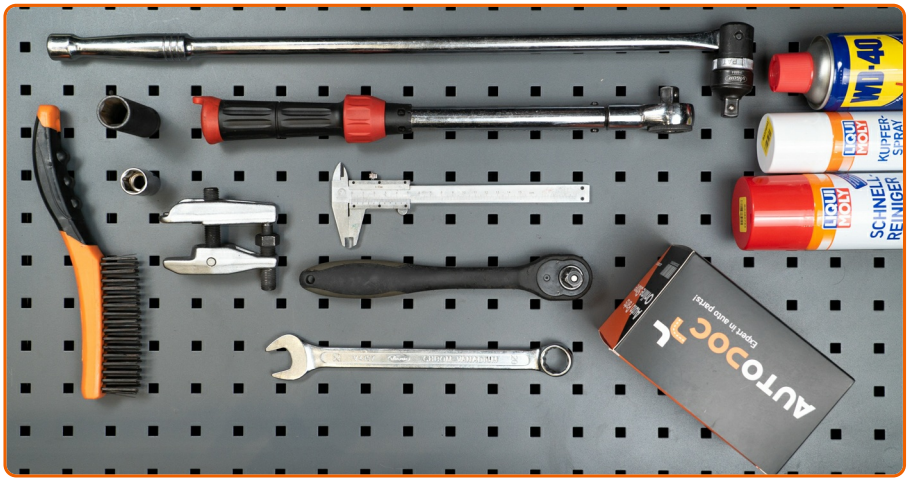
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT PUNTO (188_) 1.2 60 (188.030, .050, .130, .150, .230, .250), FIAT PUNTO (188_) 1.2 Natural Power, FIAT PUNTO Van (188_) 1.2 60

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 17
- Combination spanner #20
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Tap wrench
- Wheel chock

AUTODOC recommends:

- 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.

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.

AUTODOC recommends:

- 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.

8

Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #20.

9

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

10

Disconnect the tie rod end from the steering knuckle.

11

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.

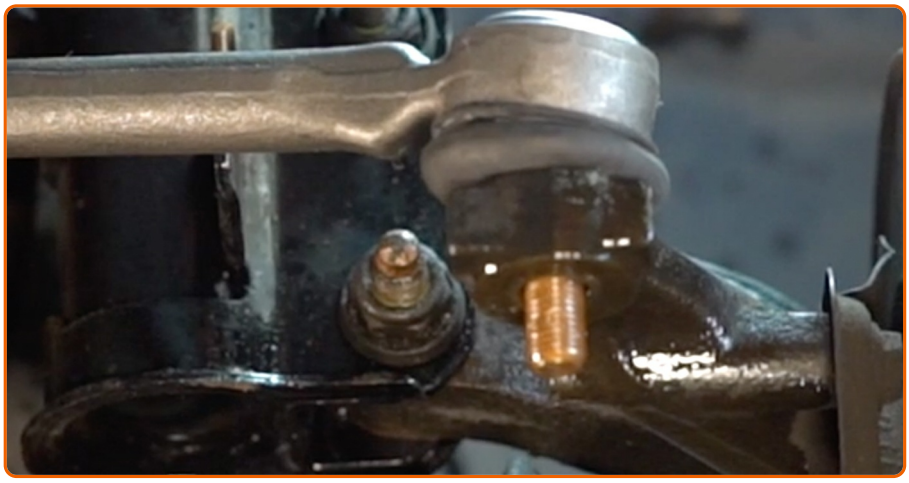
AUTODOC recommends:

- 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

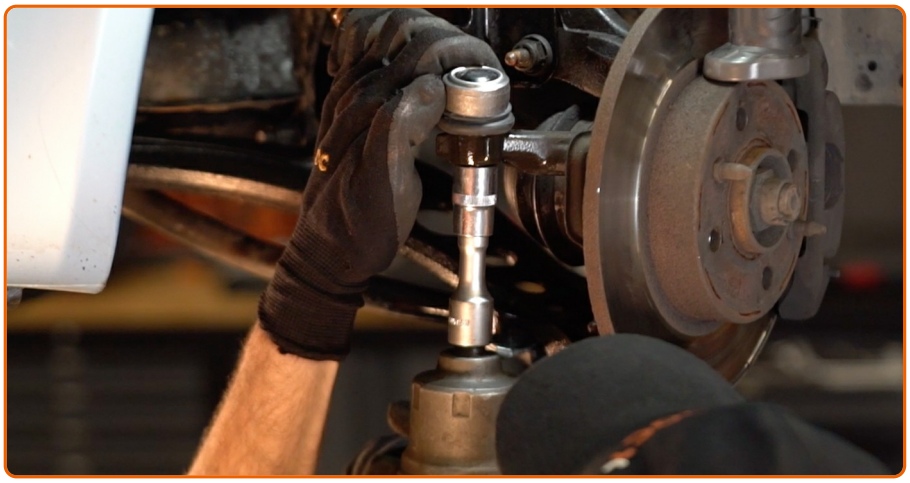
Treat the threaded part of the tie rod. Use copper grease.

15



Connect the tie rod end to the steering knuckle.

