



How to change track rod  
end on **VW Jetta Mk7**  
**Saloon (BU3)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

This replacement procedure can be used for:

VW Jetta Mk7 Saloon (BU3) 1.4 TSI

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Variant (3C5) 2.0 TDI

REPLACEMENT: TRACK ROD END – VW JETTA MK7  
SALOON (BU3). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #22
- Combination spanner #24
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

**Buy tools**

Replacement: track rod end – VW Jetta Mk7 Saloon (BU3). Tip from AUTODOC experts:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

**REPLACEMENT: TRACK ROD END – VW JETTA MK7 SALOON (BU3).  
RECOMMENDED SEQUENCE OF STEPS:**

**1** Secure the wheels with chocks.

**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**3** Raise the front of the car and secure on supports.

**4** Unscrew the wheel bolts.



Replacement: track rod end – VW Jetta Mk7 Saloon (BU3). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**5** Remove the wheel.



**6** Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

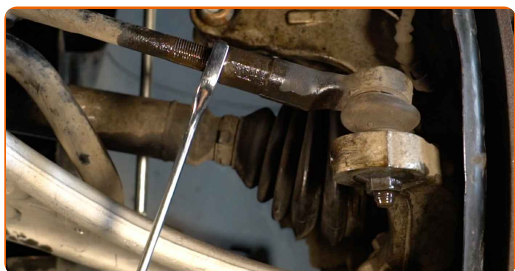


**7** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



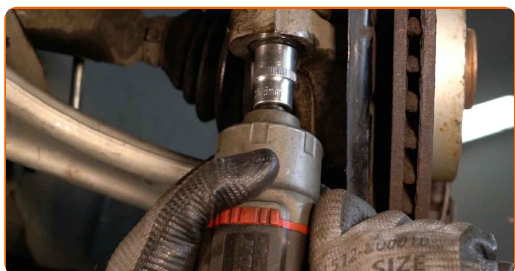
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Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #24.



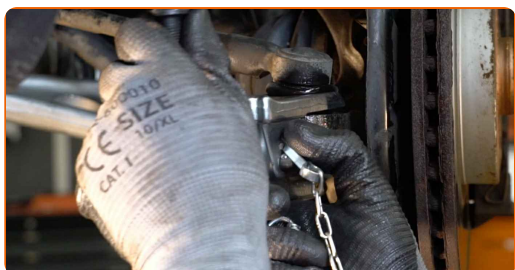
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Unscrew the end fastening nut to the steering knuckle. Use a drive socket #18. Use a tap wrench.



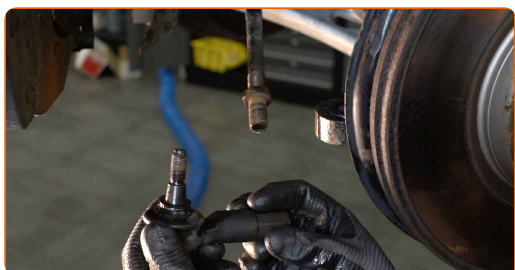
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Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

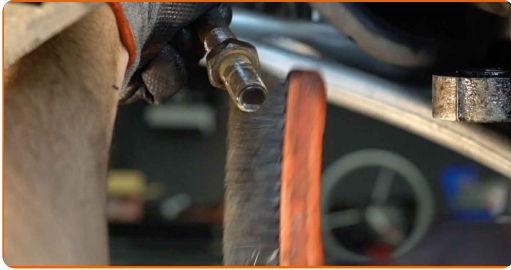


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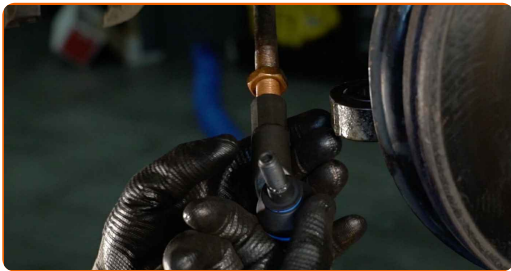
Screw the end out of the tie rod.



