



How to change rear coil
springs on **OPEL Tigra**
TwinTop (X04) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

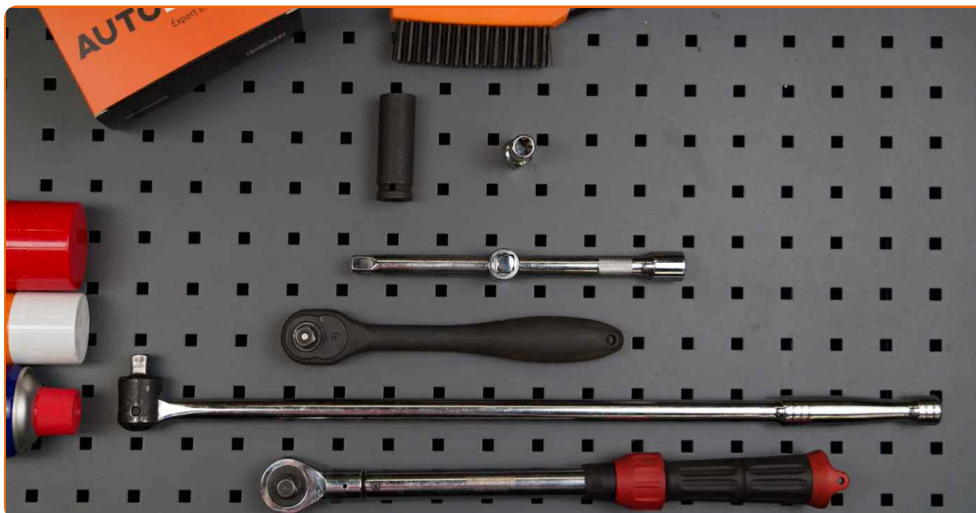
This replacement procedure can be used for:

OPEL Tigra TwinTop (X04) 1.4, OPEL Tigra TwinTop (X04) 1.8, OPEL Tigra TwinTop (X04) 1.3 CDTI

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: OPEL Corsa C Hatchback (X01) 1.3 CDTI (F08, F68)

REPLACEMENT: COIL SPRINGS – OPEL TIGRA
TWINTOP (X04). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E14
- Wheel impact socket #17
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

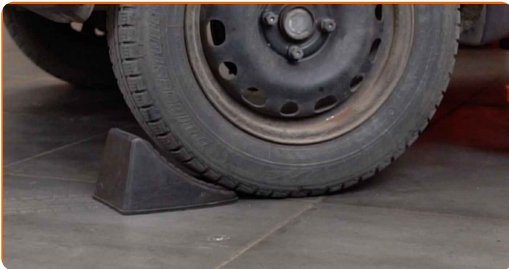
Replacement: coil springs – OPEL Tigra TwinTop (X04). AUTODOC experts recommend:

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

REPLACEMENT: COIL SPRINGS – OPEL TIGRA TWINTOP (X04). USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

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

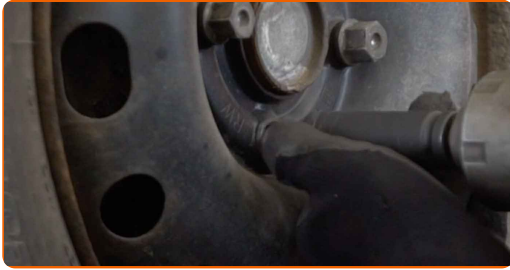


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
OPEL Tigra TwinTop (X04)

5

Remove the wheel.



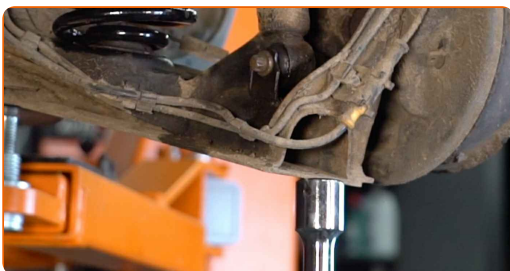
6

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 lower fastener of the shock absorber. Use a drive socket #E14.



