



How to change rear coil
springs on **Toyota Auris**
E15 – replacement guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

TOYOTA Auris Estate (E18) 1.3 (NRE180_), TOYOTA Auris Estate (E18) 1.4 D-4D (NDE180_)

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – TOYOTA AURIS E15.

LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

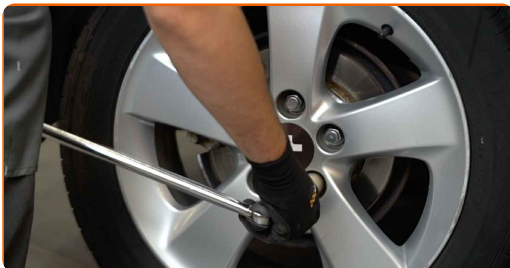
Replacement: coil springs – Toyota Auris E15. Tip from AUTODOC experts:

- 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.

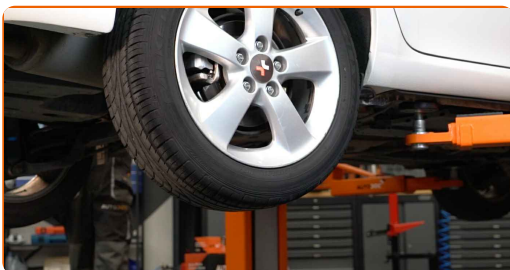
REPLACEMENT: COIL SPRINGS – TOYOTA AURIS E15. TAKE THE FOLLOWING STEPS:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #21.



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.
Toyota Auris E15

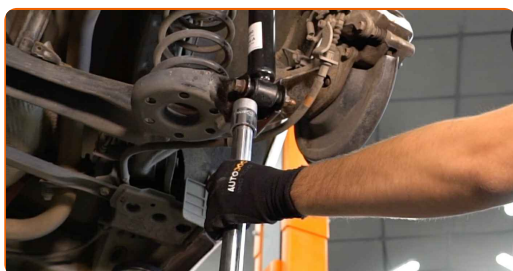
5

Remove the wheel.



6

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



7

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



- 8 Unscrew the lower fastener of the shock absorber. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



- 9 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – Toyota Auris E15. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

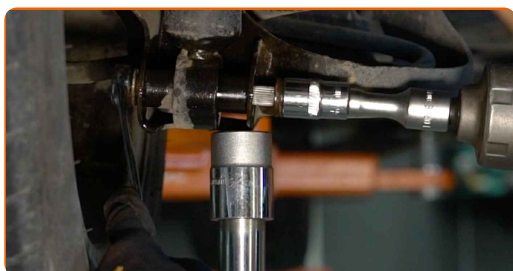
- 10 Remove the fastening bolt.



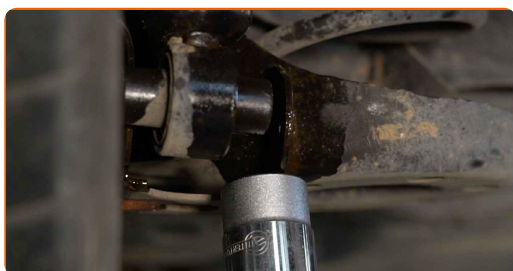
- 11 Support the rear suspension beam. Use a hydraulic transmission jack.



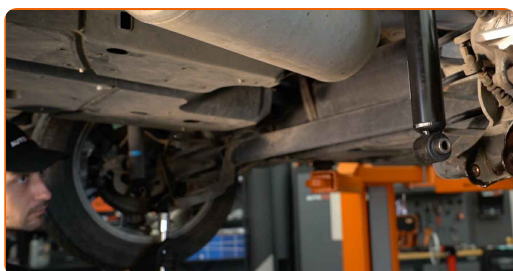
- 12 Unscrew the lower fastener of the shock absorber. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



- 13 Remove the fastening bolt.



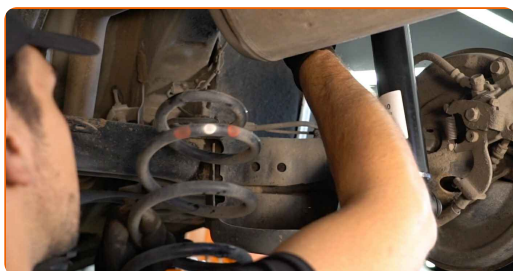
- 14 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Toyota Auris E15 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 15 Take out the spring.

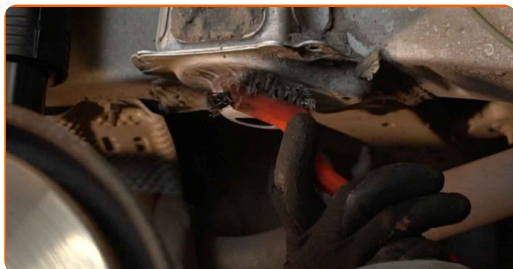


Replacement: coil springs – Toyota Auris E15. Professionals recommend:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

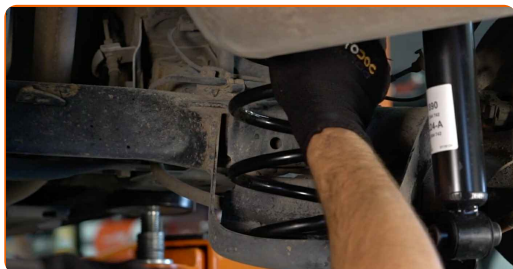
16

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



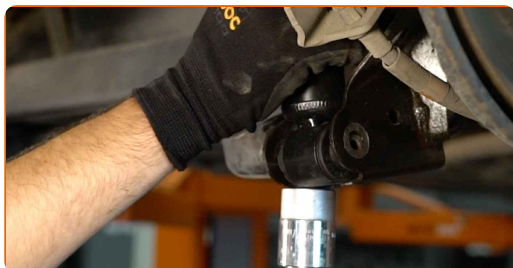
17

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



18

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



19

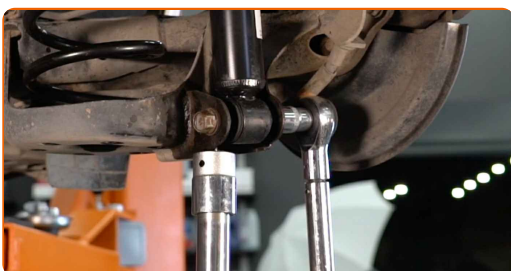
Install the fastening bolt.



