

# Technical Service Bulletin



## MIL on (DTC P2106 18538) - ECM update

24 07 02 Jan. 18, 2007, 2010878/5. Supersedes Technical Service Bulletin Group 24 number 06-05 dated Dec. 7, 2006 due to updated software information.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2005 - 2006	All	3.2L FSI V6 FSI
A4	2005 - 2006	All	

## Condition

Malfunction Indicator Lamp (MIL) may be illuminated.

**DTC P2106 18538** (Throttle Actuator Control System - Forced Limited Power) may be present.

## Technical Background



### 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 - whether under warranty *or* outside warranty - that requires flashing that will automatically overwrite the tuned program.

## Production Solution

New software in the Engine Control Module resolved the problem.

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## Service

- Ensure the Control Module Tuning form (see attachments) has been filled out by the owner.

### For A4 (B7) ONLY:

- 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.**

- Update the *Engine Control Unit* using the SVM action code as listed in the table below:

Model	Engine	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
A4 (B7)	V6 3.2 FSI	8E0 910 559 D	all versions	8E1 910 559 D	010	NA8E24MT01
		8E0 910 559 F				
		8E0 910 559				
		8E1 910 559 C	all versions	8E1 910 559 E	010	
A6 (C6)	V6 3.2 FSI	4F0 910 115 A	all versions	4F2 910 559 B	020	NA4F24MT01
		4F1 910 559 B				
		4F1 910 559 F				
		4F1 910 559 E				
		4F2 910 559	all versions	4F2 910 559 C	020	



**Tip: The SVM Process must be completed in it's 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.**

- For further SVM update instructions and troubleshooting please refer to the *SVM Operating Manual; ElsaWeb TSB 2011732*

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## Warranty

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:			
Claim Type:	W2		
Part Identifier:	2470		
Labor Operation:	2470 2547	Insert Labor Operation Description from ElsaWeb here	100 TU
Diagnostic Time:	Diagnostic time reimbursement follows guidelines printed in Section 2.2 of the <i>Audi Warranty Policies and Procedures Manual</i>		
Claim Comment:	As per TSB #2010878/4		

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 following technical service bulletin will be necessary to complete this procedure:

- 2011732; Software Version Management (SVM) Operating Manual

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