



# Technical Service Bulletin

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## 34 Oil leak near the transmission cooler

34 22 61 2067365/2 November 15, 2022. Supersedes Technical Service Bulletin Group 34 number 22-58 dated July 11, 2022, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A3 Cabriolet, and S3	2017 - 2023	All	With 0GC Transmission
TT, TT Roadster, and TTS	2019 - 2023		

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Updated labor operation)
1	07/11/2022	Initial publication

### Customer states:

An oil leak is noticed under the front of the vehicle.

### Workshop findings:

The oil leak traced to the area near the transmission oil cooler at the seam of the case (Figure 1).



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*Figure 1. Oil leak at transmission case seam.*

## Technical Background

Not applicable.

## Production Solution

Not applicable.



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## Service

- Clean the transmission and oil cooler area thoroughly in the affected area using suitable workshop materials.
- Dry the area of the leak with rags and/or compressed air.
- Using oil leak detection spray (part number: G 001 900 A1 or equivalent powder-based oil leak detector) on the affected area on gearbox housing.



### Note:

Never use leak detection dyes in Audi transmissions.

- Perform a short road test to warm up the gearbox (engine oil temperature at least 80° C) and assess the leak again (refer to Figure 1, red oval).
- If the leak **cannot** be traced to the areas below the gear oil cooler/separating joint, this TSB does not apply. Continue diagnosis of the oil leak without claiming this TSB.
- If the leak can be clearly traced to the area below the gear oil cooler at the separating joint, you must document your findings with photos that clearly show the leak. Keep the documentation photos with the warranty records of the repair.

Repair the affected area as described below:

- Audi A3 vehicles: Remove the 12-volt battery and battery tray as specified in Workshop Manual. Audi TT models with a 12-volt battery mounted in the trunk do not need the battery removed.
- Remove bolt for housing (Figure 2, red circle). Then check if there is a film of oil in the hole (using a mirror and flashlight) and on the threads of the removed bolt.
- If there is no film of oil in the hole and/or on the bolt for housing, the gearbox must be replaced according to the repair manual (Repair option 2 in the Warranty table).



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**Note:** Audi Technical Assistance contact is not required for this TSB repair. Document your findings with photos.

- If there is a film of oil in the hole and/or on the bolt for housing, replace the bolt with a new bolt for the housing (See Required Parts and Tools table below). Tighten bolt for housing (Figure 3) to a torque of 20 Nm + 90° (Repair option 1 in the Warranty table).
- If necessary: Install battery and battery tray (if previously removed) as specified in Workshop Manual.



*Figure 2. Housing bolt leak.*



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*Figure 3. Tightening housing bolt to a torque of 20 Nm + 90° .*

- Check gear oil level as specified in Workshop Manual.
  - If necessary, top up gear oil as specified in Workshop Manual.
- Perform a short test drive to warm up the gearbox (engine oil temperature at least 80 ° C).
- After a waiting time of at least 1 hour, assess the gearbox housing again:



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- If the gearbox housing is free of leaks, no further work is required. The vehicle can be returned to the customer.

## Warranty

<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>	3435		
<b>Damage Code:</b>	0050		
<b>Diagnosis of leak (Repair option 1 and 2)</b>			
<b>Labor Operations:</b>	Battery remove + reinstall (A3 vehicles only, includes R+R twice)	2706 2099	60 TU
	Remove and install battery tray (A3 vehicles only, includes R+R twice)	5084 1999	80 TU
	Check gearbox leak (cleaning, tracing powder and test drive)	3435 0199	40 TU
<b>Repair Option 1</b>			
<b>Labor Operations:</b>	Replace bolt	3435 4199	10 TU
	Transmission oil inspect + add	3401 3599	20 TU



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Repair Option 2			
<b>Labor Operations:</b>	Replace gearbox	3435 55XX	See SRTs with associated operations
<b>Diagnostic Time:</b>	GFF	0150 0000	<b>Repair option 1:</b> 0 TU <b>Repair option 2:</b> 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 2067365/2		

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

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
G 001 900 A1 (or equivalent)	Oil leak locating spray (or equivalent leak detection powder)	Shop supply



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N 107 443 04	Pan head bolt w/ multi-point drive, self-locking (Repair Option 1 Only)	01
See ETKA (Order to VIN)	Transmission (Repair Option 2 Only)	01

## Additional Information

All parts and service references provided in this TSB (**2067365**) are subject to change and/or removal.  
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