

Technical Service Bulletin



24V2 UPDATE – ECM Software Update (FED_EMS)

December 12, 2012

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2012	0009333 - 024032	3.0 TFSI Engine
A7			

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	12/12/2012	Warranty Parameter Updated
1	08/22/2011	Original Release

This Update has been proactively released to prevent the following condition from occurring in the vehicle:
3.0T engine oil level low.

This Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 24V2 code in the ElsaWeb Campaign/Action Information screen on the day of repair.
- Vehicle must be in New 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 vehicles with 3.0L TFSI engine manufactured within a specific period, it is possible that the dynamic oil level warning function is faulty. This can cause the oil level warning lamp to light up even though there is sufficient oil in the engine.

Production Solution

New software in the Engine Control Unit (J623) addressed the condition.

Service

Software Update with SVM code 24V2A001

Because of the large amount of data that has to be transferred to a software update, please note that the remote diagnosis head VAS 5054A must always be connected to the diagnostic tester via the USB cable port, and not via the Bluetooth USB interface.

1. Connect battery charger to vehicle. Select mode on battery charger.
2. Switch off all unnecessary electrical equipment (blower, seat heater, interior light, etc.).



Tip: Make sure there are no electromagnetic interference sources (mobile phone or cordless DECT phone) operating in or near the vehicle while a control unit is being updated.

3. Connect diagnostic tester to vehicle.
4. Select "Audi Flashing" mode (Figure 1).



Figure 1. Audi Flashing.

5. Perform a software update with SVM code **24V2A001**.
- Only the engine control unit is flashed as part of this campaign. Do *not* perform any updates of other control units.

Technical Service Bulletin



- If you receive a message requesting you to check control units, please contact the Technical Assistance Center (TAC) and open a new TAC ticket.

SVM Update Instructions

1. Follow all instructions in the attached TSB 2011732 *00 Software Version Management (SVM), operating instructions*.
2. Update the engine control unit (J623) using the SVM action code as listed in the table below, if necessary.

Model	Engine and/or transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
2012 A6 and A7	3.0T	4G0907551A - 4G0907551A	*	4G0907551A - 4G0907551A	0005	24V2A001

Technical Service Bulletin



Warranty

Update Time Requirements/ Reimbursement	To ensure prompt and proper payment, be sure to immediately enter the applicable reimbursement code listed below upon completion of the repair work. Claims will be paid only for vehicles that show the 37H1 code in the ElsaWeb Campaign/Action Information screen on the day of repair.		
24V2 Saga Claim Entry Procedure Check ElsaWeb to determine whether Update 24V2 is open. Service No.: 24V2 Damage Code: 0099 Parts Manufacturer - Removed part: 002 Claim Type Sold vehicle = 7 10 Unsold vehicle = 7 90 Saga Accounting Instructions			
Criteria ID	Repair operation	Labor Operation Number	TU
4G	Check software level, no update required	0183 01 99	20 TU
	Check and Update Software	2470 25 99	40 TU
There is no reimbursement for vehicle wash or loaner vehicle. If the vehicle is outside of the specified warranty period, the customer has the option to pay for the repair. <i>If the customer agrees to pay for the repair:</i> Fax the information to (248) 754-5093 and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date. <i>If the customer does not agree to pay for the repair:</i> Fax the information to (248) 754-5093 and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.			



Technical Service Bulletin

- Additional Actions** Some of the affected vehicles may be involved in additional Actions. Please check your ElsaWeb Campaign/Action Information screen so that any *additional required work can be done simultaneously*.
- Update Verification** For verification, *always* check the ElsaWeb Campaign/Action Information screen. The ElsaWeb 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 Input** For questions regarding claim input, contact the Warranty Helpline.
- 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

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

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

All parts and service references provided in this RVU are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.