16

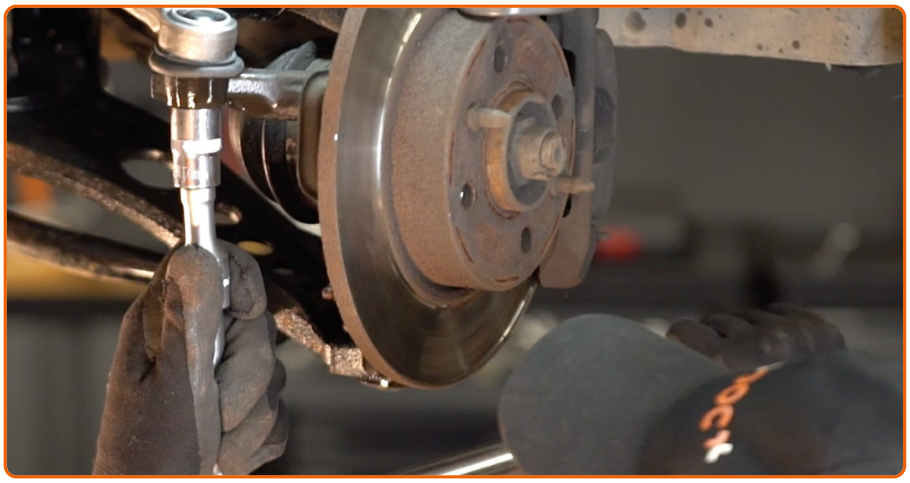


Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.

17

Screw on the tie rod end jam nut. Use a combination spanner #20.

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 70 nm torque.

19

Tighten the tie rod end locknut. Use a combination spanner #20. Use a torque wrench. Tighten it to 50 nm torque.

20

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

21

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.

22

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

23

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

24

Install the wheel.

AUTODOC recommends:

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

25

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 120 nm torque.

AUTODOC recommends:

- Check and adjust wheel alignment if necessary.

27

Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

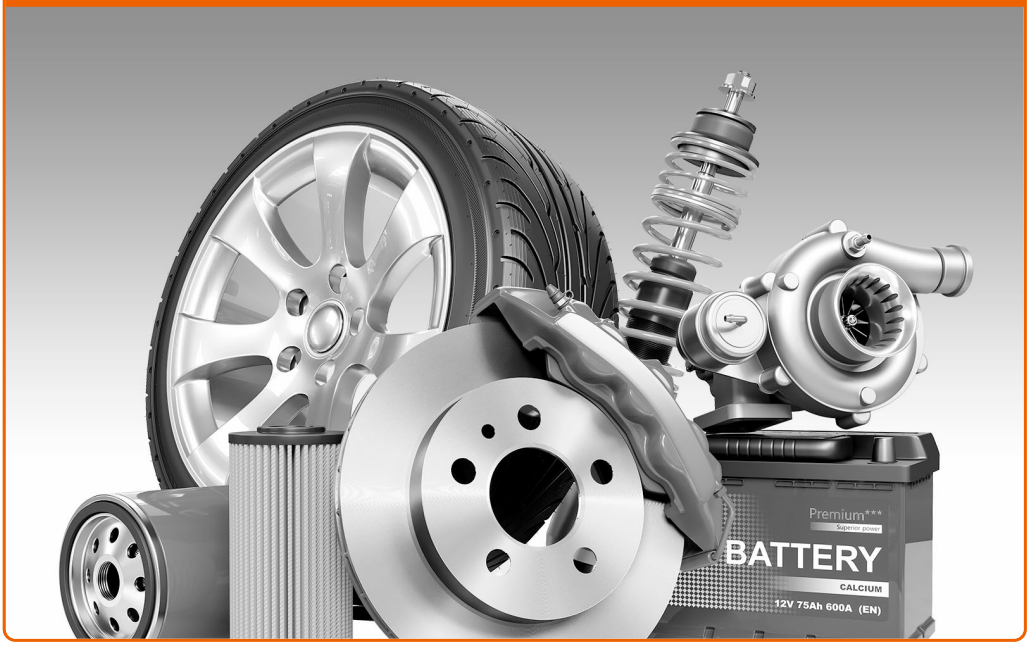
YES NO

BECOME A MEMBER OF AUTODOC CLUB!

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

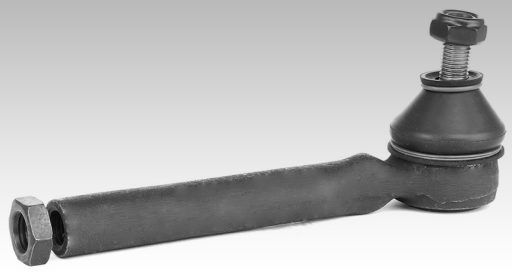
AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR



BUY SPARE PARTS FOR FIAT

TIE ROD ENDS: A WIDE SELECTION



CHOOSE CAR PARTS FOR FIAT PUNTO II 188

TIE ROD ENDS FOR FIAT: BUY NOW

TIE ROD ENDS FOR FIAT PUNTO II 188: THE BEST DEALS & OFFERS

Disclaimer:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AutoDoc shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AutoDoc shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AutoDoc shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AutoDoc strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2018 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by Autodoc GmbH.