



Technical Service Bulletin

39 R8 noises from propshaft splines at the front differential

39 19 23 2055486/1 July 1, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8	2016 - 2020	All	Not Applicable

Condition

Customer statement:

- Noises when driving over uneven roads at moderate speed.

Workshop findings:

- When checking the drive train in the area of the propeller shaft and front differential, noises can be heard when knocking by hand on the mounting.

Technical Background

The rattle noise heard when knocking on the mount are not related with the customer complaint. When the vehicle is stationary there are no thrusting and pulling forces acting on the splines and the mounting is unstressed.

The rattle noise can be caused in this condition and does not occur when driving. This is normal for this vehicle.

Please review the audio/video example below:

<https://audi-external.kzoplatform.com: https://audi-external.kzoplatform.com/media/1452246374803314673>
(Figure 1).

The video is also attached to this TSB under the attachments tab in the workshop manual.



Figure 1. The QR code for the supporting video.



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Production Solution

Not applicable.

Service

These noises are to be regarded as normal when stationary and are not a defect.

No parts replacement under warranty for the noise shown in the video is allowed.

If you can duplicate the customers concern, continue the diagnosis of the noise.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All part and service references provided in this TSB (2055486) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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