



Technical Service Bulletin

01 DTC(s) P195000, P10EF00, and/or B10F000 stored in engine control module or heating/air conditioning electronics

01 18 76 2047707/6 June 12, 2018. Supersedes Technical Service Bulletin Group 01 number 18-51 dated January 26, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2017 - 2018	All	Not Applicable
S4, S5, and SQ5	2018	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised header data (Added models)
5	01/26/2018	Revised <i>Service</i> (Added SVM table) Revised <i>Warranty</i> (Updated Labor Operations) Revised <i>Additional Information</i> (Updated disclaimer)
4	10/20/2017	Revised title (Added DTCs) Revised <i>Condition</i> (Updated concern and added Note) Revised <i>Technical Background</i> (Updated cause) Revised <i>Service</i> (Updated procedure) Revised <i>Warranty</i> (Added table) Revised <i>Required Parts and Tools</i> (Added table)

Customer states:

- The air conditioning system sometimes does not work, only warm air comes out of the vents
- The MIL is sometimes on in connection with poor engine performance

Workshop findings:

One or more of the following DTC(s) can be entered into the engine control module (ECM), J623 (address word 0001):

- **DTC P195000** (cooling fan -V7 - stiff/blocked)

And/or

- **DTC P10EF00** (restricted function because of radiator fan failure)



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And/or the following DTC can be stored in the heating/air conditioning electronics, E87 (address word 0008):

- **DTC B10F000** (restricted function because A/C compressor was switched off by engine)



Note:

After terminal 15 cycle/ignition cycle the air conditioning works again and the engine emergency operation ends.



Tip: This DTC has no effect on the function of the cooling fan and does not indicate a failure in the cooling fan.

Technical Background

Voltage drop at hot start causes a DTC(s) to appear without cause.

Production Solution

Not applicable.

Service

Vehicles with 2.0 TFSI engine:

If this DTC is discovered during service or any other unrelated repair, erase the DTC upon exiting GFF.

When diagnosing this DTC due to a customer concern, only replace the cooling fan if the GFF test result instructs to replace the cooling fan.

Vehicles with 3.0 TFSI engine:

- Update the engine control module (ECM), J623 (address word 0001) using the SVM action code as listed in the table below, if necessary (see TSB 2011732: *00 Software Version Management (SVM), operating instructions*):

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
S4/S5 (all)	CWGD	8W0907559H	< 0008	8W0907559H	0008	01A234
SQ5	CWGD	80A907559C	< 0007	80A907559C	0007	01A234



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Warranty

Claim Type:	<ul style="list-style-type: none">• 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:	1908		
Damage Code:	0040		
Labor Operations:	3.0T engine only:		
	Connect battery charger and perform software update with SVM	2470 2599	50 TU
Diagnostic Time:	GFF - (2.0TFSI and 3.0T)	0150 0000	Time stated on diagnostic protocol (Max 20 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2047707/6		

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

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All parts and service references provided in this TSB (2047707) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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