

Tie rods, removing and installing

WARNING!

- ◆ *Do not re-use any fasteners that are worn or deformed in normal use.*
- ◆ *Some fasteners are designed to be used only once, and are unreliable and may fail if used a second time. This includes, but is not limited to, nuts, bolts, washers, circlips and cotter pins. Always follow the recommendations in this manual-replace these fasteners with new parts where indicated, and any other time it is deemed necessary by inspection.*

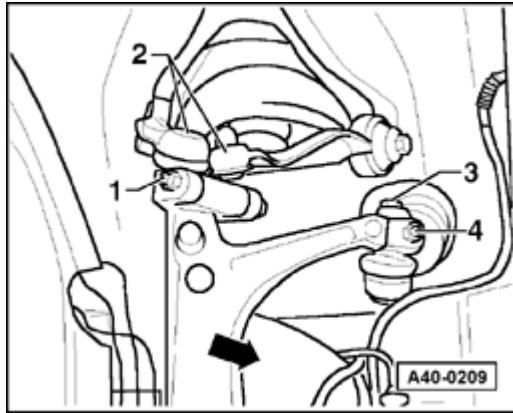
Special tools, test equipment and auxiliary items

VAG1923

Notes:

- ◆ *Left and right-hand tie rods are identical.*
- ◆ *Tie rods can be removed and installed with the steering gear installed.*

Removing

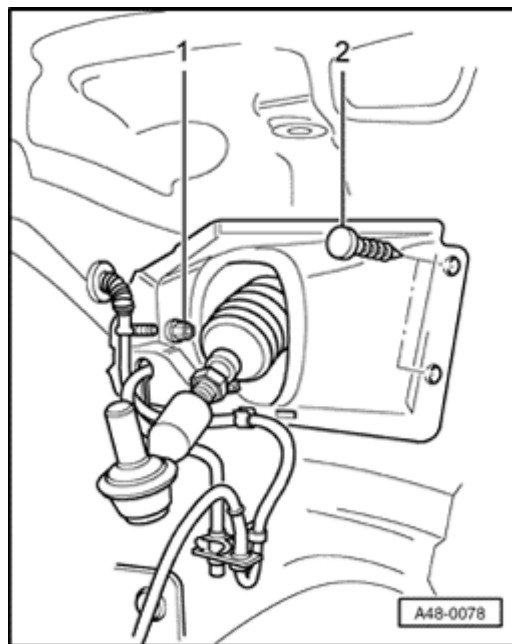


- Remove front wheel.

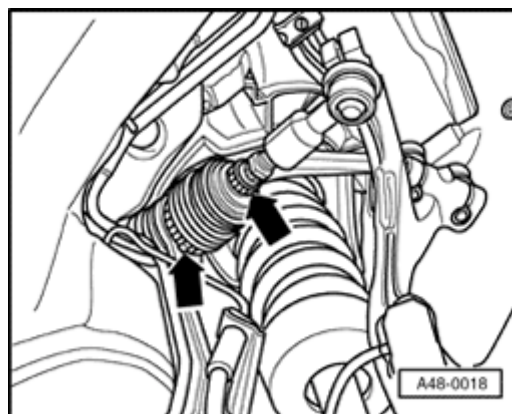
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- Loosen bolts -3- and -4- and disconnect tie rod end downward.

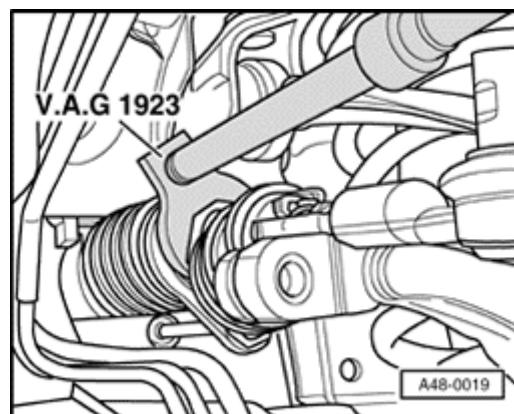
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- A**
- Remove plastic nut -1-.
 - Pry out clips -2-.
 - Remove cover for tie rod.



- A**
- Open clamps on boot.



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- Move boot outward as far as possible.
- Remove tie rod using VAG1923.

Installing

- Install tie rod.
Tightening torque: 100 Nm (74 ft lb)
- When installing boot, make sure to check:
 - ◆ Smaller diameter of boot clips into groove on tie rod
 - ◆ Boot is not twisted
- Replace inner (large) clamp.
- Check wheel alignment ⇒ [page 44-6](#) .