



How to change front
strut mount on **FORD**
MONDEO III (B5Y) –
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:

FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III (B5Y) 2.5 V6 24V, FORD MONDEO III (B5Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 16V TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 TDCi, FORD MONDEO III (B5Y) ST220, FORD MONDEO III (B5Y) 1.8 SCi, FORD MONDEO III (B5Y) 2.2 TDCi, FORD MONDEO III (B5Y) 3.0 V6 24V

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: FORD MONDEO III Saloon (B4Y) 2.0 16V

REPLACEMENT: STRUT MOUNT – FORD MONDEO III (B5Y). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torque wrench
- Combination spanner #15
- Combination spanner #17
- Drive socket # 13
- Drive socket # 15
- Drive socket # 17
- Drive socket # 19
- Drive socket # 32
- Shock absorber socket
- HEX bit No.H6
- Wheel impact socket #19
- Ratchet wrench
- Pin punch
- Hammer
- Tap wrench
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

Buy tools

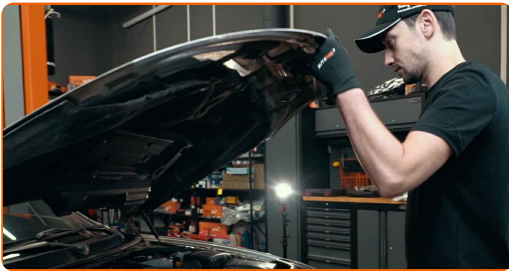
Replacement: strut mount – FORD MONDEO III (B5Y). Tip from AUTODOC:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- Please note: all work on the car – FORD MONDEO III (B5Y) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

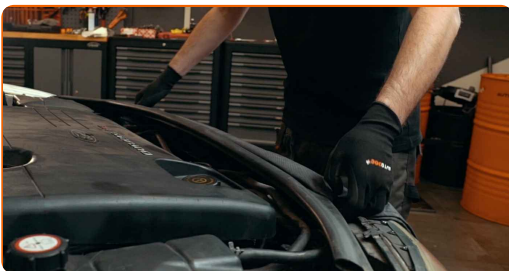
1

Open the bonnet.



2

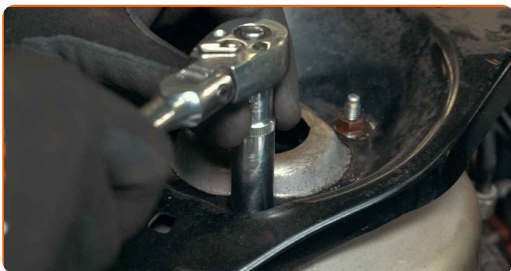
Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



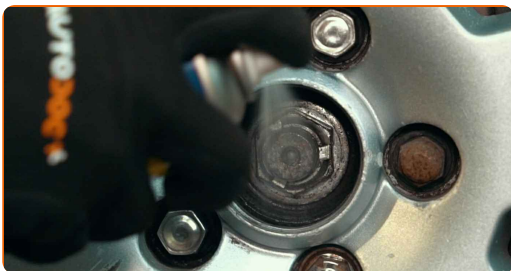
3 Clean the fasteners of the shock strut upper mount. Use a wire brush. Use WD-40 spray.



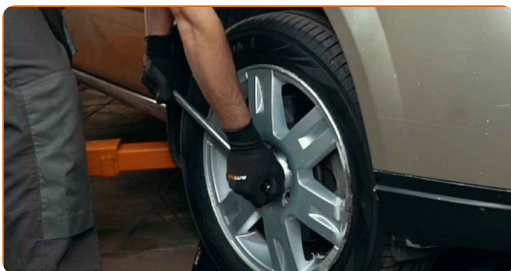
4 Loosen the upper fasteners of the suspension strut (3 pieces). Use a drive socket #13. Use a ratchet wrench.



5 Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.



6 Loosen the fastener of the driveshaft. Use a drive socket #32. Use a tap wrench.



7 Secure the wheels with chocks.

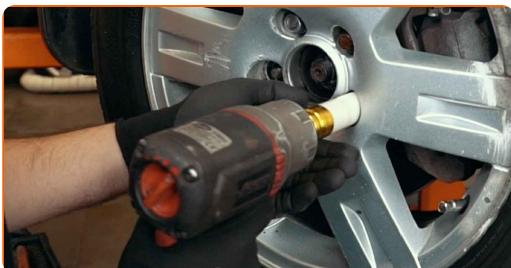
8 Loosen the wheel mounting bolts. Use wheel impact socket #19.



