

Technical Service Bulletin



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

46 16 37 2038647/4 May 11, 2016. Supersedes Technical Service Bulletin Group 46 number 16-36 dated May 10, 2016 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2013 - 2014	All	PR code 1LL

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Corrected Elsa formatting issue
3	5/10/2016	Revised <i>Required Parts and Tools</i> (Updated part numbers)
2	04/25/2016	Revised <i>Required Parts and Tools</i> (Updated part numbers)

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

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4617		
Damage Code:	0020		
Labor Operations:	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
Diagnostic Time:	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 (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2038647/4		

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

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.