**12** Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



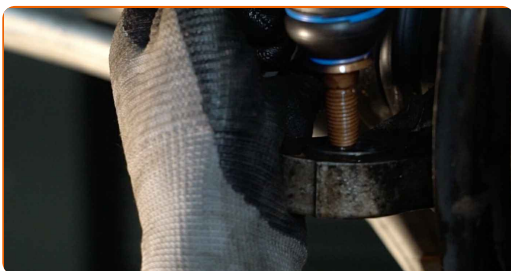
**13** Screw on a new tie rod end.



**AUTODOC recommends:**

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

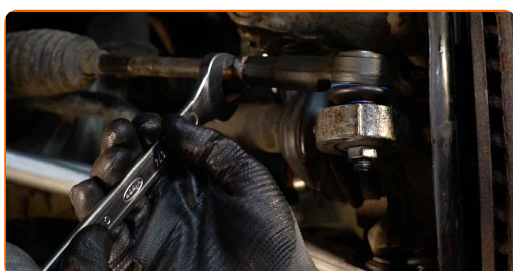
**14** Connect the tie rod end to the steering knuckle.



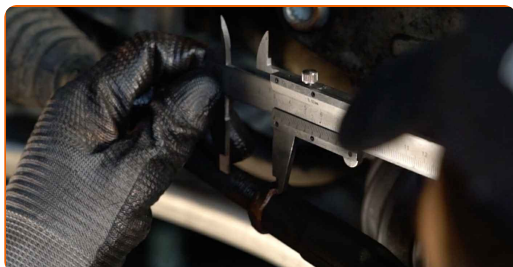
- 15** Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



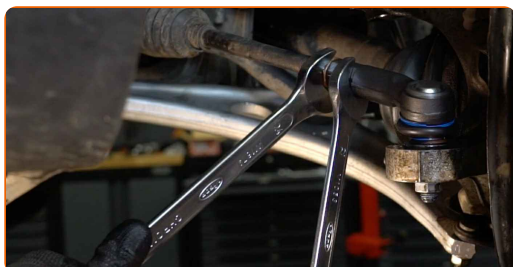
- 16** Screw on the tie rod end jam nut. Use a combination spanner #22. Use a combination spanner #24.



- 17** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



- 18** Tighten the tie rod end locknut. Use a combination spanner #22. Use a combination spanner #24. Use a torque wrench. Tighten it to 70 nm torque.





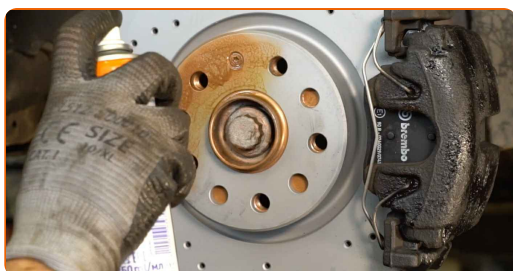
- 19 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 100 nm torque.



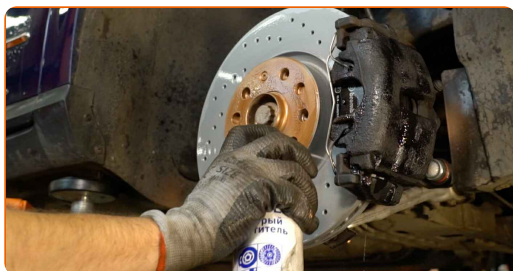
- 20 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



- 21 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



- 22 Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: track rod end – VW Jetta Mk7 Saloon (BU3). After applying the spray, wait a few minutes.

**23**

Install the wheel.

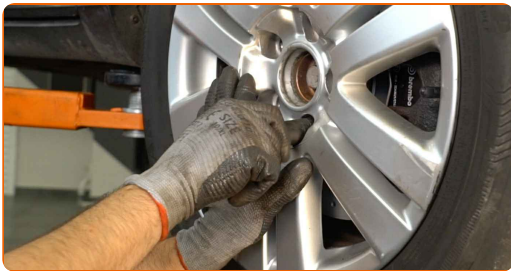


Replacement: track rod end – VW Jetta Mk7 Saloon (BU3). AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

**24**

Screw in the wheel bolts. Use wheel impact socket #17.



**25**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



Replacement: track rod end – VW Jetta Mk7 Saloon (BU3). AUTODOC recommends:

- Check and adjust wheel alignment if necessary.

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Remove the jacks and chocks.



**WELL DONE!** 

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