



Technical Service Bulletin

40 Technical changes on front and rear axle

40 18 77 2026402/3 February 12, 2018. Supersedes Technical Service Bulletin Group 40 number 13-33 dated August 16, 2013 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
3	-	Revised <i>Service</i> (Updated to informational only) Revised <i>Warranty</i> (Removed Warranty table)
2	08/20/2013	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.



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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).

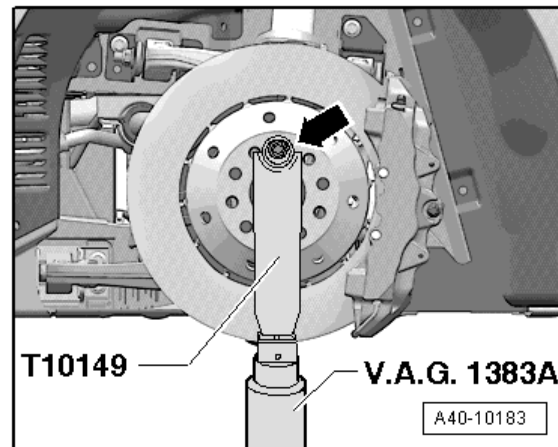


Figure 1. Tools used when installing links with bonded rubber bushings.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Required Parts and Tools

See ETKA/ELSA.

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. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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