9 Raise the front of the car and secure on supports.



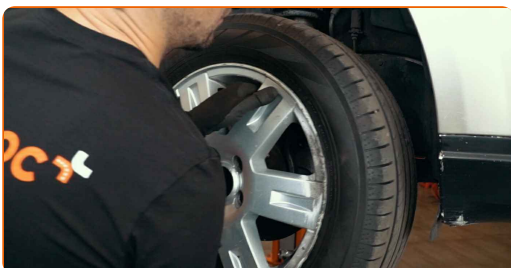
10 Unscrew the wheel bolts.



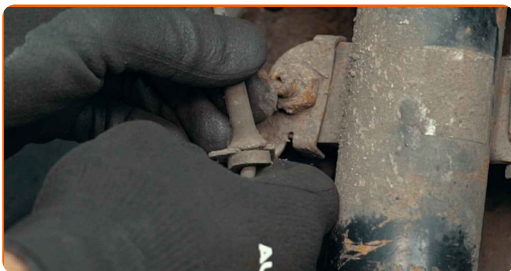
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
FORD MONDEO III (B5Y)

11 Remove the wheel.



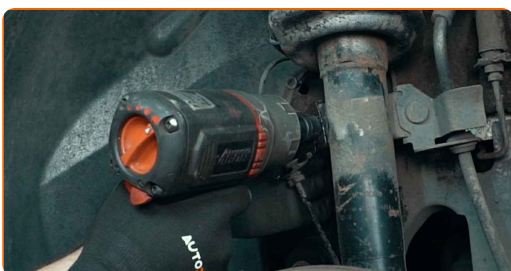
12 Disconnect the ABS sensor wiring.



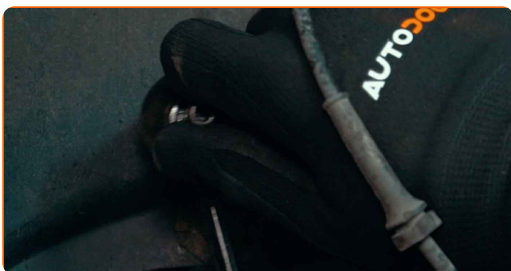
13 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



14 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a ratchet wrench.

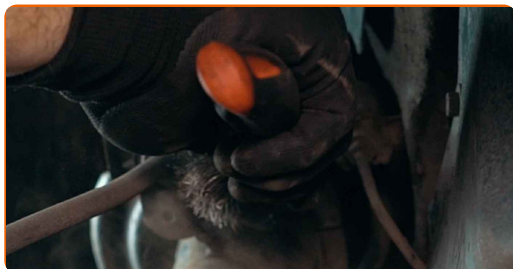


15 Remove the stabilizer rod.



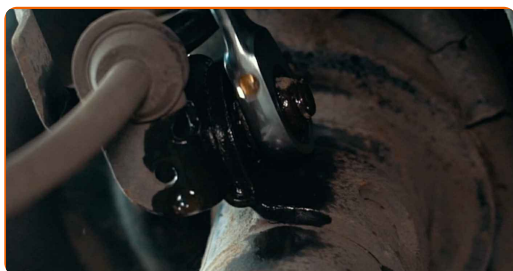
16

Clean the fasteners connecting the brake hose to the shock strut. Use a wire brush. Use WD-40 spray.



17

Unscrew the brake hose fastening bracket from the shock strut. Use a combination spanner #15.



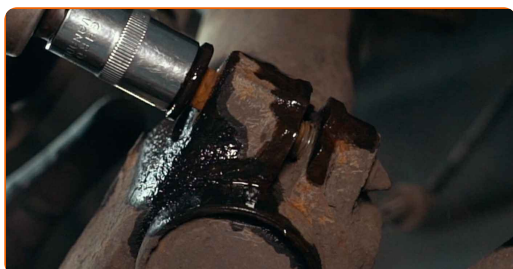
18

Clean the lower fastener connecting the suspension strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



19

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench. Use a tap wrench.



