

Track Rod - Remove And Install (Steering Gear Assembly Removed) (13 263 5)

Special Tools



13025

13-025 Socket, Tie-rod, steering gear

Material

Thread locking compound Loctite 678 or equivalent	WSK-M2G349-A8
---	---------------

Equipment

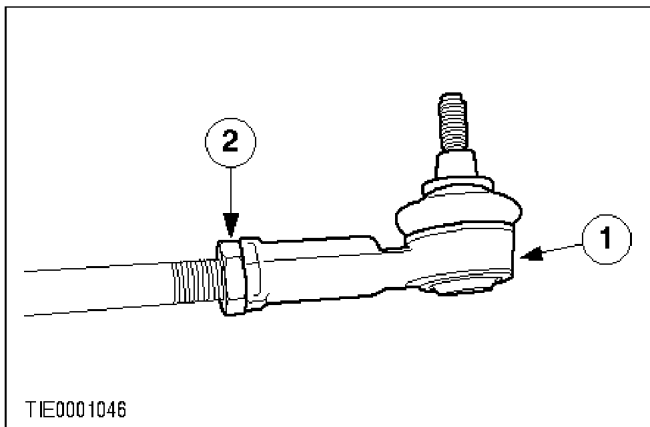
Pipe wrench	
-------------	--

Remove

Note:

TRW shown Wuelfrath similar.

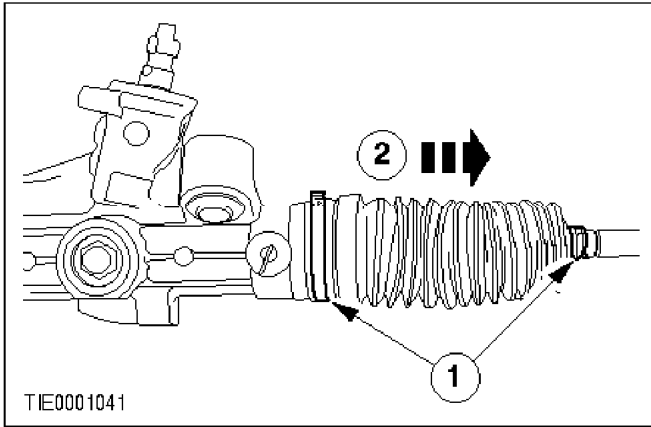
1. Remove the steering gear (refer to «[Operation Number 13 116 0](#)»).



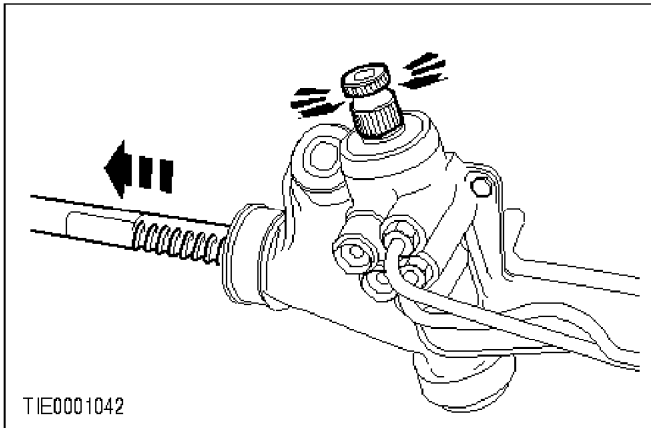
Note:

Make a note of the number of turns required to remove the track rod end.

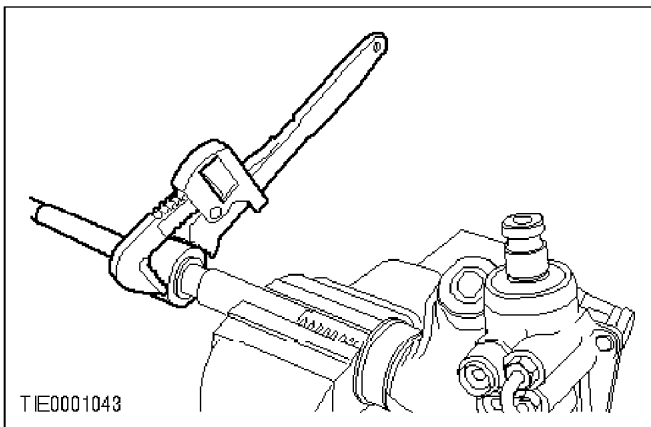
2. Remove the track rod end and locknut.
 - 1 Remove the track rod end.
 - 2 Remove the track rod end locknut.