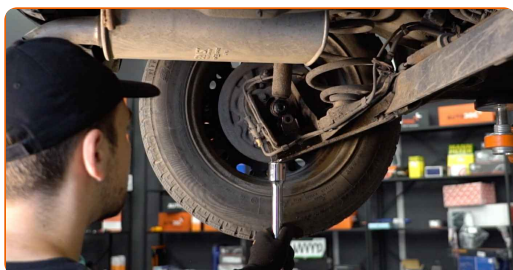
9 Remove the fastening bolt.



10 Detach the lower part of the shock absorber.



11 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – OPEL Tigra TwinTop (X04). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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

13 Unscrew the lower fastener of the shock absorber. Use a drive socket #E14.

14 Remove the fastening bolt.

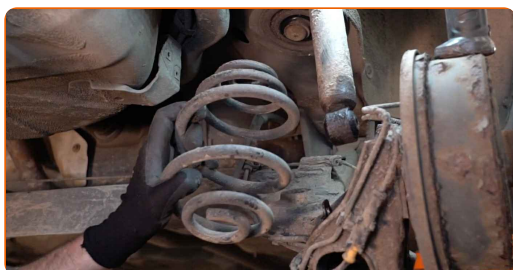
15 Detach the lower part of the shock absorber.

16 Remove the mounting from under the rear axle beam.

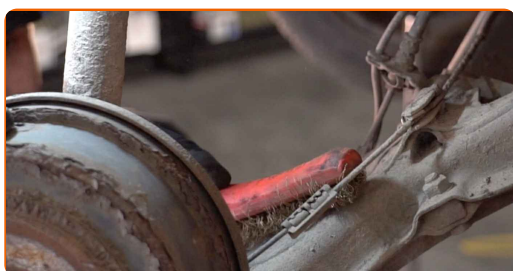
AUTODOC recommends:

- Replacement: coil springs – OPEL Tigra TwinTop (X04). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

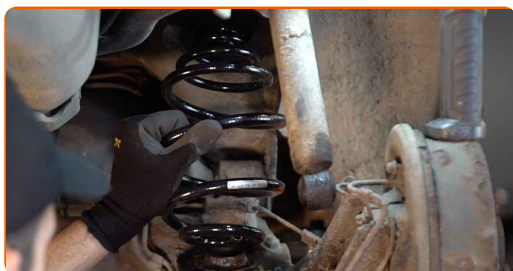
17 Take out the spring.



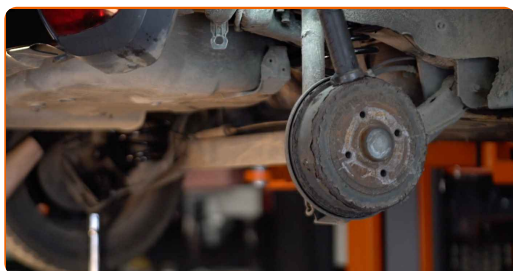
18 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



19 Install the coil spring together with the rubber mounts into the mounting seats.



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

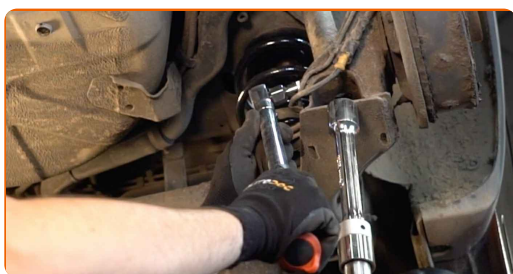


21 Attach the lower part of the shock absorber.

22 Install the fastening bolt.

23 Screw in the lower fastener of the shock absorber. Use a drive socket #E14.

24 Tighten the lower fastener of the shock absorber. Use a drive socket #E14. Use a torque wrench. Tighten it to 110 Nm torque.