20 Remove the fastening bolt.



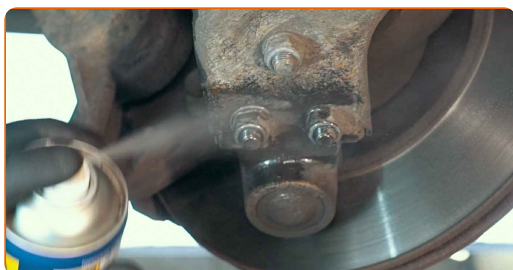
21 Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #32. Use a ratchet wrench.



22 Remove the fastening nut.



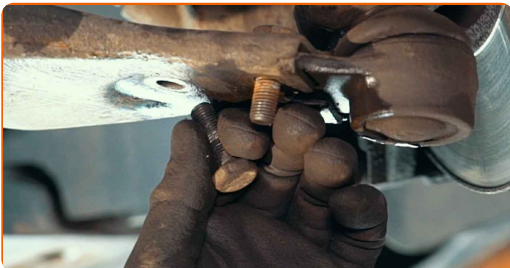
23 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



- 24** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



- 25** Remove the fastening bolts.



- 26** Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.



Replacement: strut mount – FORD MONDEO III (B5Y). Professionals recommend:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

27 Disconnect the spherical joint from the arm.



28 Prop up the steering knuckle. Use a hydraulic transmission jack.



29 Release the lower fastener connecting the shock strut to the steering knuckle. Use a special drive socket to remove the shock absorber. Use a ratchet wrench.



30 Disconnect the steering knuckle from the shock absorber strut.



31 Unscrew the upper fasteners of the shock strut (3 pieces).



AUTODOC recommends:

- FORD MONDEO III (B5Y) – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

32

Remove the suspension strut.



33

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – FORD MONDEO III (B5Y). AUTODOC recommends:

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

34 Compress the spring.



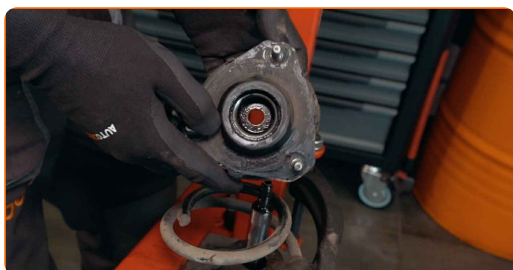
35 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



36 Unscrew the strut piston rod nut. Use a drive socket #19. Use HEX No.H6. Use a ratchet wrench.



37 Remove the top strut mount.



Replacement: strut mount – FORD MONDEO III (B5Y). Tip from AUTODOC:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

38 Install a new strut mount.



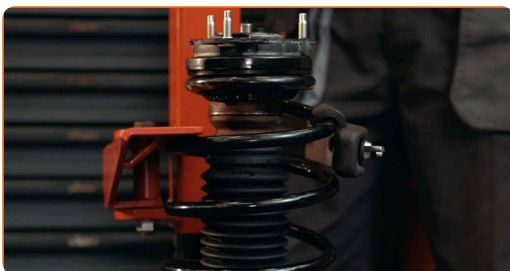
39 Tighten the shock strut piston rod nut. Use a drive socket #19. Use HEX No.H6. Use a torque wrench. Tighten it to 55 Nm torque.



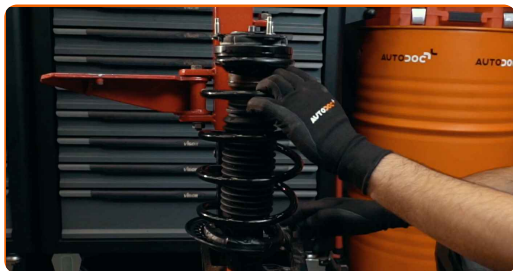
Replacement: strut mount – FORD MONDEO III (B5Y). Tip from AUTODOC experts:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

40 Decompress the spring.



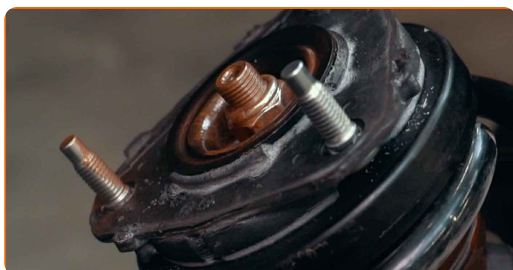
41 Remove the assembled shock strut.