- 3. Remove the steering rack gaiter.
 - 1 Remove the gaiter clamps.
 - 2 Ease the gaiter off the track rod.



- 4. Rotate the pinion to expose the rack gear teeth.



⚠ CAUTION:
To counter the extensive torque forces required to remove the track rod, clamp the rack gear teeth in a suitable vice. Do not clamp the steering gear body.

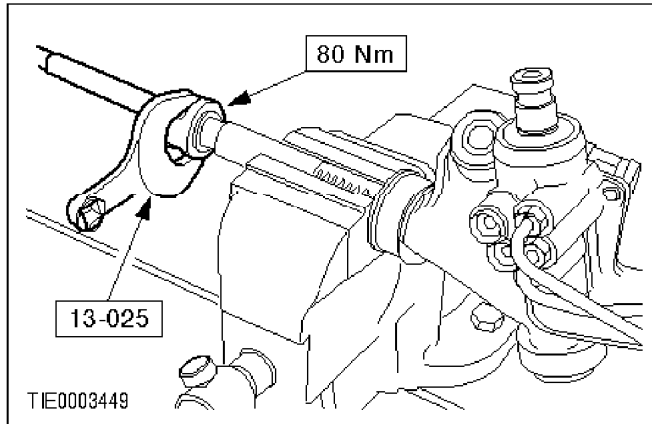
⚠ CAUTION:

Make sure vice jaw protectors are used.

Note:

It may be necessary to secure the rack gear teeth with the steering gear in the vertical position to facilitate removal of the track rod.

5. Secure the steering gear in a suitable vice. Using a suitable pipe wrench, remove the track rod.

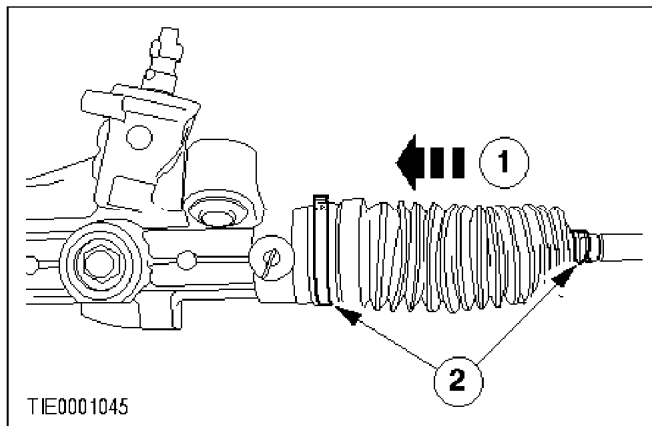


Install

Note:

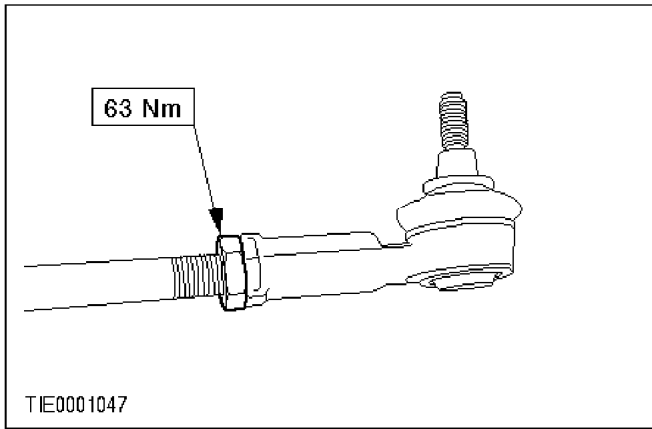
Remove all traces of thread locking compound from the rack. Apply thread locking compound to the inner threads of the new track rod.

6. Install a new track rod.



7. Install the gaiter.

- 1 Install the gaiter.
- 2 Install new clamps.



Note:

Make sure the track rod end is installed by the same number of turns that was used to remove it.

8. Install the track rod end and locknut.
 9. Install the steering gear (ref«**Operation No. 13 11**»). **0»**
 10. Check the front wheel alignment (ref«**Operation Number 14 1**»). **1 0»**
-