

# Technical Service Bulletin



## 46 3.0T & 3.0TDI Brake noise (PR-1LL)

46 16 36 2038647/3 May 10, 2016. Supersedes Technical Service Bulletin Group 46 number 16-35 dated April 25, 2016 for reasons listed below.

| Model(s) | Year        | VIN Range | Vehicle-Specific Equipment |
|----------|-------------|-----------|----------------------------|
| A8       | 2013 - 2014 | All       |                            |

## Condition

| REVISION HISTORY |            |  |
|------------------|------------|--|
| Revision         | Date       | Purpose  |
| 3                | -          | Revised <i>Required Parts and Tools</i> (Updated part numbers) |
| 2                | 04/25/2016 | Revised <i>Required Parts and Tools</i> (Updated part numbers) |
| 1                | 10/20/2014 | Initial publication  |

Customer may report hearing brake squeal when the vehicle comes to a stop at slow speeds. In some cases, the noise may be intermittent and difficult to reproduce.

## Technical Background

Not applicable.

## Production Solution

Improved front brake pads and discs.

## Service

1. Road test to verify concern.
2. Replace front brake pads, discs, and sensors (using the part numbers listed in this TSB) according to the instructions in Elsa at: *Repair manual >> Chassis >> 46 Mechanical Components >> Front Brakes >> Brake Rotor, Removing and Installing >> Brake Rotor, Removing and Installing Steel Brakes 1LL/1LJ and 1LN/1LX.*

3. Embed the brakes:

- A. Use medium pedal pressure to slow the car from approximately 35 mph to 10 mph. Repeat this process ten times.
- B. Next, drive for approximately 5 minutes at maximum allowable speeds, without braking, to allow the brakes to cool down.
- C. Repeat steps A and B if necessary.

 Note:

Do not perform ABS stops as a way of embedding the brakes. Brake pads and discs may be permanently damaged if brakes are overheated prior to being properly embedded.

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## Warranty

|                          |  |              |       |
|--------------------------|--|--------------|-------|
| <b>Claim Type:</b>       | Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.        |              |       |
| <b>Service Number:</b>   | 4617   |              |       |
| <b>Damage Code:</b>      | 0020   |              |       |
| <b>Labor Operations:</b> | 2 wheels removed + reinstalled   | 4405 2000    | 20 TU |
|                          | 2 front brake discs remove + reinstall   | 4650 2050    | 50 TU |
|                          | 2 brake pads, front remove + reinstall   | 4636 2050    | 70 TU |
| <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 |
|                          | Technical diagnosis at dealer's discretion<br>(Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details) |              |       |
| <b>Claim Comment:</b>    | As per TSB #2038647/3  |              |       |

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

| Part Number | Part Description            | Quantity |
|-------------|-----------------------------|----------|
| 4G0615301K  | Front brake disc            | 2        |
| 4G0698151M  | Front brake pads            | 1 set    |
| 4G0615121D  | Front brake wear indicators | 2        |
| N 91147601  | Caliper bolts (M14X1,5X48)  | 4        |

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## Additional Information

All parts and service references provided in this TSB (2038647) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.