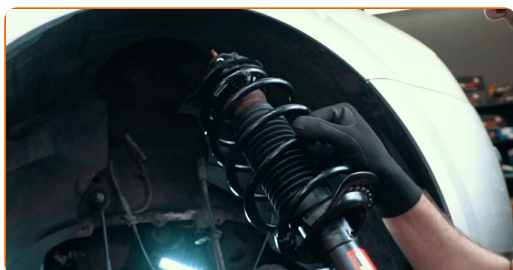
42 Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



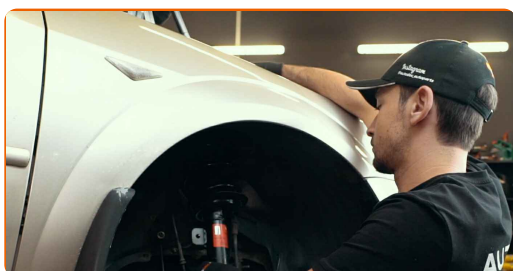
43 Treat the shock strut rod. Use copper grease.



44 Install the shock strut into the wheel arch.



45 Secure the upper fasteners of the shock strut (3 pieces). Do not tighten it.

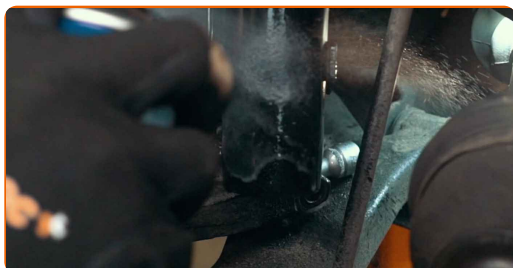


AUTODOC recommends:

- FORD MONDEO III (B5Y) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

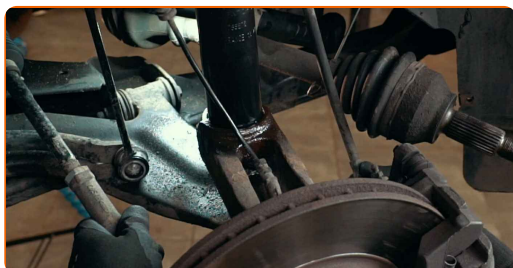
46

Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.



47

Fix the shock absorber strut on the steering knuckle.

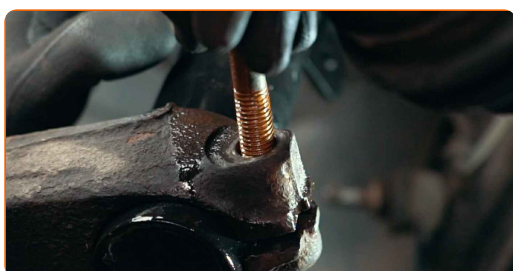


48

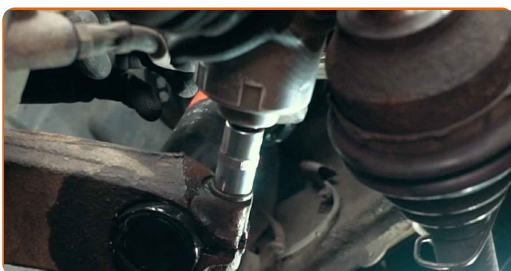
Raise the hydraulic transmission jack by 10-15 cm.

49

Install the fastening bolt.



- 50 Screw in the fastener that connects the shock strut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.

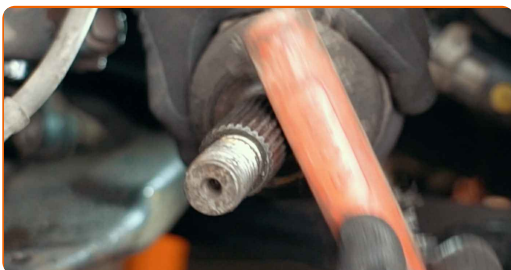


- 51 Remove the support from under the steering knuckle.

