Technical Service Bulletin Transaction No.: **2077593/3**

19 Engine temperature too high 4-cyl. 2.0 TFSI; P00B700, P011600; P268100 Release date: Oct 22, 2026

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment			
Q5, and SQ5	2018 – 2025	All	0001 – Engine Electronics			
			Software part number	**Software version**	**Hardware part number**	**Hardware version**
Q5 e quattro	2020 – 2025		8Y0.906.259.J	0001	*	*
Q5 Sportback, and SQ5 Sportback	2021 – 2025		*4M0*.906.259.AB	0002	*	*
A3, S3, and RS 3	2022 – 2024		*4M0*.906.259.AB	0001	*	*
Q7	2023 - 2026		*80A*.906.259.M*	0005	*	*
			4M0.906.259.AB	0004	*	*
			4M0.906.259.AB	0005	*	*
			8Y0.906.259.J	0002	*	*
			4M0.906.259.AH	0001	*	*
			8Y0.906.259.J	0004	*	*
			4M0.906.259.AH	0002	*	*
			80A.906.259.M*	0001	*	*
			80A.906.259.M*	0004	*	*
			80A.906.259.M*	0002	*	*
			80A.906.259.M*	0003	*	*
			8Y0.906.259.J	0003	*	*
			4M0.906.259.AB	0003	*	*

REVISION HISTORY		
Revision	**Date**	**Purpose**
3	-	Revised header (Added model)

		Revised *Service* (added software)
2	05/29/2025	Revised title (Updated for clarity)
1	04/14/2025	Initial publication

Customer states:

- The coolant temperature warning lamp lights up.

and/or

- The exhaust emissions warning lamp (MIL) lights up

Workshop findings:

One of more of the following DTC(s) are stored in *the engine control module* -J623-, (address word 0001):

- **DTC P00B700:** Engine Coolant Flow Low/Performance.
- **DTC P011600:** Engine Coolant Temperature Sensor 1 Circuit Range/Performance.
- **DTC P268100:** Coolant bypass valve control - Open circuit.

Technical Background

The software for the engine control module, J623 (address word 0001) needs to be updated.

Production Solution

Not applicable.

Service

Applies to vehicles with high-voltage components:

> **NOTICE**
>
> **To prevent charging of the high-voltage battery during the software update, the high-voltage cable is to be removed BEFORE entry of the SVM code on vehicles with high-voltage components.**

Charging the high-voltage battery during a software update can damage the high-voltage components.

> **NOTICE**
>
> **Always use DoIP when flashing a control module via ODIS in supported vehicles.**

To Activate DoIP, select Administration>>General>>GFF Process>>DoIP communication>>Only allow DoIP communication.

This setting will automatically reset when the diagnostic session has ended. You can tell if DoIP is active by observing a red LED on the VAS 6154(A).

Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*

Update the engine control module (J623) using the SVM action code as listed in the table below, if necessary:

Model Code	Diagnostic Address	Old Software Part Number	Old Software Version (or lower)	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
4M*	0001	4M0 906 259 AH	0002	4M0 906 259 AH	0003	01A320
		4M0 906 259 AB	0005	4M0 906 259 AB	0006	
FY*		80A 906 259 M	0005	80A 906 259 M	0006	01A267
8Y*		8Y0 906 259 J	0004	8Y0 906 259 J	0005	

Note: The engine control unit software must be updated on this vehicle. Please observe the information and instructions under “Customer information” in regard to this.

Warranty

The TSB number must always be noted in the “HST number” field in SAGA/2 for ease of processing.

If you are billing according to the warranty guidelines, please note the following accounting instructions:

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1958		
Damage Code:	0017		
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 2077593/3		

Please note the information on predecessors and items that are included and excluded in the repair operations, as well as any associated tasks.

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 software must be updated on a control unit in this vehicle, or the software must be updated on several control units in this vehicle to ensure they function correctly in conjunction with the other control units in the vehicle. Please inform the customer about the software update in question and ask whether they or other third parties have modified the software (e.g. tuning or retrofitting involving modifications to the vehicle’s software). Please inform the customer

that this software update may neutralize previous modifications to the vehicle's software performed either by the customer or other third parties.

If the customer declines the software update, please inform them that this could lead to issues or restrictions with the use of the vehicle or individual components.

Make a note to this effect on the order before it is signed by the customer. Include this information in the customer file.

All part and service references provided in this TSB (**2077593**) 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.

©2026 Audi of America, LLC / Audi Canada 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, LLC / Audi Canada 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.