40-97

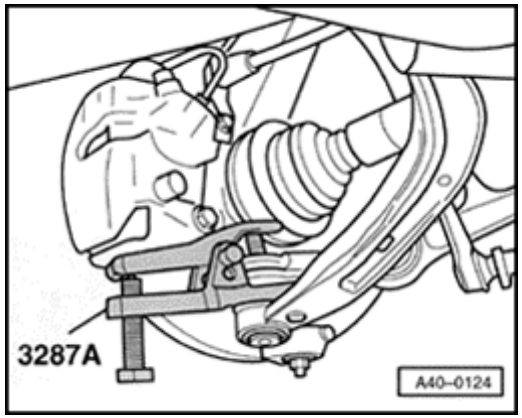
Lower guide link, removing and installing

Removing

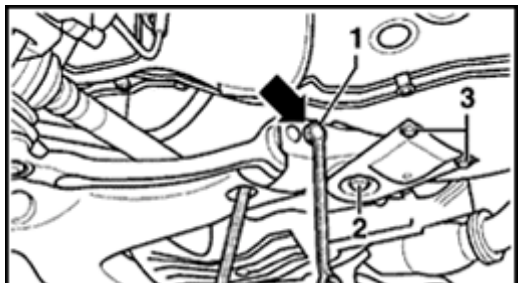
- Remove wheel trim.

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

- Remove wheel.



- Remove nut from lower guide link ball joint and press off ball joint.
  - If necessary counterhold ball joint using 4 mm hex wrench.



- Loosen bolt -1-.

CAUTION!

Be careful not to damage the undercoating or the surfaces of the brake lines.

Subframe must be lowered at rear to remove bolt -1-.

- Loosen support plate bolts -3- and subframe bolts -2-.
- Remove guide link.

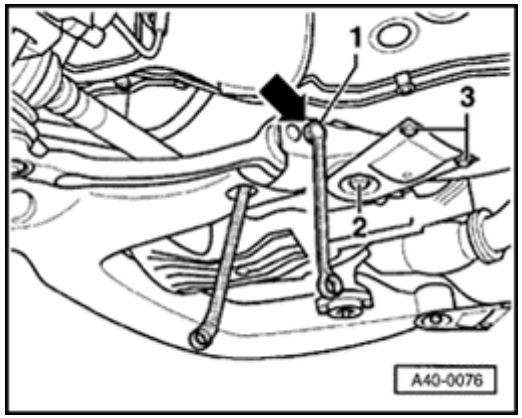
Installing

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.

- All nuts and bolts must be replaced

When installing pay particular attention to the following points:



- Tighten nut at ball joint to 100 Nm (74 ft lb).

Notes:

- *Remove any residue from the ball joint threads.*
- *Use only the inner holes (arrow above).*
- *Press the guide link inward when tightening.*

- Install new bolt -1- and new nut.

  Tightening torque: 90 Nm (66 ft lb) + 1/4-turn (90°)

- Tighten bolts -3- ⇒ page 40-10 , Fig. 3:
  - Ribbed bolt tightening torque: 75 Nm (55 ft lb)
  - Non-ribbed bolt tightening torque: 25 Nm (18 ft lb)

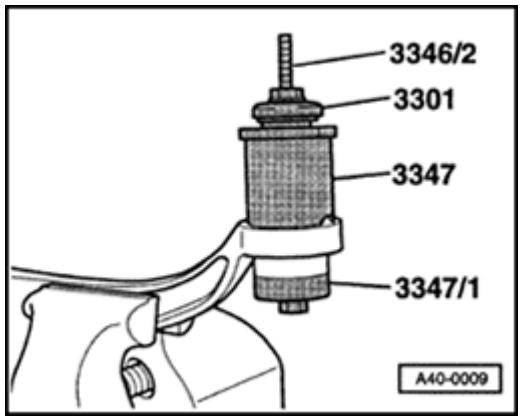
- Install new subframe bolts -2- and tighten to 110 Nm (81 ft lb) + 1/4-turn (90°)

40-99

Lower guide link hydraulic bushings, replacing

Special tools, test equipment and auxiliary items

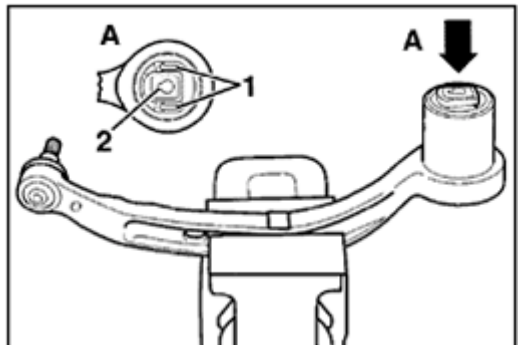
3346/2	3301	3347
3347/1	3346/2	3347/2
3346/3		



Pulling hydraulic bushing out of link

Note:

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

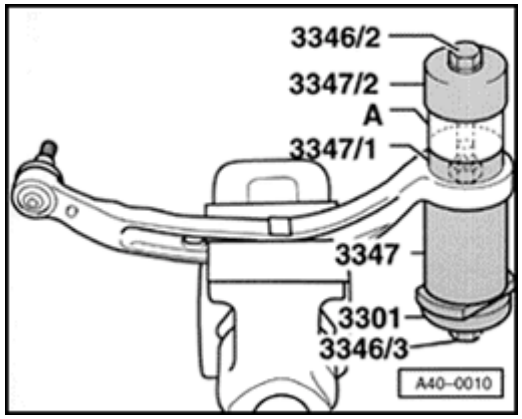


Hydraulic bushing installation position

The arrows on hydraulic bushing -1- and groove -2- point toward the ball joint.

The maximum permissible deviation is ± 5°.

40-100



Pulling in hydraulic bushing

- Insert hydraulic bushing -A- into 3347/2 special tool.
- Tighten 3347/1 sleeve, 3346/2 spindle and nut together.
- Pull hydraulic bushing -A- in up to stop.