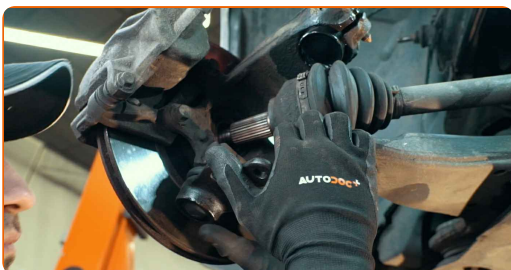
AUTODOC recommends:

- Replacement: strut mount – FORD MONDEO III (B5Y). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 52 Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



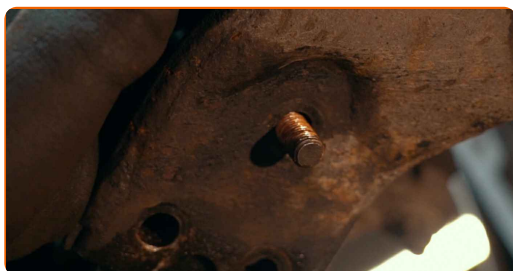
- 53 Install the drive shaft.



54 Attach the ball joint to the control arm.



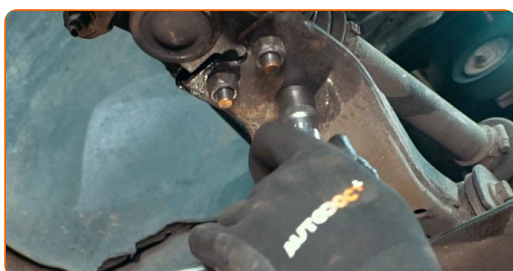
55 Install the fastening bolts.



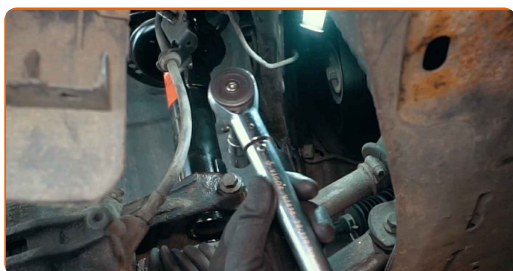
56 Screw in the fastener connecting the ball joint to the control arm. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



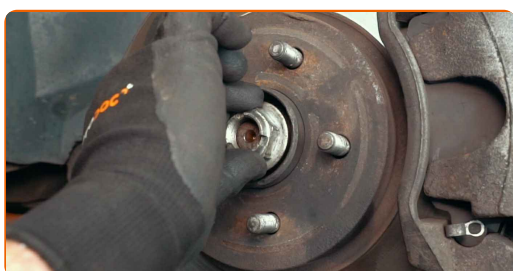
57 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #17. Use a torque wrench. Tighten it to 48 Nm torque.



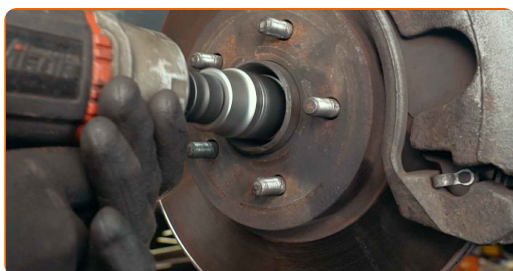
- 58 Tighten the lower fastening of the shock absorber. Use a drive socket #15. Use a torque wrench. Tighten it to 83 Nm torque.



- 59 Install the fastening nut.



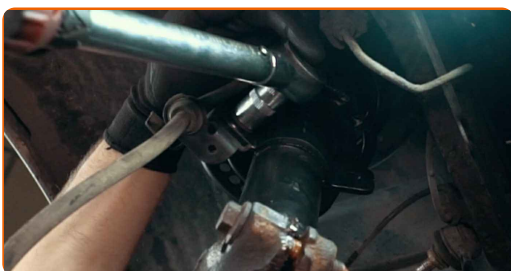
- 60 Screw the nut of the drive shaft. Use a drive socket #32. Use a ratchet wrench.



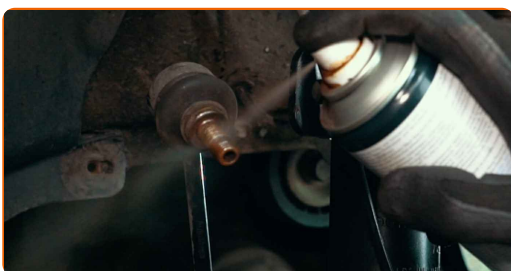
- 61 Clean the brake hose bracket fasteners. Use a wire brush. Use WD-40 spray.



