



How to change track rod
end on **Toyota Aygo AB1**
– replacement guide

VIDEO TUTORIAL



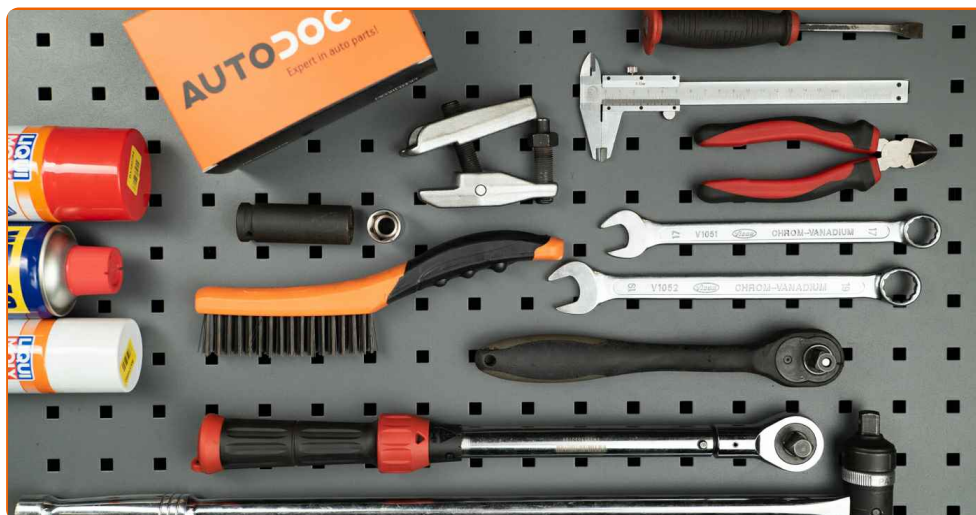
ⓘ Important!

This replacement procedure can be used for:

TOYOTA Aygo (AB10) 1.4 HDi, TOYOTA Aygo (AB10) 1.0 GPL (KGB10_), TOYOTA Aygo (AB40) 1.0 (KGB40_), TOYOTA Aygo (AB40) 1.2 (PAB40_), TOYOTA Aygo (AB40) 1.0 VVTi (KGB40)

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – TOYOTA AYGO AB1. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Wheel impact socket #19
- Torque wrench
- Nippers
- Tap wrench
- Vernier caliper
- Crow bar
- Ball joint puller
- Wheel chock

BUY TOOLS

Replacement: track rod end – Toyota Aygo AB1. AUTODOC experts recommend:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- During the installation process, use only new bolts and nuts.
- Warning! Shut down the engine before starting any work – Toyota Aygo AB1.

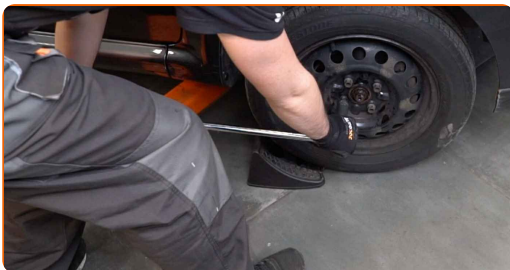
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.

2

Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.



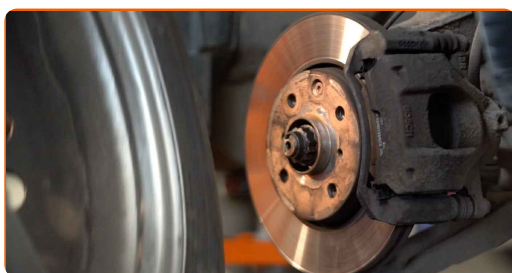
4 Unscrew the wheel bolts.



Replacement: track rod end – Toyota Aygo AB1. Tip:

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

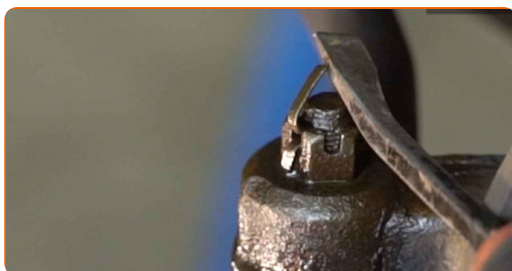
5 Remove the wheel.



