



# Technical Service Bulletin

## 34 Oil leak from the ATF sump area

34 18 29 2050215/2 February 16, 2018. Supersedes Technical Service Bulletin Group 34 number 18-27 dated January 30, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4 allroad	2017	N000001 - N044921 Or A000001 - A089798	0CK, 0CL, and 0CJ Transmissions
A5	2017	All	0CK, 0CL, and 0CJ Transmissions
A5, A5 Cabriolet, and A5 Sportback	2018	000001 - 005035	0CK, 0CL, and 0CJ Transmissions
A6	2016	All	0CK, 0CL, and 0CJ Transmissions
A6	2017	000001 – 062073	0CK, 0CL, and 0CJ Transmissions
Q5	2018	000001 – 004987	0CK, 0CL, and 0CJ Transmissions

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header data (Added models and updated VIN breaks) Revised <i>Service</i> (Note added to contact Audi Technical Assistance for repairs that require Authorization) Revised <i>Warranty</i> (Updated time units for Noise dampening pan remove + reinstall in Warranty Table 1)
1	01/30/2018	Initial publication

### Customer statement:

- Oil leaking from vehicle.

### Workshop findings:

- Oil leak found in the ATF sump area.



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## Technical Background

Not applicable.

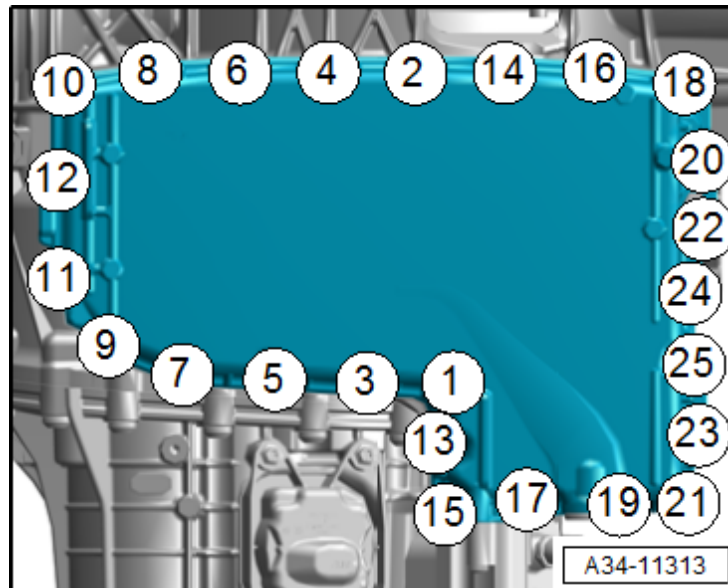
## Production Solution

Improved assembly procedure.

## Service

If the reported oil leak appears to be from the ATF sump area proceed with diagnosis and repair as follows:

1. Take photos of the actual condition and attach to the Repair Order.
2. Retighten the ATF sump bolts with a torque of 5 Nm. Make sure to follow the correct tightening sequence (Figure 1).



**Figure 1.** Tightening sequence.

3. Clean the sump and transmission thoroughly with brake clean and make sure the transmission and sump are dry before proceeding.



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4. Apply oil leak detection spray (Part # G 001 900 A1 or a locally available talcum based oil leak detection spray equivalent) to the sealing area of the sump, ATF cooler, drain plug, and the case half seam (Figure 2).



**Figure 2:** Transmission with oil leak detection spray applied.

5. Test drive the vehicle and reassess the oil leak after the test drive.
6. If there is no further leaking the condition is repaired. Use Claim Warranty Table 1 for this repair.



**Tip:** If there are drips after the test drive as shown (Figure 3) you should be able to determine if the leak is from the ATF sump gasket or if the leak is from elsewhere. Make sure to check for leaks above the sump gasket. Check the seam of the transmission case split and the weep hole of the double seal (Figure 4). Both of these leaks can be confused for an ATF sump gasket leak.



**Figure 3.** Oil leak.



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**Figure 4.** Double seal weep hole location.



**Tip:** If the ATF sump has been diagnosed to be leaking after the all the above checks, replace the ATF sump according to the Repair Manual and recheck for leaks. Use Warranty Table 2 if the ATF sump is replaced. If the repair manual is followed using the special tools, the required wheel alignment should not be necessary.



**Note:**

If the oil leak is not from the ATF sump gasket please open an Audi Technical Assistance contact with the pictures of the leak attached to the ticket and contact Audi Technical Assistance for repair authorization.

## Warranty

**Warranty Table 1 (Retightening bolts repaired oil leak)**

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	3756		
<b>Damage Code:</b>	0050		
<b>Labor Operations:</b>	Noise dampening pan remove + reinstall	1082 9999	50 TU



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	Retighten Mechatronics Cover Bolts	3460 1399	10 TU
	Clean gearbox and apply talcum spray	3435 2999	30 TU
	Check gearbox housing for leaks (incl. photos)	3435 0199	40 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 40 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB #2050215/2		

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.

## Warranty Table 2 (ATF Sump replacement repaired oil leak)

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	3460		
<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	<b>All Models:</b>		
	Noise dampening pan remove + reinstall	1082 9999	50 TU
	Retighten Mechatronics Cover Bolts	3460 1399	10 TU
	Clean gearbox and apply talcum spray	3435 2999	30 TU
	Check gearbox housing for leaks (incl. photos)	3435 0199	40 TU
	<b>A4, A5, and Q5:</b>		
	Remove and install mechatronic unit cover	3460 1900	330 TU
	<b>A6:</b>		



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	Remove and install mechatronic unit cover	3460 1903	190 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 40 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB #2050215/2		

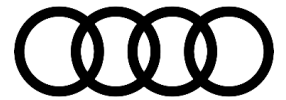
All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

## Required Parts and Tools

### Special Tools for Mechatronics Cover Replacement:

- T10552 Rear Axle Support
- T40043 Ball Joint Puller
- T40335 Strut
- T40334 Locating Pin
- T40386 Mount
- VAS6931 Engine and Gearbox Jack or equivalent
- VAG1331 Torque Wrench 1331 5-50Nm or equivalent

Part Number	Part Description	Quantity
G 001 900 A1	Oil leak detection spray (or equivalent)	Shop Supply
G 055 529 A2	Dual Clutch Gearbox Oil (ATF)	3.5 max
Parts below are only used if the Transmission Oil Sump requires replacement		
Part Number	Part Description	Quantity
0CK 321 359 K	Transmission Oil Sump	1 (If needed)
0CK 325 107 F	Tube	1



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## Additional Information

All parts and service references provided in this TSB (2050215) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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