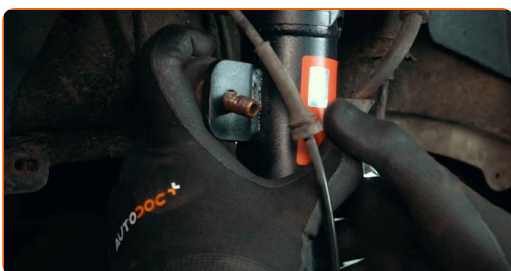
- 62 Tighten the brake hose fastening bracket to the shock strut. Use a combination spanner #15. Use a drive socket #15. Use a torque wrench. Tighten it to 32 Nm torque.



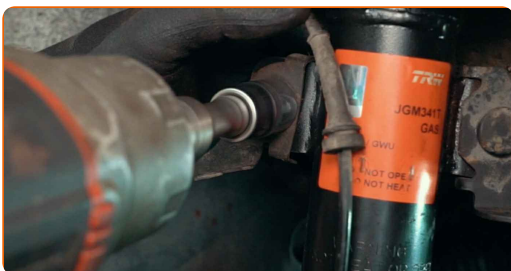
- 63 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



- 64 Install the transverse stabilizer link.



- 65 Tighten the stabiliser link fastener. Use a drive socket #17. Use a ratchet wrench.



- 66 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a torque wrench. Tighten it to 48 Nm torque.



- 67 Connect the ABS sensor wiring.



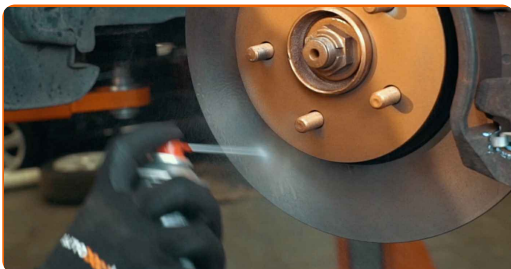
- 68 Treat the shock strut fasteners. Treat the steering knuckle fasteners. Use copper grease.



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



70 Clean the brake disk surface. Use all-purpose cleaning spray.



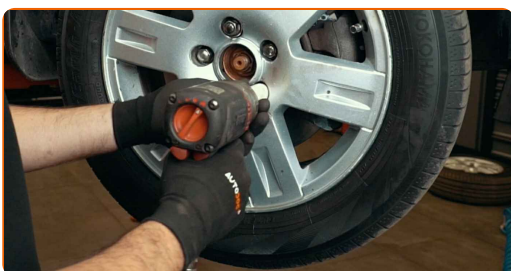
71 Install the wheel.



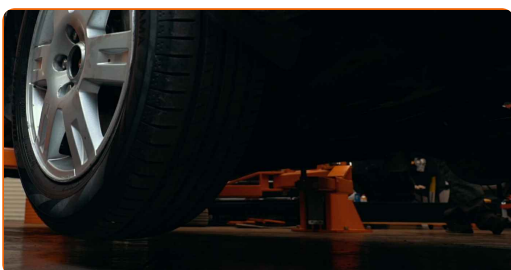
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FORD MONDEO III (B5Y)

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



73 Lower the car.



74

Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 290 Nm torque.



75

Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



76

Remove the jacks and chocks.



77

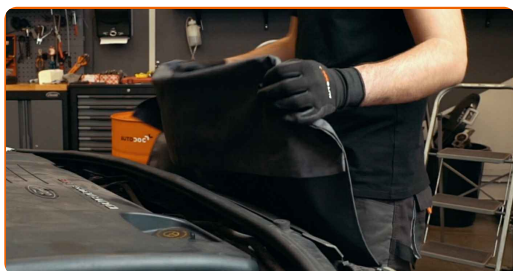
Tighten the upper fasteners of the shock strut (3 pieces). Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



78 Treat the fasteners of the shock strut mount. Use copper grease.



79 Remove the fender protection cover.



80 Close the hood.



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

STRUT MOUNT: 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.