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

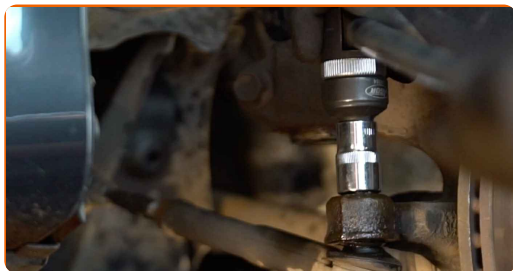


7 Remove the cotter pin fixing the tie rod end fastening. Use nippers. Use a crowbar.



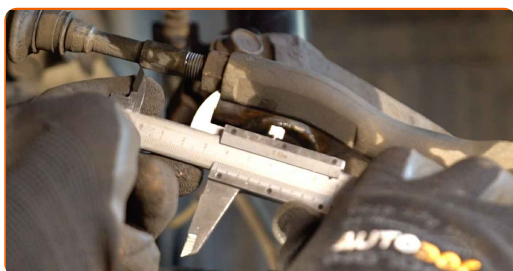
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Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a tap wrench.



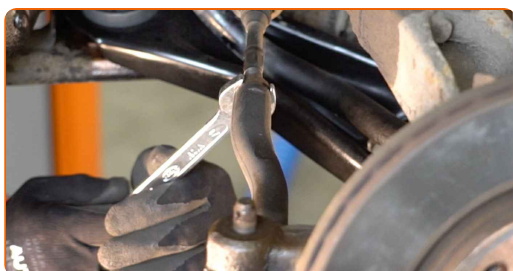
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When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



10

Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #17.



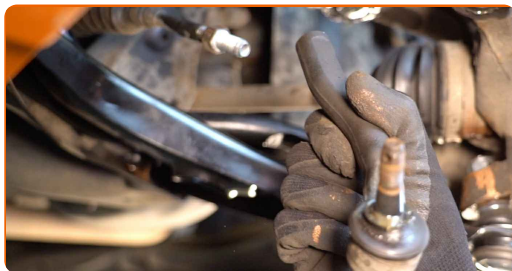
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Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



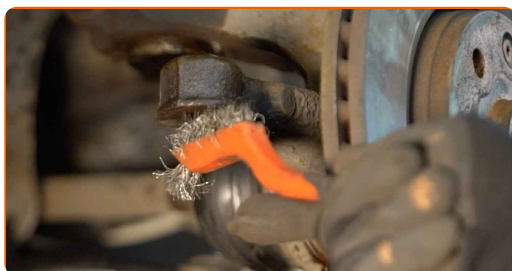
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Screw the end out of the tie rod.



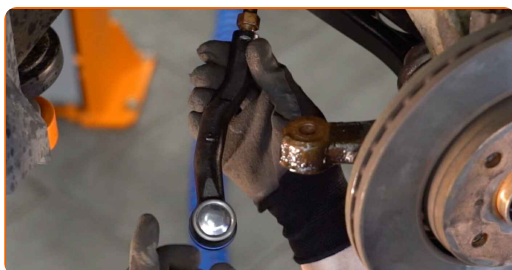
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Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



14

Screw on a new tie rod end.



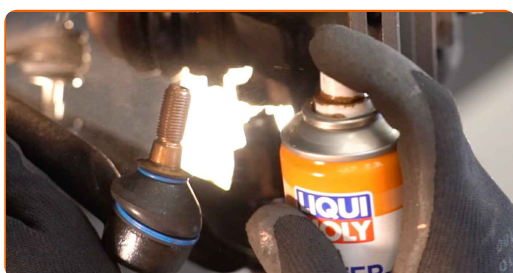
Replacement: track rod end – Toyota Aygo AB1. AUTODOC recommends:

