

# Technical Service Bulletin



## 46 Squealing from front brakes (PR-1LA or 1LB)

46 13 46 2033674/3 June 27, 2013. Supersedes Technical Service Bulletin Group 46 number 13-45 dated June 12, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2009 - 2012	All	PR-1LA or 1LB; 2.0T engine
A4	2013	N000001 - N020500	
A4	2013	A000001 - A125000	
A5	2008 - 2012	All	
A5	2013	000001 - 025203	
A5 Cab	2010 - 2012	All	
A5 Cab	2013	000001 - 005663	
A6	2012	All	
A6	2013	000001 - 051000	

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Production Solution</i> (corrected error in date) Revised title (removed models)
2	6/12/2013	Revised title (added PR code) Revised <i>Service</i> (added PR code)
1	06/11/2013	Initial publication

Brakes on vehicles produced before September 3, 2012 (calendar week 36 of 2012), squeak or squeal when used with light to moderate force.

## Technical Background

If any of the below conditions occur, this TSB does not apply.

- Foreign bodies between brake disc and brake pad, such as small stones, grit, or sand.
- Un-ground or corroded friction materials.
- Brake discs or brake pads are close to their wear limit. (Front brake disc wear limit: 28mm. Front brake pads wear limit with backing plate and dampening sheet: 7mm.)
- Metallic deposits from disc material in brake pad (Figure1).



*Figure 1. Metallic deposits.*


- Deposits in brake pad.

## Production Solution

From September 3, 2012 (calendar week 36/2012), anti-seize lubricant was applied to the caliper carrier guide pins during production.

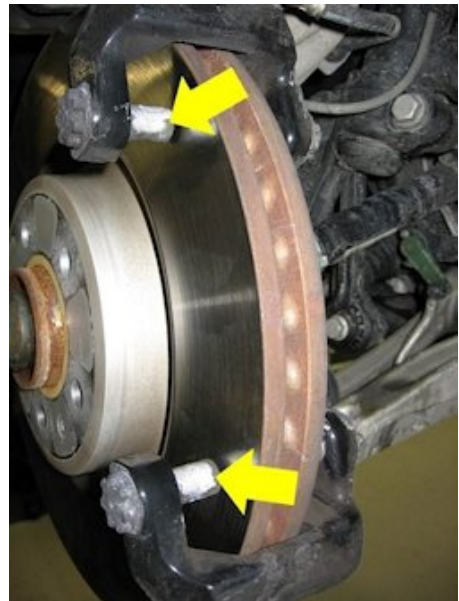
## Service

1. Confirm that the customer's vehicle was produced before September 3, 2012 and has PR-1LA or 1LB (320x30) front brakes.
  - If it was produced after this date, this TSB does *not* apply to the vehicle.
  - If it does *not* have PR-1LA or 1LB (320x30), this TSB does *not* apply to the vehicle.

 **Tip:** Brake pads must be securely glued to the calipers.

2. Remove the front brake caliper with the brake pads still attached and apply a thin coat of anti-seize (**G 052560A2**) lubricant to the guide pins of the caliper carrier (Figure 2). Only apply this lubricant to the section of the guide pins that will be contacted by the brake pads.

See *ElsaWeb* >> *Repair Manual* >> *Chassis* >> *46 Mechanical Components* >> *Removal and Installation* >> *Front Brakes, FBC-57* >> *Front Brake Pads, FBC-57*.



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

3. Road test the vehicle to seat the breaks and to verify that the noise has been eliminated.

# Technical Service Bulletin



## Warranty

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

<b>Claim Type:</b>	110		
<b>Service Number:</b>	4617		
<b>Damage Code:</b>	0020		
<b>Labor Operations:</b>	2 Front brake calipers removed and reinstalled	4739 2000	70 TU
	Clean guide pins and apply anti-seize	4739 9999	10 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 (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB #2033674/3		

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
G 052560A2	Anti-seize lubricant	0.1

## Additional Information

All parts and service references provided in this TSB (2033674) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.