



40 Clicking noise from wheel bearing

40 23 52 2024318/13 March 23, 2023. Supersedes Technical Service Bulletin Group 40 number 22-38 dated April 14, 2022, for reasons listed below.

Technical Service Bulletin



Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, and A7	2007 – 2017	All	Not Applicable
A6 Avant, and S6	2007 – 2011		
S8	2007 – 2009		
A5, and S5	2008 – 2024		
A4	2009 – 2024		
A4 Avant	2009 – 2012		
Q5	2009 2022		
A5 Cabriolet, and S5 Cabriolet	2010 – 2024		
S4	2010 – 2016		
A7	2012 – 2017		
A4 allroad, and Q5 Hybrid	2013 – 2016		
S6, S7, and S8	2013 – 2017		
RS 5 and RS 5 Cabriolet	2013 – 2015		
SQ5	2014 – 2024		
RS 7	2014 – 2017		
A4 allroad, and Q7	2017 – 2024		
S4, A5 Sportback, and S5 Sportback	2018 – 2024		
RS 5	2018 – 2019		
Q8	2019 – 2024		
RS 5 Sportback	2019		
Q5 e quattro, SQ7, SQ8, and RS Q8	2020 – 2024		
RS5, RS 5 Sportback, Q5 Sportback, and SQ5 Sportback	2021 – 2024		



Condition

REVISION HISTORY		
Revision	Date	Purpose
13	-	Revised header (Added Models and Model Years)
12	04/14/2022	Revised <i>Warranty</i> (Updated Labor Operations)
11	03/29/2022	Revised Parts and Tools (Updated Quantity)

Customer states:

Clicking or clacking noise when maneuvering or parking.

Technical Background

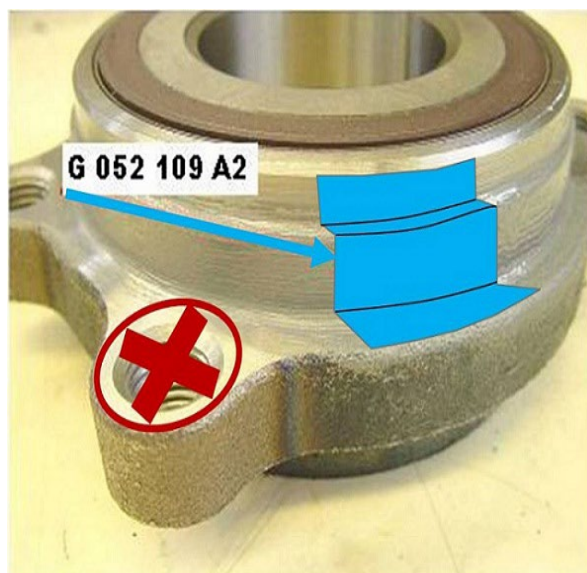
Microscopic movements between the wheel bearing and the wheel bearing housing may cause the noise (front left and/or the front right bearing can be affected).

Production Solution

Not Applicable

Service

1. On the affected side(s), remove any corrosion and dirt from the wheel bearing housing and the wheel bearing.
2. Using a brush, apply a thin coat of paste part number G 052 109 A2, using about .21 ounces or 6 grams (roughly 1/20) from the tube on the wheel bearing housing as shown (Figure 1). Make sure not to apply any paste on the threads.



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Figure 1. Area to apply the paste.



Tip: Wheel bearings replaced for this concern will not be reimbursed under warranty.

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4057		
Damage Code:	0010		
Labor Operations:	1 Wheel Hub Repaired:		
	Wheel hub with bearing remove + reinstall	4067 19xx	See SRT with associated operations
	Clean & grease 1 wheel bearing	4067 2999	10 TU
	2 Wheel Hubs Repaired:		
	Wheel hubs with bearing remove + reinstall	4067 20xx	See SRT with associated operations
	Clean and grease 2 wheel bearings	4067 3099	20 TU
Diagnostic Time:	GFF	No Allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2024318/13		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.



Part Number	Part Description	Quantity
G 052109A2	Assembly paste	0.1
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (**2024318**) are subject to change and/or removal.
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