Technical Service Bulletin

37H1 UPDATE– ECM/TCM Software Update (FED_EMS)

October 30, 2012

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8, S8	2013	004908 - 013096	4.0L TFSI w/ 8 Speed Transmission

Condition

On Audi A8 and S8 vehicles with 4.0L engine shifting operation of the gearbox may feel uncomfortable.

This Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 37H1 code in the ElsaWeb 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 A8 and S8 vehicles with 4.0L engines shifting operation of the gearbox may feel uncomfortable.

Production Solution

New software in the Engine Control Unit and Transmission Control Unit addressed the condition.

Technical Service Bulletin

Audi

Service

SVM Update Instructions

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

   Ensure the diagnostic tester is plugged into an 110V AC power supply at all times. If using the Bluetooth wireless transmitter head is being used the transmitter head MUST BE connected with a USB cable to the tester.

2. Update the ECM (J623) and TCM (J217) using the SVM action code as listed in the table below as 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
A8	4.0L TFSI CEUA	4H0906014B	0001	4H0906014B	0002	37H1A001
S8	4.0L TFSI CGTA	4H0907557B	0001	4H0907557B	0002	37H1A001
A8	0BK 8 Speed	4H1927158BK	ALL	4H1927158BK	1004	37H1A001
A8	0BK 8 Speed w/ Sport differential	4H1927158CA	ALL	4H1927158CA	1004	37H1A001
S8	0BK 8 Speed	4H1927158BL	ALL	4H1927158BL	1004	37H1A001

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.

37H1 Saga Claim Entry Procedure

Check ElsaWeb to determine whether Update **37H1** is open.

Service No.: 37H1

Damage Code: 0099

Parts Manufacturer - Removed part: 002

Claim Type

Sold vehicle = 7 10

Unsold vehicle = 7 90

> **Vehicles may have more than one criteria. Complete and claim all applicable criteria on <u>one</u> claim.**

Saga Accounting Instructions

Criteria ID	Repair operation	Labor Operation Number	TU
All	Check software level, no update required	0183 00 99	20 TU
-OR-			
01	Update ECM Software	3730 25 99	40 TU
Both 01 and 02	Update ECM and TCM Software	3730 26 99	60 TU
02	Update TCM Software	3730 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.

If the customer agrees to pay for the repair:

Fax the information to (248) 754-5093 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 (248) 754-5093 and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.

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 will be necessary to complete this procedure:

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

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