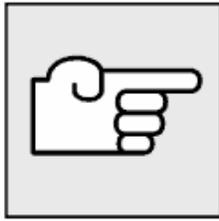
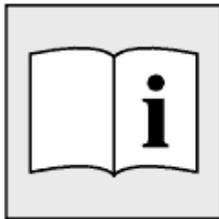
**Special tools required:**

- 32 3 090

*Note:*

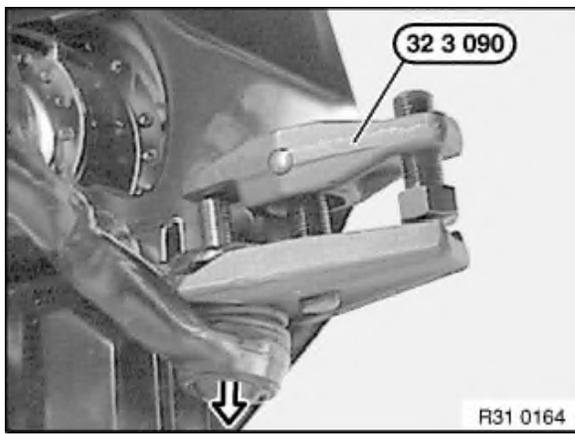
If the tie rod end to tie rod screw/bolt connection is released, it is necessary after reinstallation to carry out a wheel/chassis alignment check.

*Necessary preliminary tasks:*

- Remove front wheel

**Important!**

Do not release tie rod end from swivel bearing with impact tool.  
Rubber gaiter of tie rod end must not be damaged!



Unfasten nut.

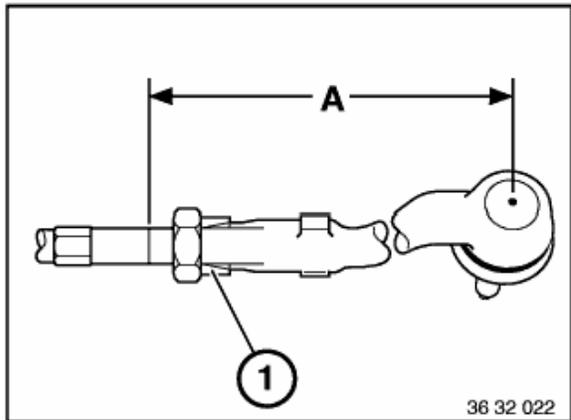
Force tie rod end off steering knuckle with special tool 32 3 090 .

*Installation:*

Keep tie rod end to swivel bearing connection clean and free from oil and grease.

Replace self-locking nut.

Tightening torque 32 21 3AZ .



Determine measurement (A) to simplify following adjustment of front axle.

Release clamping nut.

Screw off tie rod end; if necessary, grip tie rod with open-end wrench.

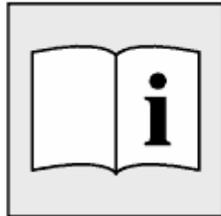
*Installation:*

Check gaiter for damage, replace if necessary.

Mount clamping ring (1).

Screw tie rod end onto tie rod to measurement (A).

Tightening torque 32 21 5AZ .



**After installation:**

- Perform chassis alignment check
- Carry out steering angle sensor adjustment