



Technical Service Bulletin

30 Gearbox leak on gearbox service opening

30 19 23 2053597/1 January 18, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5	2018	N000001 - N022333 Or A000001 - A134620	0CL/0CJ Transmission
A5	2019	A000001 - A011778	0CL/0CJ Transmission
Q5	2018	000001 - 224450	0CJ Transmission
A4, A4 allroad	2018	N000001 - N018803 Or A000001 - A999999	0CK/0CL/0CJ Transmission
A4, A4 allroad	2019	A000001 - A011041	0CK/0CL/0CJ Transmission
A6, A7	2019	000001 - 018158	0HL Transmission

Condition

Customer states:

- Oil is leaking from vehicle.

Or

- There are transmission operation issues due to lack of oil.

Workshop findings:

- ATF leaking from the service opening of the lower bellhousing.

Technical Background

Leaking through the bolt holes of the clutch cover.

Production Solution

Not applicable.



Technical Service Bulletin

Service

Make sure that the oil leak definitely occurs in the bellhousing (clean transmission and apply talcum spray/leak detection spray to locate the concern on the service opening of the bellhousing).

If the oil leak is limited to the service opening in the bellhousing:

- Remove the gearbox according to the repair manual.
- Remove the dual-mass flywheel from the bellhousing according to the repair manual.
- After removing the dual-mass flywheel clean the gearbox housing and locate with talcum spray/leak detection spray the oil leak location on the clutch cover.

If the leak cannot be precisely located with the previous check, perform the following steps:

1. Remove the lower bolt of the cover on the passenger's side of the plastic cover (Figure 1 and Figure 2).



Figure 1. Bolt location.



Figure 2. Leak location.

2. If there is oil residue in the bolt hole, continue with this TSB repair. If there is no oil residue in the bolt hole, create an Audi Technical Assistance Center contact with pictures of the leak and a diagnosis log attached. Then contact Audi Technical Assistance Center for diagnosis assistance.

If the leak is from the bolt of the clutch cover with the gearbox housing, proceed as follows:

1. Remove all bolts of the clutch cover.
2. Clean the bolt holes.
3. Install 12 new bolts for the clutch cover with the part number WHT 002 459 C:



Technical Service Bulletin

- Tightening torque: 12Nm + 90°.
 - The tightening sequence is a diagonal pattern as described in the repair manual.
4. Reinstall the dual mass flywheel into the transmission per the repair manual.
 5. Reinstall the transmission into the vehicle per the repair manual.
 6. Check and adjust the transmission ATF level.
 7. Road test for proper operation.

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3059		
Damage Code:	0050		
Labor Operations:	Remove and install front damping pan	1082 19XX	See SRT
	Check gearbox (locate oil leak)	3435 0199	30 TU
	Remove and install gearbox	3435 19XX	See SRT
	Remove and install dual-mass flywheel	1362 19XX	See SRT
	Clean and powder check the transmission	3435 2999	20 TU
	Remove and Replace bolts for clutch cover (replace bolts, clean holes)	3059 0999	40 TU
	Transmission oil inspect + add	3401 3550	See SRT
Diagnostic Time:	GFF	0121 0002	Time as stated on diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU



Technical Service Bulletin

Claim Comment:	As per TSB #2053597/1
-----------------------	-----------------------

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
WHT002459C	Hexagon Socket Bolt	12
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (2053597) are subject to change and/or removal.

©2019 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.