

Technical Service Bulletin



40 Rattling/knocking noise from front end over bumps

40 13 37 2035854/1 December 3, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2009 - 2014	All	Not Applicable
A5	2008 - 2013		
A5 Cab	2010 - 2014		
Q5	2009 - 2014		

Condition

- The customer reports hearing a rattling or knocking noise when the car is driven over bumps or uneven road surfaces. The noise is noticed after the car has been driven for a while and is warmed-up, and when the temperature outside is warm.
- The condition can be duplicated if the brakes are applied while the car is driven over bumps.

Technical Background

High ambient temperatures at the hydraulic guide links cause the noise.

Production Solution

Not applicable.

Service

1. Confirm that the noise is coming from the guide link(s) and not from other suspension components on the vehicle (e.g., worn or damaged bushings or suspension components).
2. After the noise is confirmed to be from the guide links, replace both left and right lower guide links (Figure 1) according to the instructions in *Elsa >> Repair Manual >> Chassis >> Suspension, Wheel, Steering >> Front Suspension >> Removal and Installation >> Guide Link*.

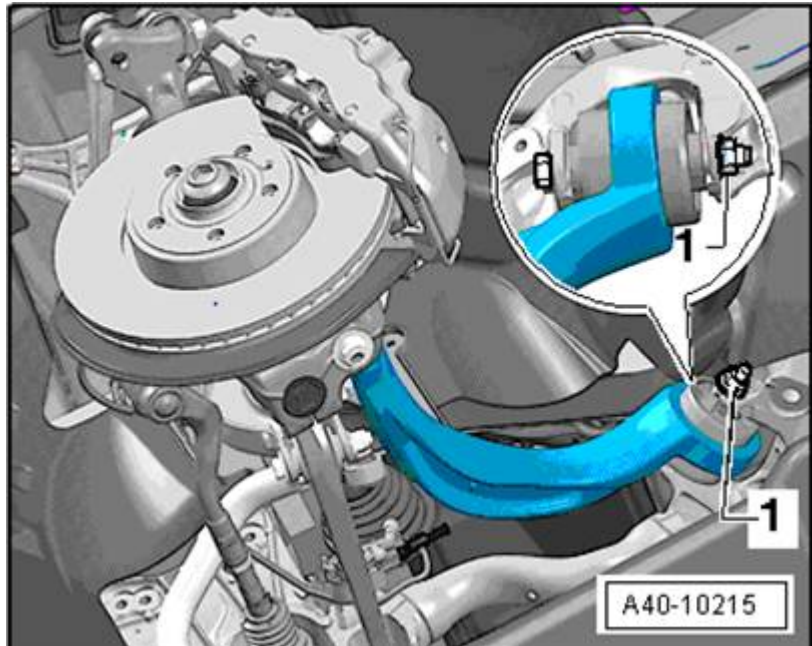


Figure 1. Lower guide link

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4016		
Damage Code:	020		
Labor Operations:	2 Wheels remove + install	4405 2000	20 TU
	2 Lower guide links remove + install	4016 2050 (A4/A5/Q5)	110 TU
		4016 2050 (A5 Cab)	90 TU
	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 #2035854/1		

Required Parts and Tools

Part Number	Part Description	Quantity
4G0407693J	Wishbone link (left front)	1
4G0407694J	Wishbone link (right front)	1

Tool Number	Tool Description	Quantity
V.A.G 1332	Torque wrench 40-200 Nm	1
V.A.G 1332/7	Ring spanner insert, AF 21mm	1
V.A.G 1383 A	Engine-transmission jack	1
T10149	Wheel hub support	1
T40042	Ball joint puller	1

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Additional Information

All parts and service references provided in this TSB (2035854) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.