

# Technical Service Bulletin



## 37 Shift concerns when slowing vehicle

37 15 59 2028279/3 July 14, 2015. Supersedes Technical Service Bulletin Group 37 number 12-37 dated February 6, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2006 - 2011	All	Audi quattro

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (SVM table corrected; VAS-PC instructions removed)
2	2/3/2012	Revised header data (Added model codes)
1	1/10/2012	Initial publication

Customer may report that downshifts are not smooth when the vehicle is slowing down.

## Technical Background

- Update to improved software introduced after production will reduce complaints with shifting characteristics.
- Improved viscosity of ATF lessens clutch grab during clutch activation.

## Production Solution

Optimized ATF (blue) introduced gradually in production years 2005 and 2006.

## Service

### SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the transmission control module, J217 (address word 02), using the SVM action code as listed in the table below, if necessary

Model	Transmission Code	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Code Input	Required Fluid
A6, A6 Avant	09L	4F0910156	All	4F0910156	0070	NA4F37AA01	Use G 055 162 A2 or G 060 162 A2 fluid only
		4F0910157E		4F0910157E	0090		
		4F1910156D		4F1910156D	0070		
		4F1910156E		4F1910156E	0030		
		4F1910156G		4F1910156G	0070		
		4F1910156H		4F1910156H	0080		
		4F1910156P		4F1910156P	0050		
		4F1910156Q		4F1910156Q	0040		
		4F2910156D		4F2910156D	0030		

3. Check the color of transmission fluid in the transmission. If fluid color is blue or green, skip to step 6.
4. Bring transmission up to temperature, then drain and fill the ATF with blue (**G 055 162 A2**) or green (**G 060 162 A2**) fluid.
5. Check and correct level according to the repair manual.
6. When the software update is complete, all of the adaptation values of the shift elements in the transmission control unit are deleted. An adaptation drive is necessary to ensure shift quality. Perform the *Adaptation Drive Procedure*, below.

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## Adaptation Drive Procedure

- For early vehicles (approximately 2006 or older), there is no adaptive test drive procedure. For these vehicles, an extended test drive is necessary and should include a variety of driving conditions such as highway, stop and go, and coasting.
- For later vehicles, the Adaptation Drive is found in GFF or Guided Functions in the transmission control module, J217 (address word 02). Follow the test plan instructions completely and recheck for the concern.

## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	3735		
<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	Drain and fill ATF as instructed	3735 9999	100 TU
	Update TCM software	3730 9999	70 TU
	Perform adaptation drive (If GFF adaptation test drive is not used)	3585 9999	100 TU
<b>Diagnostic Time:</b>	GFF for adaptation drive procedure	0150 0000	Time stated on diagnostic protocol (Max 100 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure (included in adaptation drive)	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB #2028279/3		

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.

## Required Parts and Tools

Part Number	Part Description	Quantity
G 055162A2	Transmission fluid	As needed
G 060162A2	Transmission fluid	As needed

## 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 TSB (2028279) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.