



# Technical Service Bulletin

## 46 Clicking noise from front brakes

46 17 78 2044669/4 September 25, 2017. Supersedes Technical Service Bulletin Group 46 number 17-75 dated July 24, 2017 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad	2016 - 2018	All	Not Applicable
A5, A5 Sportback, A5 Cabriolet, and Q5	2017 - 2018	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>Required Parts and Tools</i> (Added parts) Revised <i>Service</i> (Added note)
3	07/24/2017	Revised header data (Added models and model year)
2	09/23/2016	Revised <i>Warranty</i> (Updated Claim Type)

A clicking noise is heard from front brakes when the vehicle is being driven at low speeds (up to 10 mph) in either direction. For an example of the sound, see the video located at: <https://audi-external.kzoplatform.com/swf/player/322> (Figure 1).



**Figure 1.** QR code for viewing the video with a QR code reader on phones and tablets. Alternatively, the video can be accessed through computer internet



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*browsers at the link provided in this bulletin.*

## Technical Background

The pads may be moving back and forth inside the caliper, which causes the noise.

## Production Solution

Not applicable.

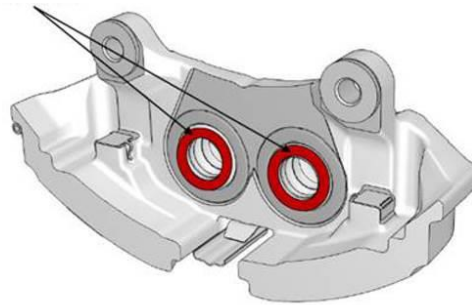
## Service

Install new brake pads on both sides according to the instructions in the Elsa Repair Manual at, *Chassis >> Brake System >> 46 Mechanical Components >> Front Brakes >> Brake Pads Removing and Installing*. Read the following installation information before installing the new pads:

- The brake pistons must be clean. Brake cleaner can be used to clean the brake pistons. Ensure that the contact surfaces are free of dust and grease, and that they are dry (Figure 2).
- Only remove the protective paper from the adhesive foil on the brake pad (Figure 3) *immediately before* installation, and do not touch the adhesive surface.
- When installing the brake pads in the caliper, note that an arrow is printed on the pads to indicate the correct installation position in the caliper (Figure 4). The pads should be installed with the arrow following the forward rotation of the wheel.

 **Note:**

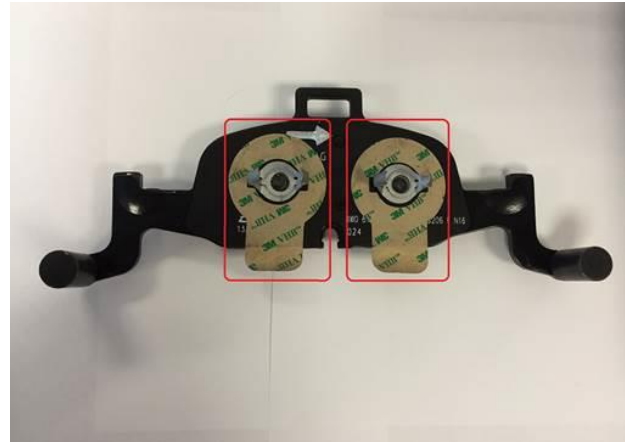
After installing the pads, keep full brake pressure for about five seconds to ensure that the pads are properly bonded to the pistons.



**Figure 2.** Contact surfaces of brake pistons.



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**Figure 3.** Protective paper to be removed immediately before installation.



**Figure 4.** Arrow showing correct installation direction.

**!** Note:

This TSB does not apply to “S” models, due to the fact that these models are equipped with a different brake system.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>
<b>Service Number:</b>	4636



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<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	2 Brake pads, front remove + reinstall	4636 2050	50 TU
	2 Wheels remove + reinstall	4405 2000	20 TU
<b>Diagnostic Time:</b>	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 #2044669/4		

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
See ETKA	Contact for vehicles with brake pad wear indicator	1
See ETKA	Set of intermediate plate and spring clip	2
8W0698151T	Set of front brake pads	1

## Additional Information

All parts and service references provided in this TSB (2044669) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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