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## Lower track control link, removing and installing

### Removing

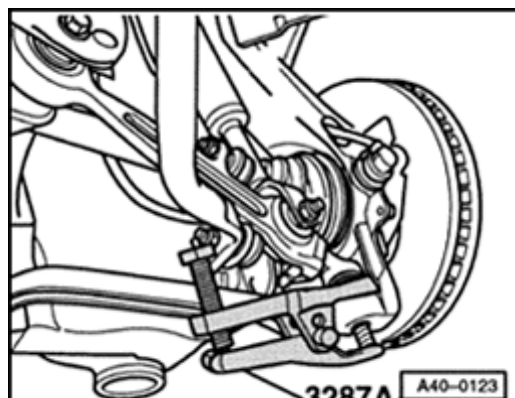
- Remove wheel trim.

On light alloy wheels use puller in vehicle tool kit to remove trim cap.

- Remove wheel.

### Notes:

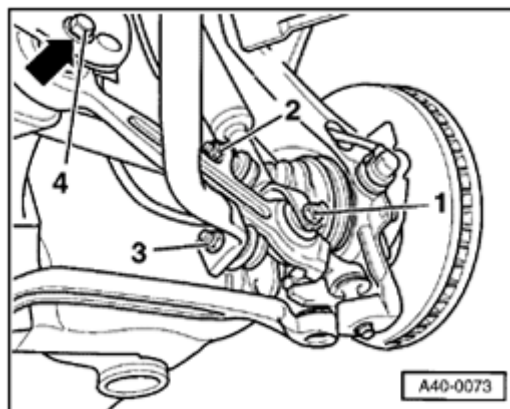
- ◆ Cover the CV joint boot (e.g. by inserting a piece of leather) to protect it from damage.
- ◆ For vehicles with headlight range control ⇒ [page 40-14](#).



- Remove nut from ball joint of lower track control link, then press ball joint from tapered seat.
- If necessary counterhold ball joint using 4 mm hex wrench.

Be careful not to damage the boot.

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- Remove bolt -1-.
- Remove ribbed nuts -2- and -3-, then remove connecting link.

**CAUTION!**

**Install a support device (e.g. VAG1383A transmission jack) to prevent damage to the upper link joints resulting from excessive rebound travel in the suspension.**

- Remove bolt -4-.
- Remove lower track control link.

**Installing**

- All nuts and bolts must be replaced

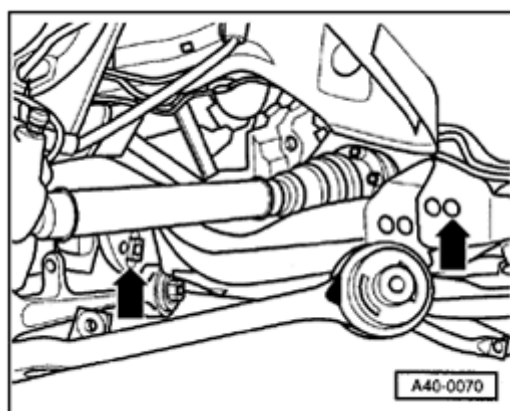
**Notes:**

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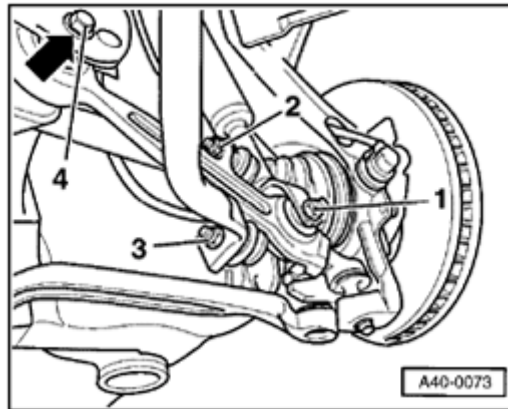
- ◆ Only use inner holes (arrows).
- ◆ Remove any residue from threads of ball joint.

**CAUTION!**

**The bonded rubber bushings can only be turned to a limited extent. The bolted connections on the suspension links should therefore only be tightened when the vehicle is standing on the ground.**



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- Install new bolt -4- and new nut.  
Tightening torque: 80 Nm (59 ft lb) + 1/4-turn (90°)
- Tighten nuts at ball joints (lower guide and track control links) to 100 Nm (74 ft lb).
- Tighten nut -1- to 90 Nm (66 ft lb).
- For vehicles with headlight range control, install linkage ⇒ [page 40-14](#) .

