222	*	*

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0017 - Instrument cluster	*	0224	*	*
0017 - Instrument cluster	*	0226	*	*
0017 - Instrument cluster	*	0228	*	*
0017 - Instrument cluster	*	0230	*	*
0017 - Instrument cluster	*	0308	*	*
0017 - Instrument cluster	*	0310	*	*
0017 - Instrument cluster	*	0316	*	*
0017 - Instrument cluster	*	0318	*	*
0017 - Instrument cluster	*	0320	*	*

A3 with FPKmedium CO

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8Y*	2022	A		DNVB	*	*
8Y*	2023	A		DNVB	*	*
8Y*	2024	A		DNVB	*	*

PR numbers

PR numbers
? :with 7J2
? :or ? :with 9S1

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0017 - Instrument cluster	*	5330	*	*
0017 - Instrument cluster	*	5345	*	*
0017 - Instrument cluster	*	7340	*	*
0017 - Instrument cluster	*	7362	*	*
0017 - Instrument cluster	*	7364	*	*
0017 - Instrument cluster	*	7370	*	*
0017 - Instrument cluster	*	7380	*	*

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2074984/3**

90 Warning in cluster "Radiator blind - fault. Maximum speed limit to 10 mph" DTC's
P05AF00, P05B200, P05A000, P05A300

Release date: Feb 13, 2025

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Condition</i> (Updated DTC in Workshop findings) Revised <i>Service</i> (Updated Verbiage)
2	12/16/2024	Revised <i>Service</i> (Updated Verbiage)
1	08/29/2024	Initial publication

Customer states:

The message ***"Radiator blind: fault. Maximum speed limited to 10 mph. Please contact workshop"*** is shown in the Audi virtual cockpit.

The message usually no longer appears after the ignition is switched off and then on again.

Workshop findings:

One or more of the following DTC's (intermittent/static) are stored in the engine control unit J623 (diagnostic address 0001):

- **P05AF00:** Active Grille Air Shutter "B" Stuck On.
- **P05B200:** Active Grille Air Shutter 'B' Control Circuit Range/Performance.
- **P05A000:** Active Grille Air Shutter "A" Stuck On.
- **P05A300:** Active Grille Air Shutter 'A' Control Circuit Range/Performance.

Technical Background

The message appears due to a radiator blind fault.

If the fault occurs, the vehicle's maximum speed is limited to 100 mph and **NOT** to 10 mph as shown in the message. The correct message which should be shown if there is a radiator blind fault is ***"Radiator blind: fault. Maximum speed limited to 100 mph. Please contact workshop"***.

Software issue in the Audi virtual cockpit relating to the incorrect maximum speed (10 mph rather than 100 mph) shown in the message which appears in the Audi virtual cockpit when a radiator blind fault occurs.

Production Solution

Not applicable.

Service

Before performing the update described below, activate DoIP (Diagnostics over Internet Protocol) communication in the ODIS tester as follows:

“Administration” → “General” → “GFF Process” → option to select communication path → “Only allow DoIP communication”.

The settings will be reset automatically at the end of every diagnostic session and “Only allow DoIP communication” will no longer be selected. Diagnostic interface VAS 6154 or VAS 6154A is required to use DoIP communication.

Using SVM code **17A051**, update the Audi virtual cockpit (diagnostic address 0017) to software version 0232 or 0322 or 5350 or 7391 (target software version depends on the installed version of the Audi virtual cockpit and the vehicle model year).

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9025		
Damage Code:	0039		
Labor Operations:	Software update	0151 0010	See SRT with associated operations
	Software update	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2074984/3		

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 (**2074984**) 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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