



Technical Service Bulletin

37 Harsh downshifts when braking or harsh 1-2 upshift under acceleration

37 16 69 2029305/12 September 30, 2016. Supersedes Technical Service Bulletin Group 37 number 15-53 dated January 5, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, allroad	2013	All	8-speed OBK
A5	2013	All	8-speed OBK
A5 Cabriolet	2013	All	8-speed OBK
Q5	2013	All	8-speed OBK
A6, A7	2013	All	8-speed OBK
A8	2012	All	8-speed OBK
A8	2013	All	8-speed OBK

Condition

REVISION HISTORY		
Revision	Date	Purpose
12	-	Revised header data (VIN range increased) Revised <i>Service</i> (Increased software levels)
11	01/05/2015	Revised <i>Warranty</i> (Changed Damage Code)
10	07/01/2014	Revised <i>Service</i> (SVM code changed; increased software levels)

Customer may report harsh downshifts while braking or harsh 1-2 upshift under acceleration.

Technical Background

Further transmission control module (TCM), J217 (address word 02), software calibration to improve shift concerns.



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Production Solution

New software in the TCM addresses the condition.

Service

SVM Update Instructions

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

Model Year	Model	Engine and Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
2013	A4, A5, A5 cabriolet allroad	2.0 L with 0BK 8 speed transmission	8K0927158T	All	8K0927158T	1006	02A072
2013	allroad	2.0 L with 0BK 8 speed transmission	8K1927158	All	8K1927158	1005	
2013	Q5	2.0 L with 0BK 8 speed transmission	8R1927158C	All	8R1927158C	1007	
2013	Q5	3.0 L with 0BK 8 speed transmission	8R0927158AM	All	8R0927158AM	1004	
2013	A6/A7	2.0 L with 0BK 8 speed transmission	4G0927158AD	All	4G0927158AD	1004	
2013	A6/A7	3.0 L with 0BK 8 speed transmission	4G1927158A	All	4G1927158A	1006	



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2013	A8	3.0 L with 0BK 8 speed transmission	4H1927158AR	All	4H1927158AR	1007	
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3. Clear adaptations and perform standstill adaptation for 2013 model year.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	3730		
Damage Code:	0040		
Labor Operations:	Update software of TCM	3735 2599	50 TU
	Perform standstill adaptation	3735 5799	60 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2029305/12		

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.



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Additional Information

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

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

All part and service references provided in this TSB (2029305) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.

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