

Technical Service Bulletin



40 Noise from front end (faulty wheel bearings)

40 15 48 2042603/1 December 4, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, A5 Cabriolet, Q5	2009 - 2016	All	Not Applicable
A6, A7	2012 - 2016	All	Not Applicable
A8	2011 - 2016	All	Not Applicable

Condition

When the vehicle is driven between 35 mph and 75 mph, a noise can be heard in the front of the vehicle. The customer may say that the noise is coming from the steering column area, and may describe the sound as buzzing, humming, whistling, whining, grinding, howling, and/or droning. The best way to understand the complaint is to discuss it with the customer.

Technical Background

Faulty wheel bearing(s) may cause the noise.

Production Solution

Not applicable.

Service

1. Before proceeding, check tires for heel and toe wear pattern (also known as saw tooth) or structural damage (Figure 1.).

If either condition is present, this TSB does not apply. Diagnose tire conditions accordingly.

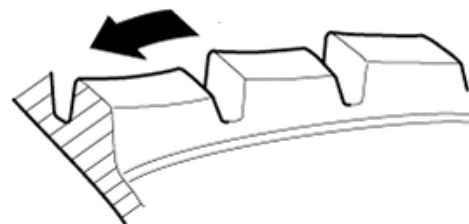


Figure 1. Heel and toe wear pattern.

2. Road test the vehicle according to the driving style of the customer and answer the following questions: (Keep in mind that noises from the area around the axle can be transferred to the vehicle interior through the steering column. Wheel bearing noises can sometimes be heard better with an assistant sitting in the rear seat.)

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- Does the frequency increase or does the pitch rise with speed?
- Does the noise increase when steering left or right?
 - Noise increase when steering left typically indicates a noisy right front bearing.
 - Noise increase when steering right typically indicates a noisy left front bearing.
- Is the noise still present when shifter is in “N” position?
- Is the noise amplified at the steering wheel/airbag area?

3. If you answered Yes to all of these questions, replace the affected front wheel bearing(s).

Note:

Do not place vehicle on the ground unless axle bolts are tightened.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4057		
Damage Code:	0020		
Labor Operations:	See Elsa for appropriate wheel bearing replacement labor operations	See Elsa	See Elsa
Diagnostic Time:	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)		
Claim Comment:	As per TSB #2042603/1		

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.

Additional Information

All parts and service references provided in this TSB (2042603) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.