



How to change rear
shock absorbers on **FIAT
Doblo I Estate (119, 223)** –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

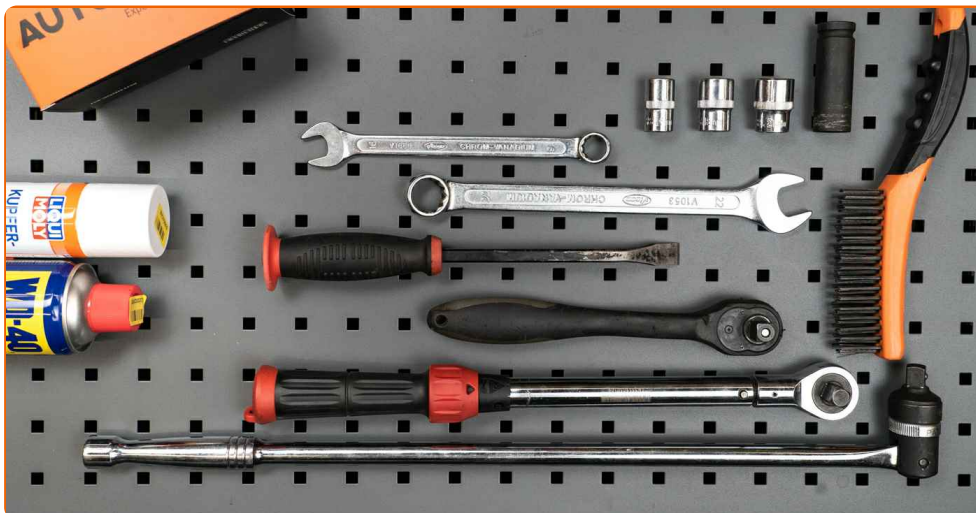
This replacement procedure can be used for:

FIAT Doblo I Estate (119, 223) 1.2, FIAT Doblo I Estate (119, 223) 1.9 D, FIAT Doblo I Estate (119, 223) 1.9 JTD, FIAT Doblo I Estate (119, 223) 1.6 16V, FIAT Doblo I Estate (119, 223) 1.3 D Multijet, FIAT Doblo I Estate (119, 223) 1.6 Natural Power

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: FIAT Doblo I Cargo (223) 1.3 D Multijet

REPLACEMENT: SHOCK ABSORBERS – FIAT DOBLO I
ESTATE (119, 223). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #21
- Combination spanner #22
- Drive socket # 16
- Drive socket # 18
- Drive socket # 21
- Wheel impact socket #17
- Torque wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: shock absorbers – FIAT Doblo I Estate (119, 223). Tip from AUTODOC experts:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – FIAT DOBLO I ESTATE (119, 223). RECOMMENDED SEQUENCE OF STEPS:

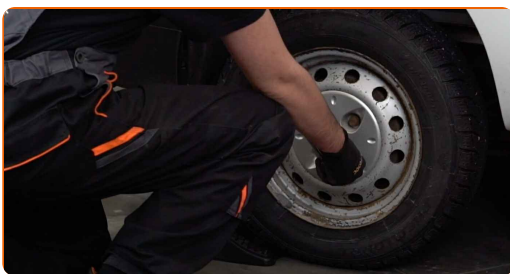
1

Secure the wheels with chocks.



2

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



3

Raise the rear of the car and secure on supports.

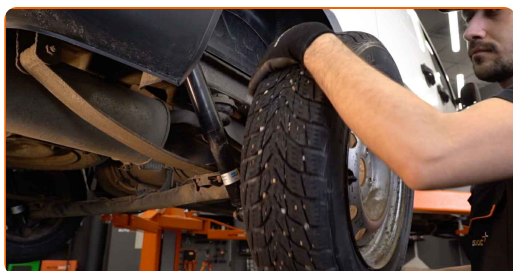
4 Unscrew the wheel bolts.



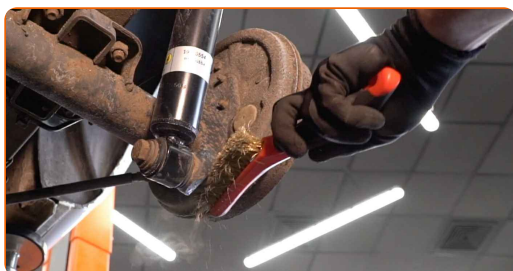
Replacement: shock absorbers – FIAT Doblo I Estate (119, 223). AUTODOC recommends:

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

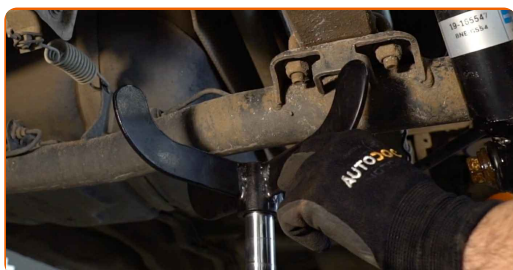
5 Remove the wheel.



6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



7 Support the rear suspension beam. Use a hydraulic transmission jack.



8

Unscrew the upper fastener of the shock absorber. Use a drive socket #18. Use a tap wrench.



9

Unscrew the lower fastener of the shock absorber. Use a drive socket #21. Use a tap wrench.

