



# Technical Service Bulletin

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## 40 Clacking noise from front upper suspension or the bushings are torn

40 21 24 2016453/4 April 21, 2021. Supersedes Technical Service Bulletin Group 40 number 10-08 dated July 15, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2002 - 2016	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added Models/Model Years) Revised <i>Service</i> (Updated information) Revised <i>Warranty</i> (These models are out of warranty) Revised <i>Additional Information</i> (Added reference)
3	07/15/2010	Revised header (Correcting TSB display in Elsa)
2	10/30/2008	Revised Title to include Repair Group

### Customer states:

- Clacking or clunking noise coming from front suspension area.

## Technical Background

The front upper link(s) bushing is worn or torn.

No vehicle stability issues are associated with this concern.

## Production Solution

Not applicable.



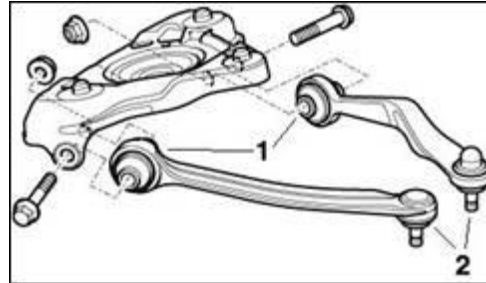
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## Service

### Inspect Front Upper Link Suspension

Visually inspect the front suspension upper link rubber bushing (Figure 1) on all four upper links for damaged bushings. Confirm wear as shown in Figures 2-5:



**Figure 1.** Inner bushing (Position1).

1. The rubber is clearly cracked, as in Figure 2.



**Figure 2.** A bushing with cracked rubber.



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2. The bushing insert is displaced due to a complete rip in the bushing, as shown in Figures 3 - 4.

At any stage of deterioration the link is always captured and will not result in reduced vehicle stability.



**Figure 3.** A bushing with a displaced insert.



**Figure 4.** A bushing with a displaced insert, shown installed in the vehicle.



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3. The bushing insert has a hairline crack in the surface, as shown between the green lines in Figure 5.



**Figure 5.** A bushing with a hairline crack. This is an acceptable amount of wear.



## Note:

A hairline crack in the surface (Figure 5) **does not require the bushing to be replaced.**

If the rubber is clearly cracked (Figure 2) or the bushing insert is displaced (Figures 3 - 4), **replace all four of the rubber bushings** according to Elsa at Repair Manual: *Chassis >> Suspension, Wheels, Steering >> Front Axle >> Suspension Strut and Control Arm.*

## Warranty

This TSB is informational only and not applicable to any 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
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Rubber Mounting (bushing)	04



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## Additional Information

More information on this system can be found in the following resources:

- Elsa: Chassis >> Suspension, Wheels, Steering >> Front Axle >> Suspension Strut and Control Arm.

All parts and service references provided in this TSB (2016453) are subject to change and/or removal.

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