

Technical Service Bulletin



40 Technical changes on front and rear axle

40 13 33 2026402/2 August 16, 2013. Supersedes Technical Service Bulletin Group 40 number 11-18 dated July 14, 2011 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8	2008 – 2010	All	Not Applicable
R8 / R8 Spyder	2011	000001 - 002563	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (Removed request for digital photos)
1	07/11/2011	Initial publication

When a control arm or wheel bearing housing (swivel bearing) is replaced, additional parts must be replaced due to a supersession of service parts.

Technical Background

Due to further technical development, new design control arms were implemented during 2011 production. Control arms and axle joint journals with diameter M14 (previously M12) are now fitted to all production vehicles.

Production Solution

Change of axle joint journals and mounting of wheel bearing housings from M12 to M14 diameter during 2011 production.

Service

When replacing a control arm or wheel bearing housing, change all control arms and both wheel bearing housings on the affected axle.

1. Enter the VIN in ETKA to see the required parts.
2. Start with the service procedure as if replacing an upper or lower transverse link, which begins with measurement of the vehicle's curb height. See *Elsa >> Repair Manual >> Chassis >> Suspension, Wheels, Steering >> Front Suspension >> Removal and Installation >> Upper Transverse Link with Retaining Bracket*.

As explained in Elsa, it is essential to simulate the curb height when reassembling the suspension links with bonded rubber bushings (Figure 1).

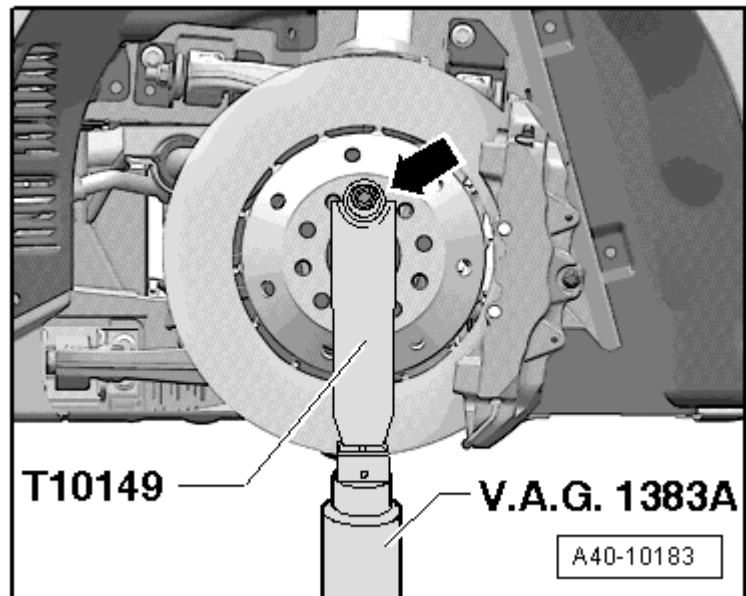


Figure 1. Tools used when installing links with bonded rubber bushings

For vehicles outside of warranty, create a TAC ticket for assessment of the concern and additional instruction. After review, the new axle components may be installed. The additional parts needed due to service part supersession may be covered under warranty. The customer may only be responsible for the repairs related to the original concern. See the special claim instructions below.

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Warranty

Claim Type:	Use claim type 121. If vehicle is outside any warranty, this Technical Service Bulletin may still be applicable.		
Service Number:	C020		
Damage Code:	0010		
Labor Operations:	For repairs to the front axle: Front control arms and components installed	4015 9999	Max 560 TU
	-OR-		
	For repairs to rear axle: Rear control arms and components installed	4211 9999	Max 590 TU
	Vehicle front and rear measure	4495 0300	90 TU
	Vehicle front and/or rear adjustment	4495 1599	Max 80 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
	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 #2026402/2		

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

The required parts are shown when the VIN number is entered in ETKA.

Additional Information

All parts and service references provided in this TSB (2026402) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.