



# Technical Service Bulletin

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## 39 Oil leak from the rear differential

39 20 29 2059112/1 April 3, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 - 2019	All	Standard rear differential
Q8	2019	All	Standard rear differential

## Condition

### Customer states:

- There is an oil leak from the rear of the vehicle.

Or

- There is a dark substance noticed on the ground where the vehicle is parked.

### Workshop findings:

- Oil leaking from top of the rear differential.

## Technical Background

Manufacturing issue.

## Production Solution

Improved process in production.

## Service

If the reported oil leak appears to be from the top of the rear differential proceed with diagnosis and repair as follows:

1. Take photos of the actual condition and attach it to the Repair Order.
2. Clean the oil off the differential thoroughly including the area around the differential vent tube with brake clean and make sure it is dry before proceeding.
3. Apply oil leak detection spray (Part # G 001 900 A1 or a locally available talcum based oil leak detection spray equivalent) to all suspected areas (including the differential vent tube).



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4. Perform a thorough test drive and reassess the oil leak after the test drive.
5. If the oil is found leaking from the differential vent tube as shown below (Figure 1) document your findings with photos and replace the rear differential.



**Note:**

If the oil leak is from a different location this TSB does not apply, diagnose and repair the concern per normal processes.



**Figure 1.** Oil leaking from differential vent tube.



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## 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 the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	3988		
<b>Damage Code:</b>	0050		
<b>Labor Operations:</b>	Clean differential and apply leak detection spray, check housing for leaks (incl. photos)	3988 1999	40 TU
	AWD final drive assembly remove + reinstall	3988 1906 (Q7 Only)	See SRT
	AWD final drive assembly remove + reinstall	3988 1900 (Q8 Only)	See SRT
<b>Diagnostic Time:</b>	GFF	No allowance	0 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 #2059112/1		

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
G001900A	Oil leak detection spray (or equivalent)	Shop Supply
See ETKA	Rear Axle Differential (Order to VIN)	01



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## Additional Information

All parts and service references provided in this TSB (2059112) are subject to change and/or removal.

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