25 Remove the mounting from under the rear axle beam.

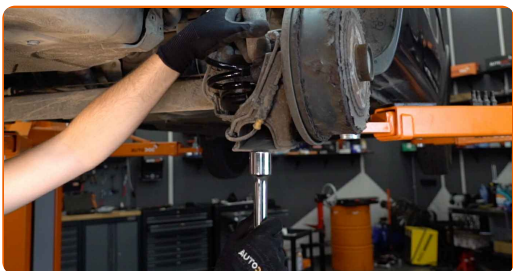


AUTODOC recommends:

- Replacement: coil springs – OPEL Tигра TwinTop (X04). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

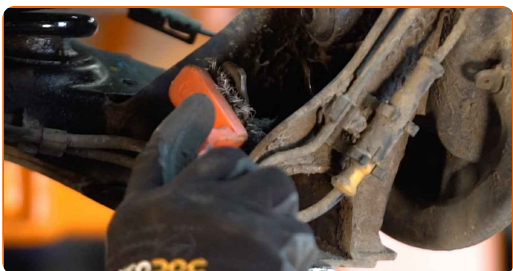
26

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



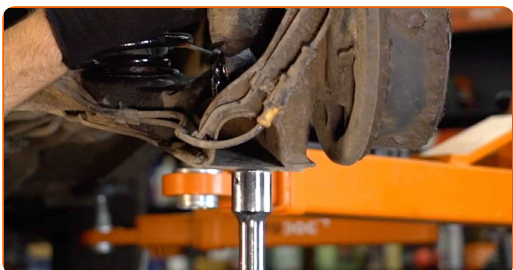
27

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



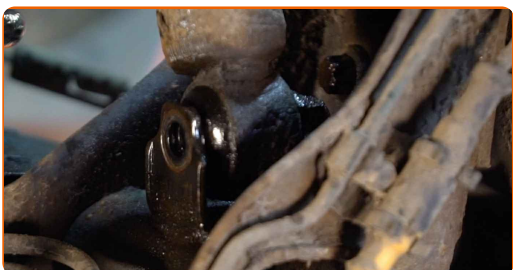
28

Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.

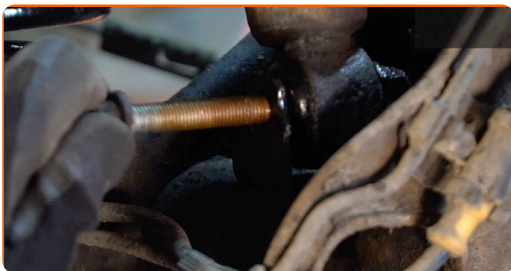


29

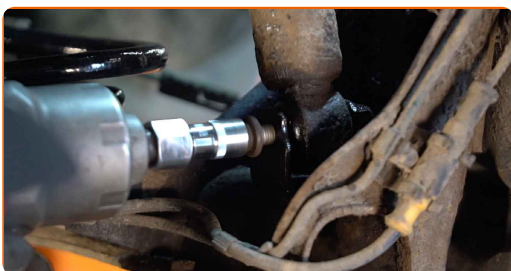
Attach the lower part of the shock absorber.



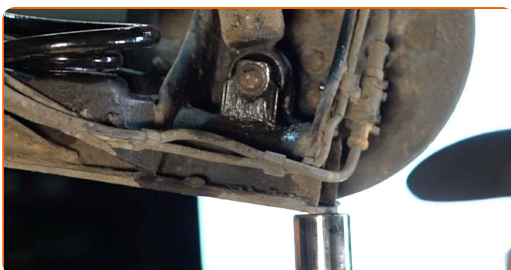
30 Install the fastening bolt.



