

Technical Service Bulletin



46 Brake noise (PR-1LL & PR-1LJ) - Repair Authorization

46 13 52 2034885/1 July 31, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2013 - 2014	All	3.0T with PR-1LL
A8	2014	All	4.0T with PR-1LJ

Condition

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 either PR-1LL or PR-1LJ.
 - A8 3.0T (CTUB) : front brake PR-1LL (356x34mm)
 - A8 4.0T (CEUA) : front brake PR-1LJ (380x36mm)
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:** Dealer code, complete RO#, mileage, and location of the noise (e.g., left front, front only, rear only)

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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: <input type="checkbox"/> yes	Customer complaint confirmed: <input type="checkbox"/> yes <input type="checkbox"/> no	
Type of noise (if possible): <input type="checkbox"/> "Moo"-noise <input type="checkbox"/> grinding / scraping <input type="checkbox"/> Squeaking <input type="checkbox"/> creaking <input type="checkbox"/> Rattling	when does the noise occur? 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	where does the noise occur? <input type="checkbox"/> Motorway <input type="checkbox"/> country / A-roads <input type="checkbox"/> Town

Notes

Where does the noise possibly come from?

front <input type="checkbox"/> back <input type="checkbox"/> don't know <input type="checkbox"/>	exact location, if possible:	
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Noise-Level:

<input style="width: 50px; height: 20px;" type="text"/>	<input type="button" value="▲"/> <input type="button" value="▼"/>	Notes
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Does the complaint occur after standing?

no <input type="checkbox"/>	if yes, after what time of stand still? <input style="width: 50px;" type="text"/> hours	was the handbrake, pedal for parking brake activated? <input type="checkbox"/> yes <input type="checkbox"/> no
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Is the noise still present after several brakings:

yes <input type="checkbox"/>	no <input type="checkbox"/>
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Residual thickness of the brake pads:

<input style="width: 80px; height: 20px;" type="text"/> %	<input type="button" value="▲"/> <input type="button" value="▼"/>	Notes
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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: