

Technical Service Bulletin



24BN UPDATE – ECM Software Update (FED_EMS)

June 17, 2015

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8	2015 – 2016	See Campaign/Action screen in Elsa	3.0L TFSI

Revision Summary

Updated instructions to reactivate start/stop functionality after update.

Condition

This Update has been proactively released to prevent the following condition from occurring in the vehicle:

On Audi A6, A7 and A8 vehicles with 3.0L TFSI engines manufactured within a specific period, the ambient air temperature sensor may be incorrectly diagnosed in the engine control unit.

This Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the **24BN** code in the Elsa Campaign/Action Information screen on the day of repair.
- Vehicle must be within the Federal Emissions Warranty.
- Procedure must be performed within the allotted time frame stated in this Technical Service Bulletin.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

Technical Background

On Audi A6, A7 and A8 vehicles with 3.0L TFSI engines manufactured within a specific period, the ambient air temperature sensor may be incorrectly diagnosed in the engine control unit.

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Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Using Audi Flashing, update the ECM, using the SVM action code as listed in the table below.

Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
4G2907551	All	4G2907551B	0001	24BNA224
4G2907551A		4G2907551A	0004	
4H2907551A		4H2907551A	0005	

If message indicating that there is a start stop system fault and it is unavailable perform the following steps.

1. Go into 01 Module OBD
2. Select adaptations
3. Select activation of start stop
4. Double click on entry column
5. Select active from drop down
6. Select apply. Active should now be displayed in the value column.

NOTE

If the Bluetooth wireless VAS 5054A transmitter head is used in conjunction with a VAS tester, the transmitter head **MUST BE** connected with a USB cable to the tester.

WARNING

The Bluetooth function of the scan tool **MUST BE PHYSICALLY SWITCHED OFF** prior to performing this update. <See pictures>



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Warranty

Claim Entry Instructions

After campaign has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action open on the day of repair to the repair order.

If customer refused campaign work:

- ✓ U.S. dealers: Submit the request through Audi Warranty Online under the Campaigns/Update option.
- ✓ Canada dealers: Fax repair order to Warranty at (905) 428-4811.

Service Number	24BN	
Damage Code	0099	
Parts Vendor Code	002	
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90	
Vehicle Wash/Loaner	Do not claim wash/loaner under this action	
Criteria I.D.	4G	
	Connect battery charger. Labor operation: 2706 8950 10 T.U. --and-- Perform software update via SVM Labor operation: 2470 2599 Time state on diagnostic protocol (average 23TU)	
Criteria I.D.	4H	
	Connect battery charger. Labor operation: 2706 8950 10 T.U. --and-- Perform software update via SVM Labor operation: 2470 2599 Time state on diagnostic protocol (average 23TU)	

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- Additional Actions** Some of the affected vehicles may be involved in additional Actions. Please check your Elsa Campaign/Action Information screen so that any *additional required work can be done simultaneously.*
- Verifying Vehicle Eligibility** To verify vehicle eligibility for this Update, *always* check the Elsa Campaign/Action Information screen. The Elsa system is the *only* binding inquiry and verification system; other systems are not valid and *may result in non-payment* of a claim.
- Help for Claim Entry** For questions regarding claim entry, contact Audi Warranty.
- Required Customer Notification** Inform your customer in writing by recording on the Repair Order any and all work that was conducted on the vehicle, including any and all updates completed under this Update.

Additional Information

All parts and service references provided in this Update are subject to change and/or removal. Always check Elsa for the most current version of this document.