



Technical Service Bulletin

35 Shuddering during the 2 to 1 downshift

35 20 38 2059303/1 May 4, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S6, S7	2016	All	Not Applicable
S6, S7	2017	000001 - 111386	Not Applicable

Condition

Customer states:

- The vehicle shudders when downshifting from 2nd to 1st gear.

Workshop findings:

- The concern can be reproduced and is only reproducible on the 2nd to 1st downshift.
- There are no DTCs in the engine control module (ECM), J623 (address word 0001) and there are no DTCs stored in the transmission control module (TCM), J743 (address word 0002).
- The dual clutch is *completely adapted*.
 - In the TCM, J743 (address word 0002) the measured values "Status_of_Kisspoint_Clutch_1" and "Status_of_Kisspoint_Clutch_2" have the result "Kiss point Broken in", "Biting Point Broken in" or (every other result means that the dual clutch is not completely adapted).

Technical Background

Not applicable.

Production Solution

Improved mechatronics

Service

Try to reproduce the customer concern so that it can be clearly assigned to this TSB.

If the measured values in the TCM, J743 (address word 0002) "Status_of_Kisspoint_Clutch_1" and "Status_of_Kisspoint_Clutch_2" show either clutch is not adapted this TSB does not apply and the clutches should be completely adapted using ODIS guided functions.



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If the conditions above apply (see workshop findings), replace the mechatronic unit according to the repair manual.

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:	3511		
Damage Code:	0015		
Labor Operations:	Remove and install mechatronic unit	3511 1900	See SRT
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2059303/1		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA
Order by VIN	Mechatronics Unit	01
G 052529A2	Dual Clutch Gearbox Oil	08



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Additional Information

All parts and service references provided in this TSB (2059303) are subject to change and/or removal.

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