Arrow on the connecting link points in the direction of travel.

- Tighten nut -2- to 40 Nm (30 ft lb) + 1/4-turn (90°).
- Tighten nut -3- to 100 Nm (74 ft lb).

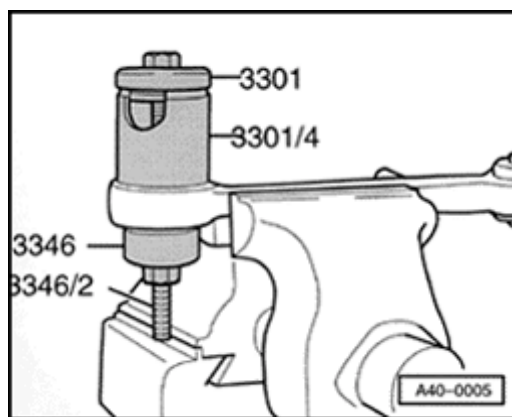
## Lower track control link bushings, replacing

### Special tools, test equipment and auxiliary items

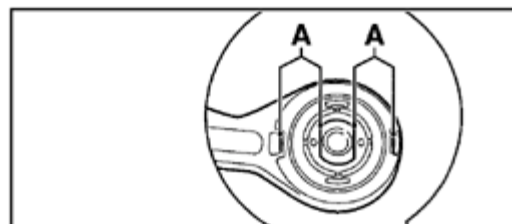
3301	3301/4	3346
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#### **Note:**

*Always use protective jaw covers when clamping an aluminium link in a vise.*



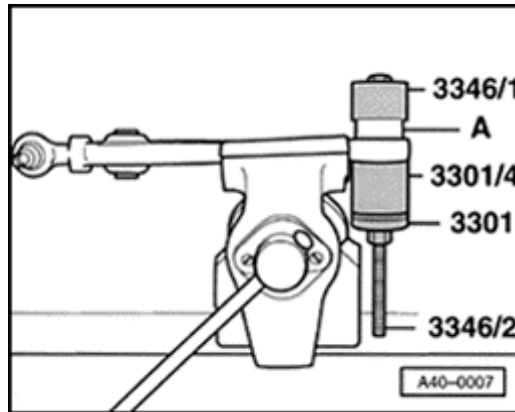
#### **A Pulling out inner bushing**



#### **A Installation position of bushing**

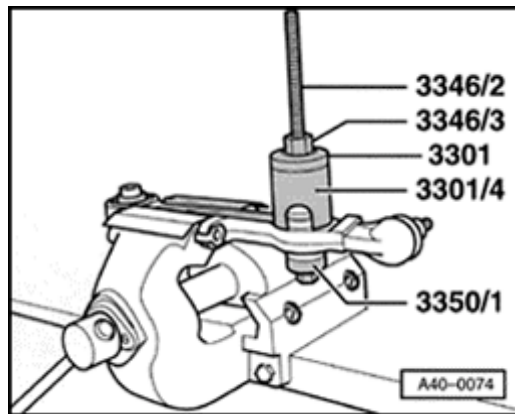
The markings on the lower track control link and on the side of the bushing should be parallel.

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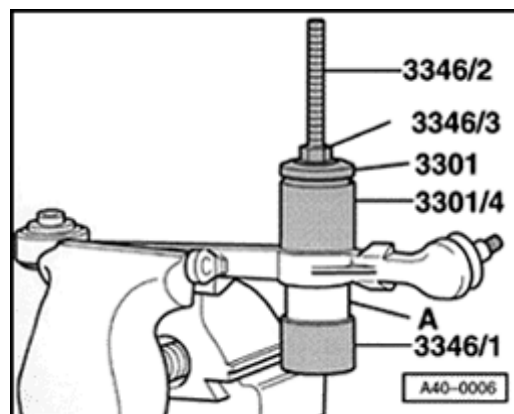


#### ▲ Pulling in inner bushing

- Insert bushing -A- 3.2 mm (1/8 in.) into recess of 3346/1 thrust piece.
- Pull bushing in up to stop.



#### ▲ Pulling out outer bushing



#### **A Pulling in outer bushing**

- Insert bushing -A- 8 mm (5/16 in.) into recess of 3346/1 thrust piece.
- Pull bushing in up to stop.