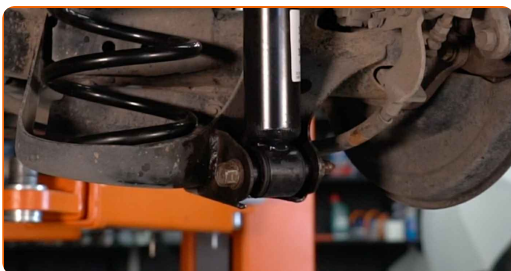
20 Raise the hydraulic transmission jack by 10-15 cm.



21 Tighten the lower fastener of the shock absorber. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 75 Nm torque.



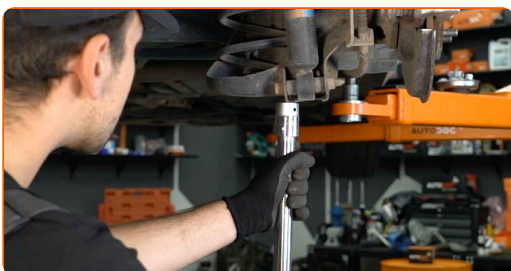
22 Remove the mounting from under the rear axle beam.



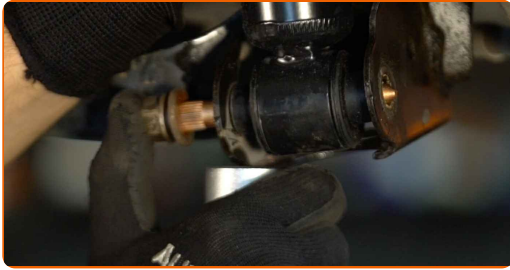
AUTODOC recommends:

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

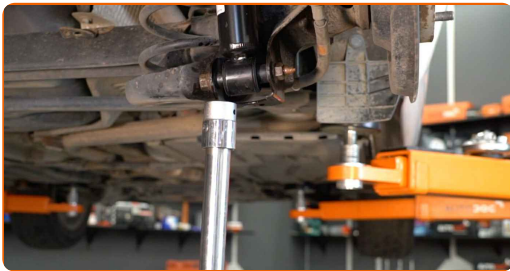
23 Support the rear suspension beam. Use a hydraulic transmission jack.



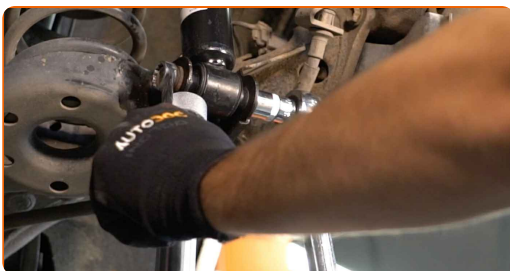
24 Install the fastening bolt.



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



26 Tighten the lower fastener of the shock absorber. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 75 Nm torque.



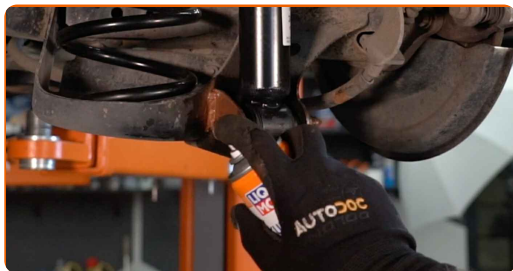
27 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – Toyota Auris E15. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

28 Treat the shock absorber fasteners. Use copper grease.



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



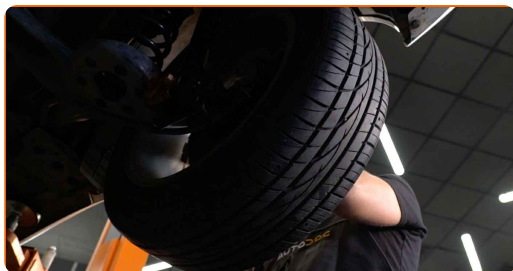
30 Clean the brake disk surface. Use a brake cleaner.



Replacement: coil springs – Toyota Auris E15. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Toyota Auris E15

32

Screw in the wheel bolts. Use wheel impact socket #21.



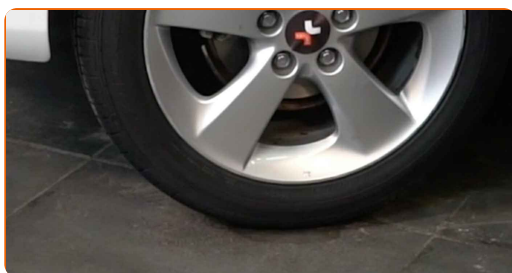
33

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 103 nm torque.



34

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

BUY SPARE PARTS FOR TOYOTA

COIL SPRINGS: A WIDE SELECTION

CHOOSE CAR PARTS FOR TOYOTA AURIS E15

COIL SPRINGS FOR TOYOTA: BUY NOW

COIL SPRINGS FOR TOYOTA AURIS E15: 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 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.