

# Technical Service Bulletin



## 46 Brake noise (PR-1LL) - Repair Authorization

46 14 71 2034885/2 February 27, 2014. Supersedes Technical Service Bulletin Group 46 number 13-52 dated July 31, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2013 - 2014	All	3.0T and 3.0TDI

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header data (Removed model)
1	07/31/2013	Initial publication

Customer may report hearing a high-pitched squeal or squeak from the front brake system when brakes are used with light to moderate effort.

## Technical Background

Various parts have been replaced under warranty for the condition noted above. In an effort to gain information, we are asking that you contact the Audi Technical Assistance Center (TAC) before replacing any parts. This will assist us in diagnosing any potential issues with the condition noted above.

## Production Solution

No changes to production have been made, as no issue has been identified.

## Service

1. Verify that the customer complaint matches the condition described at the top of this TSB. Complaints not related to the condition described in this TSB do not require TAC authorization.
2. Verify that the front brake PR code is PR-1LL (356x34mm).
3. If the vehicle is within the New Vehicle Limited Warranty, complete the attached Brake Noise Questionnaire.
4. Obtain a sound recording of the brake noise (a cell phone recording is acceptable as long as the noise can be clearly identified).
5. Email the questionnaire and sound recording to: **chassis@audi.com**. Include the following in the email:
  - **Subject:** [VIN]
  - **Email body:** Include dealer code, complete RO#, mileage, and location of the noise (e.g., left front, front only, rear only).
6. Contact a TAC consultant before proceeding with any repairs.

## Warranty

This TSB is informational only and not applicable to any Audi warranty.

## Additional Information

All parts and service references provided in this TSB (2033885) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

# Questionnaire - Brake Complaint: Acoustics, Noise

## Vehicle Data:

Type:		Registration Date:		Dealer:	Auburn Hills
VIN:		Milage:		Name	Auburn Hills
Engine No.:		special equipment (tow bar, Tuning etc)		Tel.-No.:	248 754
BA ID:				Rep-Date:	

## Test drive:

done:  yes                      Customer complaint confirmed:  yes  no

<b>Type of noise (if possible):</b> <input type="checkbox"/> "Moo"-noise <input type="checkbox"/> grinding / scraping <input type="checkbox"/> Squeaking <input type="checkbox"/> creaking <input type="checkbox"/> Rattling	<b>when does the noise occur?</b> forward drive: <input type="checkbox"/> reverse: <input type="checkbox"/> <input type="checkbox"/> always <input type="checkbox"/> light braking                      stop <input type="checkbox"/> <input type="checkbox"/> often <input type="checkbox"/> hard braking                      (e.g. traffic light) <input type="checkbox"/> rarely <input type="checkbox"/> without braking                      Driving bends <input type="checkbox"/> <input type="checkbox"/> very rarely <input type="checkbox"/> emergency braking	<b>where does the noise occur?</b> <input type="checkbox"/> Motorway <input type="checkbox"/> country / A-roads <input type="checkbox"/> Town
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### Notes

## Where does the noise possibly come from?

front       back       don't know       exact location, if possible:

## Noise-Level:

Notes

## Does the complaint occur after standing?

no       if yes, after what time of stand still?  hours      was the handbrake, pedal for parking brake activated?  yes  no

## Is the noise still present after several brakings:

yes       no

## Residual thickness of the brake pads:

%  
  
%

Notes

**Residual thickness of the brake discs:**

 %

Notes  
▲  
▼

**State of the brake discs:**

o.k..  rusty  Hotspot:  scores outside  scores inside  completely scored

**Speed (range):**

from / at  mph to  mph

**Outside Temperatures (range):**

from / at  F° to  F°

**Weather:**

weather: wet  dry  Snow

**Type / state of roads:**

smooth surface  rough surface  cobbles

**since when does the noise occur?**

**Please create a noise file!**

from the beginning  just recently  since milage

Notes

**Conditions of use?**

Taxi  Driving school  Rental car  Others:

Notes:

**which measures / repairs have been carried out?**

repeated repairs:  yes which   
 no

Notes: