



Technical Service Bulletin

39 Noises and/or vibrations in tight turns - vehicles with quattro drive

39 24 72 2059129/6 September 6, 2024. Supersedes Technical Service Bulletin Group 39 number 24-57 dated January 25, 2024 for reasons listed below.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------|------|-----------|----------------------------|
|----------|------|-----------|----------------------------|



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|--------------|----------------------------|-----|----------------|
| A4 | 2011 - 2016 | All | Not Applicable |
| A4 Avant | 2011 – 2012 | | |
| A4 allroad | 2013 – 2016 | | |
| S4 | 2011 – 2016 2018 – 2025 | | |
| A6 | 2012 – 2018 | | |
| S6 | 2020 – 2025 | | |
| RS 6 Avant | 2021 – 2025 | | |
| A7 | 2012 – 2018 | | |
| S7 | 2020 – 2025 | | |
| RS 7 | 2014 – 2018 2021 – 2025 | | |
| A8 | 2011 – 2017 2019 – 2025 | | |
| A8 e quattro | 2020 – 2021 | | |
| S8 | 2013 – 2017 2020 – 2025 | | |
| Q5 | 2011 – 2017 | | |
| Q5 hybrid | 2013 – 2016 | | |
| SQ5 | 2013 – 2025 | | |



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|---------------|----------------------------|--|--|
| SQ5 Sportback | 2021 – 2025 | | |
| Q7 | 2009 – 2015 2017 – 2025 | | |
| SQ7 | 2020 – 2025 | | |
| Q8 | 2019 – 2025 | | |
| SQ8 | 2020 – 2025 | | |
| RS Q8 | 2020 – 2025 | | |

Condition

| REVISION HISTORY | | |
|------------------|------------|---|
| Revision | Date | Purpose |
| 6 | - | Revised header (Added Model Year) |
| 5 | 01/25/2024 | Revised header (Added Model Year) |
| 4 | 09/07/2023 | Revised header (Added Models/Model Year 2023) |

Customer states:

- Noises and/or vibrations in tight turns (parking lots or U-turns).

Workshop findings:

- Noises and/or vibrations in tight turns can be reproduced. Compared with an identical comparison vehicle (model, tire size, and body style) the symptoms are the same under identical conditions.

Technical Background 1

Because of the different speeds between the front and rear differentials, the locking effect of the center differential can vary significantly in tight bends (full or nearly full steering lock). This effect has a positive effect on the vehicle's driving dynamics, but the resulting tension in the drivetrain that can lead to noises or vibrations during tight turns.

The tension does not have a negative effect on the service life of the components.

Please also note that there are other factors which can have a negative effect:



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- Wheels/Tires: Different tread depth, hardness, the width of tire or wheel, summer or winter wheels, different tire manufacturers other than original equipment).
- Additional tension in the drivetrain due to wheel alignment.
- Possible noise transmission of the drivetrain mounts, subframe mounts, or noisy wheel bearings.
- Different acoustics depending on body type (Sedan, Avant, and SUV).

Production Solution

Not applicable.

Service

This issue is a comfort complaint. This behavior is construction-related and there are no damaged parts.

Explain the background to the customer.

Replacing components will not solve the issue.

Warranty

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

Additional Information

All parts and service references provided in this TSB (**2059129**) are subject to change and/or removal.

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