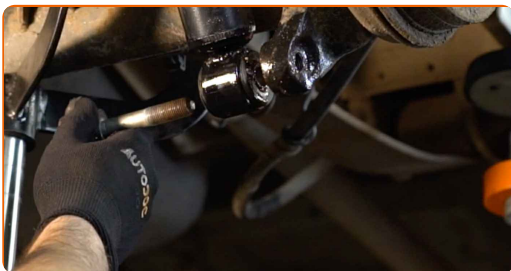


Replacement: shock absorbers – FIAT Doblo I Estate (119, 223). Tip:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

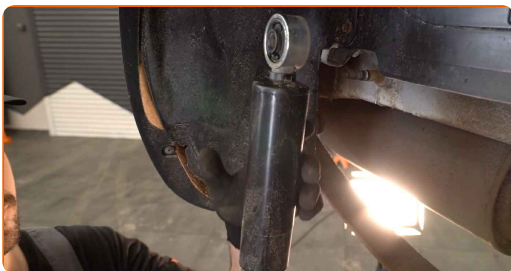
10

Remove the fastening bolt.



11

Remove the shock absorber.

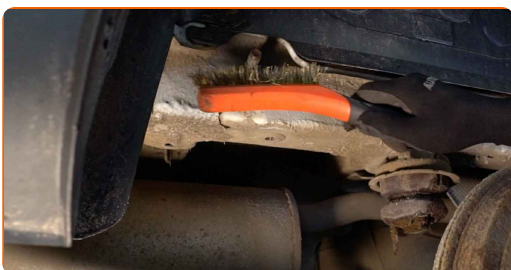


Replacement: shock absorbers – FIAT Doblo I Estate (119, 223). Professionals recommend:

- Before installing a new shock absorber you should pump it manually 3-5 times.

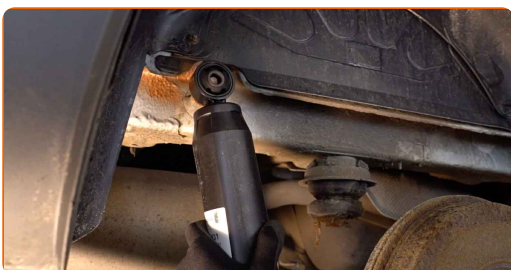
12

Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



13

Place the shock absorber in the wheel arch and fasten it.



AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. FIAT Doblo I Estate (119, 223)

14

Install the fastening bolt.



15 Screw in the lower fastener of the shock absorber. Use a drive socket #21.



16 Screw the upper fastener of the shock absorber. Use a drive socket #18. Use a combination spanner #22.



17 Tighten the top shock absorber fastening. Use a drive socket #18. Use a torque wrench. Tighten it to 50 Nm torque.



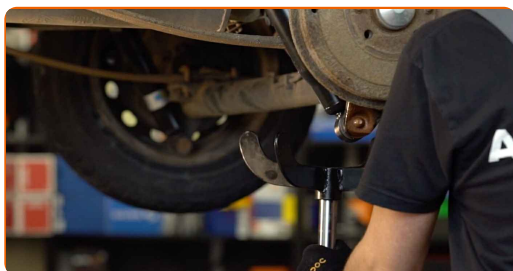
18 Tighten the lower fastener of the shock absorber. Use a drive socket #21. Use a combination spanner #21. Use a torque wrench. Tighten it to 110 Nm torque.



19 Treat the shock absorber fasteners. Use copper grease.



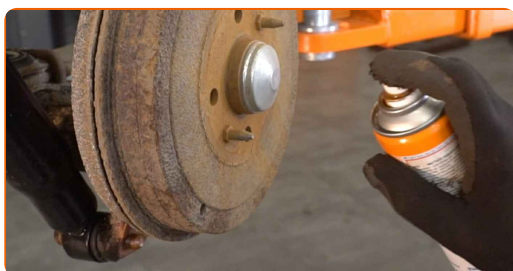
20 Remove the mounting from under the rear axle beam.



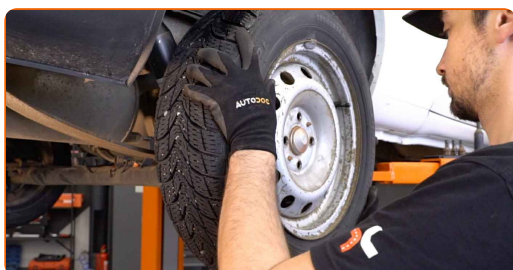
AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

21 Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



22 Install the wheel.

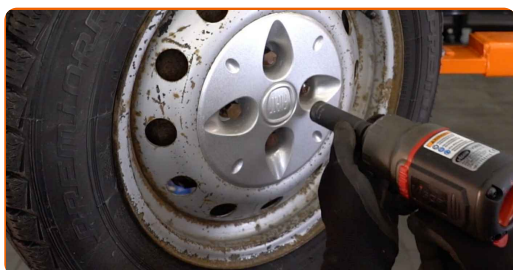


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FIAT Doblo I Estate (119, 223)

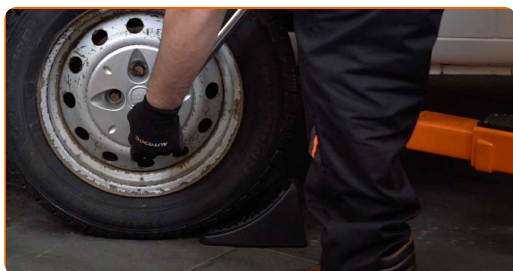
23

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



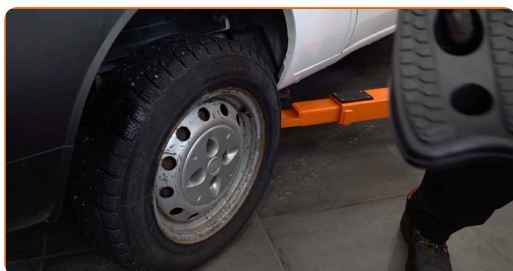
24

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 98 Nm torque.



25

Remove the jacks and chocks.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

SHOCK ABSORBERS: A WIDE SELECTION

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 2022 – 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.