



# Technical Service Bulletin

## 43 Dynamic Ride Control (DRC): assessment of leaks

43 21 51 2059842/2 August 2, 2021. Supersedes Technical Service Bulletin Group 43 number 20-40 dated June 18, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 5, RS 5 Cabriolet	2013 – 2017, 2019, 2021 - 2022	All	Dynamic Ride Control
RS 6, RS 7	2013 – 2018, 2020 - 2022	All	Dynamic Ride Control
RS 5 Sportback	2019, 2021 – 2022	All	Dynamic Ride Control
RS 6 Avant	2021 – 2022	All	Dynamic Ride Control

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added Model Year) Revised <i>Warranty</i> (Added Max TU)
1	06/18/2020	Initial publication

### Customer states:

- Noises from the suspension.
- There is an oil film on the shock absorbers.



### Note:

This information is specifically for the shock absorber of the Dynamic Ride Control (DRC) system PR Code 2MC.

## Technical Background

Not applicable.

## Production Solution



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Not applicable.

## Service

1. An oil film running down a shock absorber indicates that it leaks. The shock absorber must only be replaced if this leak can be clearly assigned to it, as shown in the picture. (Figure 1)



*Figure 1. DRC shock absorber with clear oil loss.*

2. A minor oil film and a resulting dirt build-up are no indication of a leak. They result from oil residues during the installation or caused by "sweating" of the shock absorber.

There is no restriction in the function of the shock absorber. Tests with such components show that the shock absorbers are in perfect working order.

Do not replace any components.

The following illustrations show examples of non-leaking or "sweating" shock absorbers (Figures 2 - 4).





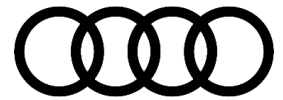
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*Figures 2, 3, and 4. Oil marks/residues in the wheel housing/shock absorber.*

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	4090/4293		
<b>Damage Code:</b>	0050		
<b>Labor Operations:</b>	Replace shock absorber front	4090 5550 <b>Or</b> 4090 1950	See SRT with associated operations
	Replace shock absorbers front	4090 5650 <b>Or</b> 4090 2050	See SRT with associated operations
	Replace shock absorber rear	4293 5550	See SRT with associated operations
	Replace shock absorbers rear	4293 5650	See SRT with associated operations



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<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol <b>or</b> (Max 50 TU)
	Road test prior to the service procedure	0121 0002	10 TU
	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB #2059842/2		

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
See ETKA	Shock absorber front	01 or 02
See ETKA	Shock absorber rear	01 or 02

## Additional Information

All part and service references provided in this TSB (2059842) are subject to change and/or removal.

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