



# Technical Service Bulletin

## RVU - Engine Control Module Update (I3)

01 07 04 Feb. 26, 2007, 2013535/1

Model	Year	VIN Range	Vehicle-Specific Equipment
A3	2006	000150 – 220843	2.0 TFSI engine
A3	2007	000278 – 126375	
A4	2005	405683 – 579570	
A4	2006	000252 – 298020	
A4	2007	000566 – 153974	
A4 Cabriolet	2007	013458 – 023994	
A6	2007	002253 – 107276	4.2 V8 FSI engine
A8	2007	000292 – 014126	

## Condition

This RVU has been proactively released to prevent and correct the following condition from occurring in the vehicle:

**MIL ON and DTC P0601 (ECM malfunction) stored in the Engine Control Module data memory. No driveability concern.**

This Required Vehicle Update (RVU) is in effect for 15 months from date of publication. After that date, this RVU will expire and no longer be in effect.

Vehicle must meet all of the following criteria:

- 1.Procedure is valid only for vehicles that show the I3 code in the ElsaWeb View Campaign inquiry screen on the day of repair.
- 2.Vehicle must be within the Limited New Vehicle Warranty.
- 3.Procedure must be performed within the allotted time frame stated in this Technical Service Bulletin.
- 4.Procedure must also be performed on applicable vehicles in Dealer inventory.

## Technical Background

The cause is the software of the Engine Control Module (ECM).

## Production Solution



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Improved software for the ECM.

## Service

Update the ECM software of the affected vehicles using the SVM action codes listed in the table below.



**Note:**

Any *Update Programming procedure (flash)* may overwrite any tuned ECM or TCM programming. A tuned ECM or TCM is described as any ECM or TCM altered so as to perform outside the normal parameters and specifications approved by Audi of America, Inc.

**Current Tuned ECM or TCM requirements:** If you encounter a vehicle with a tuned ECM or TCM, your dealership must do the following before performing any procedure that updates ECM or TCM programming:

- Notify the owner that their ECM or TCM was found to have been tuned.
- Notify the owner that any damage caused by the tuning of the ECM or TCM (including any adverse emissions consequences) will not be covered by Audi of America, Inc. warranties.
- Obtain the owner's written consent (see attached Control Module Tuning form) for any requested repair *under warranty or outside warranty* that requires flashing, which will automatically overwrite the tuned program.
- Ensure the Control Module Tuning form has been filled out by the owner.
- For A4 (B7) always use the 6017B K Line Adapter to ensure communication to all modules.



**Note:**

Do not use a 6017 or 6017A while flashing. Doing so may result in complete control module failure.



**Tip:** The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.

- After the update programming of the ECM, it is not necessary to set the *Readiness Code*.
- If the update programming aborts for any reason before full completion, restart the procedure again from the beginning. If contacting the Technical Assistance Center, please attach your SVM test plan log to the ticket.
- For further SVM update instructions and troubleshooting, please refer to the *SVM Operating Manual; ElsaWeb TSB 2011732*.



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Model	Engine	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Action Code
A4 Cabriolet	2.0 TFSI	8E0 910 115 B	0110	8E0 910 115 B	0120	NA8ESB24H8
		8E0 910 115 M	0050	8E0 910 115 M	0060	
		8E0 910 115 P	0010	8E0 910 115 P	0020	
		8E1 910 115	0020	8E1 910 115	0030	
A3	2.0 TFSI	8P0 907 115 B	0060	8P0 907 115 B	0070	NA8PSB24H8
		8P0 907 115 G	0030	8P0 907 115 G	0040	
A8	4.2 V8 FSI	4E1 910 560 A	0010	4E1 910 560 A	0040	NA4ESB24H8
A6	4.2 V8 FSI	4F1 910 560 A	0010	4F1 910 560 A	0030	NA4FSB24H8

## Warranty

### Required Vehicle Update Technical Bulletin 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 only be paid for vehicles that show the I3 code in the ElsaWeb View Campaign inquiry screen on the day of repair.

### I3 Data Entry Procedure Use Claim Type RC

Repair Code (Damage Code Field)	Time Units	Work Scope
I311	20 TU	Check software level, no update required
I31A	50 TU	Update engine control unit software - A3 / S3 2.0 ltr. TFSI
I31B	70 TU	Update engine control unit software - A4 2.0 ltr. TFSI
I31D	70 TU	Update engine control unit software - A4 Cabrio 2.0 ltr. TFSI
I31E	60 TU	Update engine control unit software - A6 4.2 ltr. FSI
I31H	60 TU	Update engine control unit software - A8 4.2 ltr. FSI
There is no reimbursement for vehicle wash or loaner vehicle.		

The system automatically enters parts and labor applicable to the above listed code.

### If a vehicle cannot be corrected or reached

Pick a code from the list below to best describe the reason why the vehicle cannot be corrected or reached. Enter the code into the system.

- I320 Customer Refused Repairs



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- I330 Total Loss
- I340 Vehicle Stolen
- I350 Vehicle Exported

## If the vehicle is outside of the specified warranty period

The customer has the option to pay for the repair.

- *If the customer agrees to pay for the repair:*

The dealer should enter I310 (no pay) claim into the warranty system. This will close the code out of ElsaWeb. In this claim, the dealer should note the actual repair order number and date of repair in the comment lines.

- *If the customer does not agree to pay for the repair:*

The dealer should enter a I320 (no pay) claim into the warranty system to indicate that the customer has refused the repair.

### 24H8 Saga Claim Entry Procedure

Check ElsaWeb to determine whether the **I3 / 24H8** campaign is open.

**Service No.:** 24H8

**Damage Code:** 0066

**Parts Manufacturer - Removed part:** 002

**Claim Type**

Sold vehicle = 7 10

Unsold vehicle = 7 90

### Saga Accounting Instructions

02 = Audi A3 / Audi S3 2.0 ltr. TFSI                      Repair operation: 2470 25 99    50 TU

03 = Audi A4 2.0 ltr. TFSI                                Repair operation: 2470 25 99    70 TU

05 = Audi A4 Cabrio 2.0 ltr. TFSI                      Repair operation: 2470 25 99    70 TU

08 = Audi A6 4.2 ltr. FSI                                 Repair operation: 2470 25 99    60 TU

11 = Audi A8 4.2 ltr. FSI                                 Repair operation: 2470 25 99    60 TU

**If the vehicle is outside of the specified warranty period, the customer has the option to pay for the repair.**

*If the customer agrees to pay for the repair:*

Fax the information to VWoA and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.

*If the customer does not agree to pay for the repair:*

Fax the information to VWoA and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.

### Additional Required Vehicle Update Technical Service Bulletins

Some of the affected vehicles may be involved in additional Required Vehicle Update Technical Service Bulletins. Please check your ElsaWeb Campaign/Action Information screen so that any *additional required work can be done simultaneously.*



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<b>Required Vehicle Update Technical Service Bulletin Verification</b>	For verification, <i>always</i> check the ElsaWeb Campaign/Action Information screen. The ElsaWeb system is the <i>only</i> binding inquiry and verification system; other systems are not valid and <i>may result in non-payment</i> of a claim
<b>Help for Claim Input</b>	For questions regarding claim input, contact your appropriate Warranty Claim specialist. Please do <i>not</i> contact the Campaign Helpline regarding claim input.
<b>Required Customer Notification</b>	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 Technical Service Bulletin.

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