



Technical Service Bulletin

46 A6 and A7 squealing from front brakes (PR-1LJ)

46 18 99 2040964/6 November 1, 2018. Supersedes Technical Service Bulletin Group 46 number 16-49 dated September 22, 2016 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7	2014 - 2015	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised <i>Warranty</i> (Updated Labor Operations)
5	09/22/2016	Revised <i>Warranty</i> (Updated Claim Type)
4	07/15/2016	Revised <i>Service</i> (Updated embedding procedure)

Customer states:

- Customer hears a brake squeak or squeal with light to moderate pedal pressure.

Technical Background

If any of the following conditions exist, this TSB does not apply.

1. Front brake discs or brake pads are close to their wear limit (disc wear limit: 28 mm and pads wear limit with backing plate and dampening plate: 10 mm).
2. Foreign objects between brake disc and brake pad, such as small stones, grit, rust build-up, or sand.
3. Un-ground or corroded friction materials.



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4. Metallic deposits from disc material in brake pad (Figure 1).



Figure 1. Metallic deposits.

Production Solution

Multiple unique improvements were released.



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Service

1. Replace front brake pads with updated brake pads (part number 4G0698151K) according to Elsa.
2. Apply a thin coat of anti-seize (G 052560A2) lubricant to the guide pins of the front caliper carriers (Figure 2).

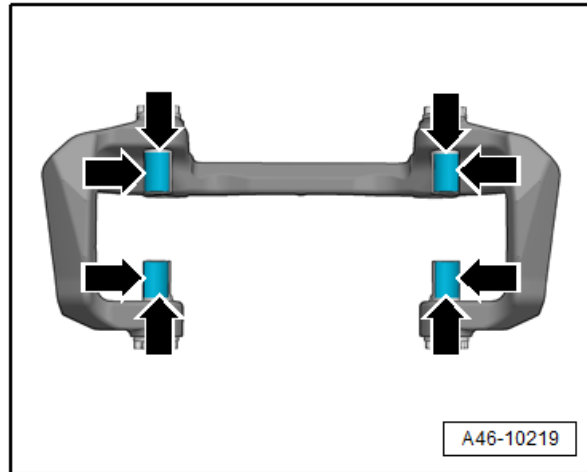


Figure 2. Caliper carrier guide pins with anti-seize (G 052560A2) lubricant applied where the pads make contact.

3. Check the part number on the front discs. If the part number is not 4G0615301G, then install 4G0615301G or 4G0615301Q front discs, or any supersession available in ETKA (Figure 3).



Tip: Replacing front brake discs on cars that already have part number 4G0615301G installed will not resolve the noise concern and will not be covered under warranty.

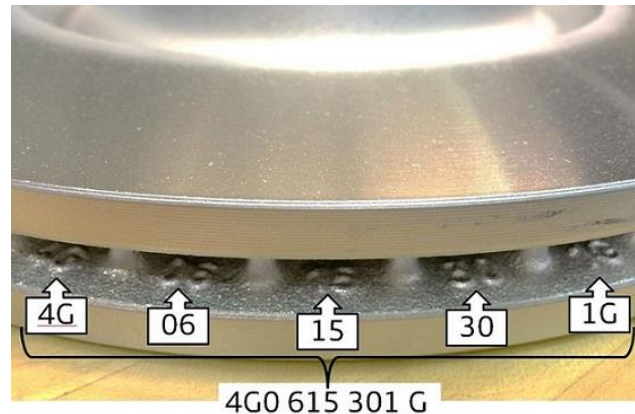
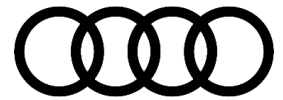


Figure 3. Front brake disc part number location.

Brake embedding:

1. Perform 10 stops from approximately 35 mph to 10 mph with medium pedal pressure.
2. Drive for approximately 2 minutes at approximately 40 mph without braking to allow the brakes to cool down.



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3. Repeat steps 1 and 2 if necessary.

Note:

Do not perform ABS stops as a way of embedding the brakes. Brake pads and discs may be permanently damaged.

If the vehicle still exhibits brake noise after all the repairs stated above have been accurately performed:

- Obtain a sound recording, create a TAC ticket, and attach the sound recording.
- Do not open a TAC ticket without a sound recording.

Warranty

There must be an original customer concern of the specified symptom on the repair order for this Technical Service Bulletin to apply. Adding this procedure on is not permitted.

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	4617		
Damage Code:	0020		
Labor Operations:	2 Wheels remove + reinstall	4405 2000	See SRT
	Brake pads, front remove + reinstall (Includes brake fluid inspection/addition and front brake calipers cleaning)	4636 2050	See SRT
	If applicable: 2 Front brake disc remove + reinstall (Includes front brake caliper loosening and fastening)	4650 2050	See SRT
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
Claim Comment:	As per TSB #2040964/6		

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.



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Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
4G0698151K	1 set of brake pads for disc brakes	1 set
4G0615301G or 4G0615301Q	Front brake discs (if applicable)	02

Additional Information

All parts and service references provided in this TSB (2040964) are subject to change and/or removal. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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