

Technical Service Bulletin



46 Rattling noises from front axle on uneven roads (brake disc)

46 13 58 2035113/1 August 26, 2013.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------|-------------|-----------|----------------------------|
| A8 | 2011 - 2013 | All | Not Applicable |

Condition

Customer may report rattling noises from front axle on uneven roads.

Technical Background

There are conflicting tolerances in the alignment of pin and hole on the front brake discs.

Production Solution

Not applicable

Service

1. Verify that the noise is coming from the front of the vehicle.
2. Remove the front wheels and front brake discs.



Tip: Place the brake disc on the brake disc hub (wheel contact surface) so that the friction surface is not damaged during testing.

3. Check the brake discs according to the attached videos:
 - If the brake discs sound like the sound in video 1, the brakes can stay on the vehicle.
 - If the brake discs sound like the sound in video 2, the brake disc pins are loose and are the cause of the rattling noise. Replace both front brake discs.

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Warranty

| | | | |
|--------------------------|--|-----------|-------|
| Claim Type: | Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only. | | |
| Service Number: | 4650 | | |
| Damage Code: | 0020 | | |
| Labor Operations: | 2 front wheels remove + reinstall | 4405 2000 | 20 TU |
| | 2 front brake discs remove + reinstall | 4650 2050 | 50 TU |
| | Check 2 front brake discs | 4650 0299 | 5 TU |
| Diagnostic Time: | Road test prior to service procedure | 0121 0002 | 10 TU |
| | Road test after service procedure Only applicable if the front brake discs were replaced. | 0121 0004 | 10 TU |
| | Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details) | | |
| Claim Comment: | As per TSB #2035113/1 | | |

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.

Additional Information

All parts and service references provided in this TSB (2035113) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.