- 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

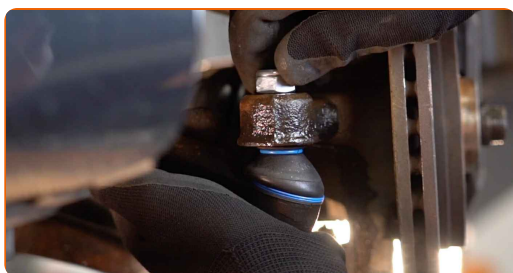
- 15** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



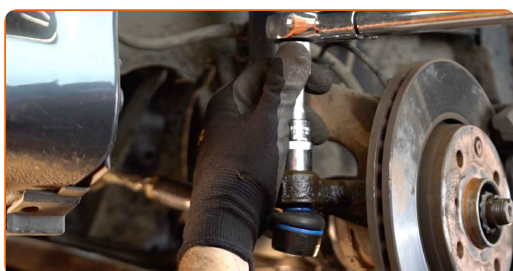
- 16** Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



- 17** Connect the tie rod end to the steering knuckle.



- 18** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 33 nm torque.

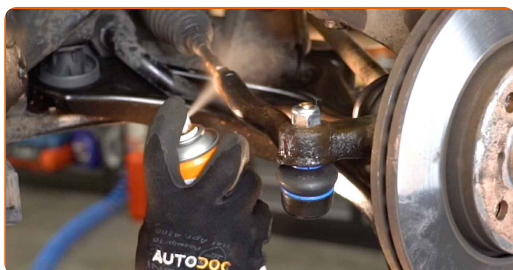


- 19** Tighten the tie rod end locknut. Use a combination spanner #17. Use a combination spanner #19. Use a torque wrench. Tighten it to 47 nm torque.



- 20** Install the cotter pin fixing the tie rod end fastening.

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



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



- 23** Clean the wheel rim mounting seat. Use a brake cleaner.

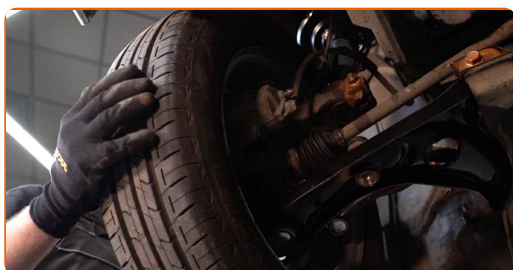


AUTODOC recommends:

- Replacement: track rod end – Toyota Aygo AB1. After applying the spray, wait a few minutes.

24

Install the wheel.

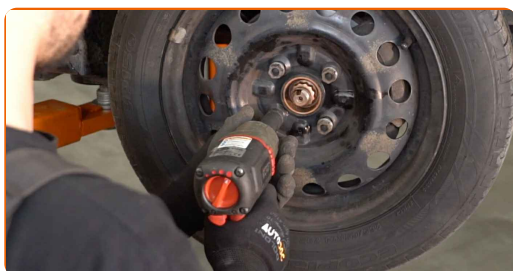


Replacement: track rod end – Toyota Aygo AB1. Tip from AUTODOC:

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

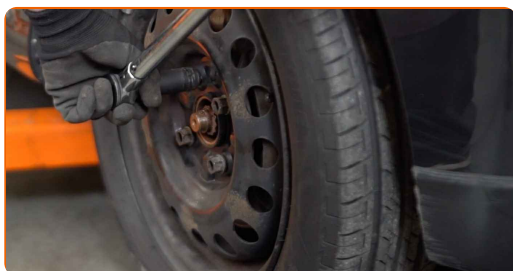
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Screw in the wheel bolts. Use wheel impact socket #19.



26

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 103 nm torque.

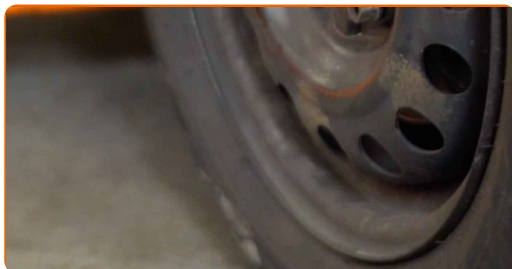


Replacement: track rod end – Toyota Aygo AB1. Professionals recommend:

- Check and adjust wheel alignment if necessary.

27

Remove the jacks and chocks.



WELL DONE! 

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