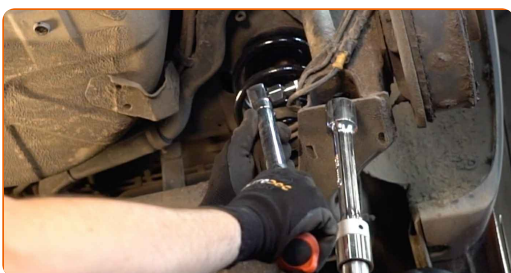
31 Screw in the lower fastener of the shock absorber. Use a drive socket #E14.



32 Raise the hydraulic transmission jack by 10-15 cm.



33 Tighten the lower fastener of the shock absorber. Use a drive socket #E14. Use a torque wrench. Tighten it to 110 Nm torque.



34 Remove the mounting from under the rear axle beam.

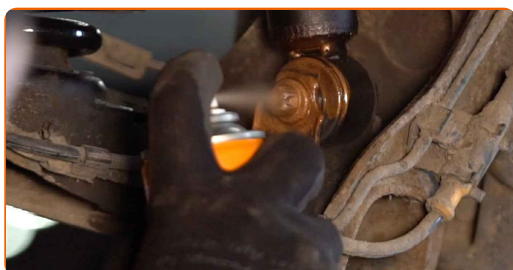


AUTODOC recommends:

- Replacement: coil springs – OPEL Tigra TwinTop (X04). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

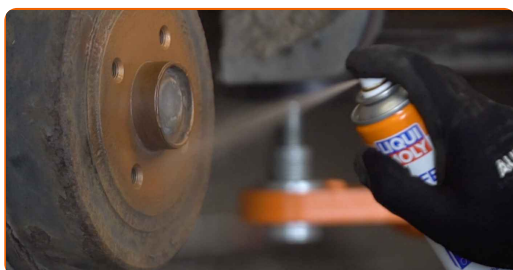
35

Treat the shock absorber fasteners. Use copper grease.



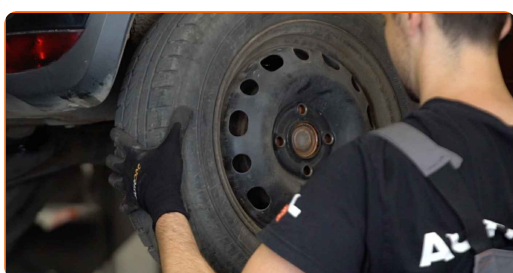
36

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



37

Install the wheel.

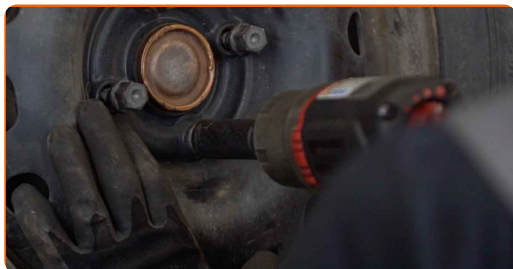


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. OPEL Tigra TwinTop (X04)

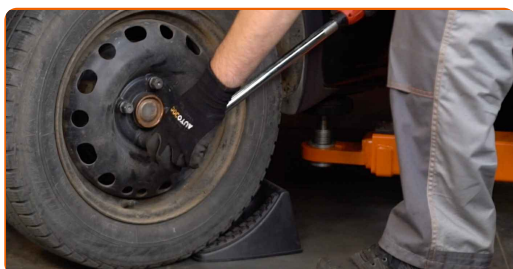
38

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



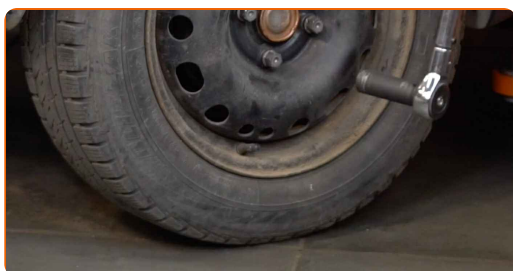
39

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.



40

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

COIL SPRINGS: 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 2023 – 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 SE.