



How to change front  
strut mount on **Ford**  
**Mondeo BWY** –  
replacement guide

## VIDEO TUTORIAL



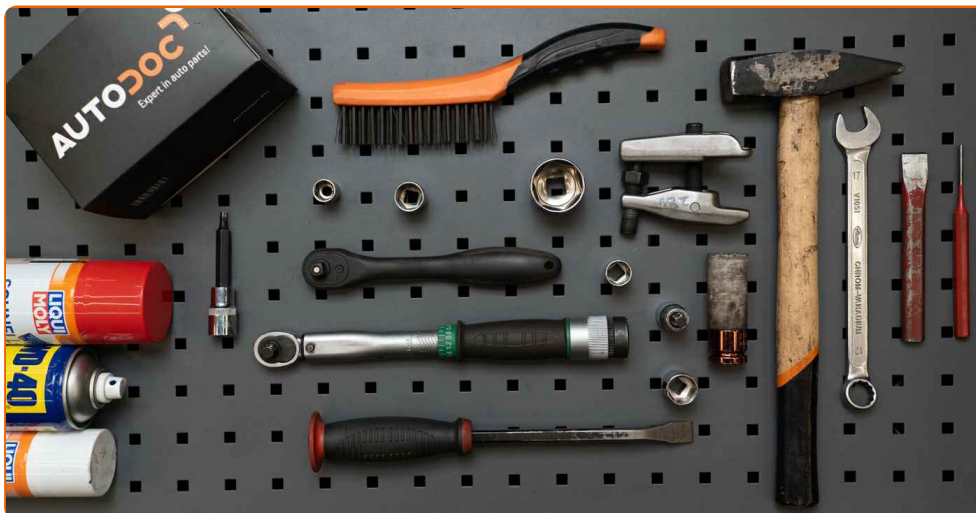
### Important!

This replacement procedure can be used for:

FORD MONDEO II (BAP) 1.6 i, FORD MONDEO II (BAP) 1.8 i, FORD MONDEO II (BAP) 2.0 i, FORD MONDEO II (BAP) 2.5 24V, FORD MONDEO II (BAP) 1.8 TD, FORD MONDEO II Saloon (BFP) 1.6 i, FORD MONDEO II Saloon (BFP) 1.8 i, FORD MONDEO II Saloon (BFP) 2.0 i, FORD MONDEO II Saloon (BFP) 2.5 24V, FORD MONDEO II Saloon (BFP) 1.8 TD, FORD MONDEO II Estate (BNP) 1.6 i, FORD MONDEO II Estate (BNP) 1.8 i, FORD MONDEO II Estate (BNP) 2.0 i, FORD MONDEO II Estate (BNP) 2.5 24V, FORD MONDEO II Estate (BNP) 1.8 TD, (+ 42)

The steps may slightly vary depending on the car design.

**REPLACEMENT: STRUT MOUNT – FORD MONDEO BWY.  
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #18
- Drive socket # 13
- Drive socket # 15
- Drive socket # 18
- Drive socket # 32
- HEX bit no.H5.
- HEX bit no.H6.
- Torx bit T55
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Flat Screwdriver
- Pin punch
- Flat chisel
- Hammer
- Ball joint puller
- Crow bar
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

**BUY TOOLS**

**Replacement: strut mount – Ford Mondeo BWY. Professionals recommend:**

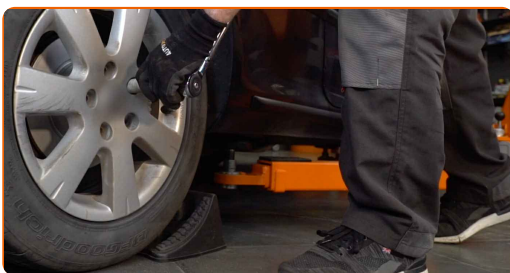
- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- Please note: all work on the car – Ford Mondeo BWY – should be done with the engine switched off.

**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.



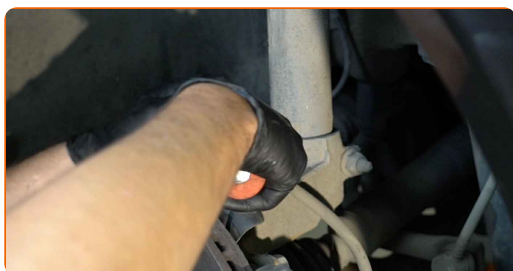
Replacement: strut mount – Ford Mondeo BWY. AUTODOC experts recommend:

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

**5** Remove the wheel.



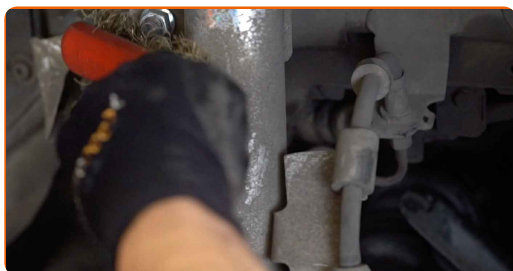
**6** Detach the ABS sensor connector. Use a flat screwdriver.



**7** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.

8

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



9

Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use HEX No.H5. Use a ratchet wrench.



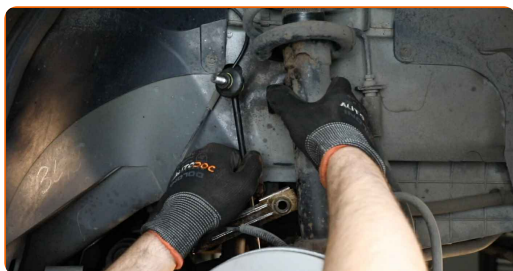
10

Remove the bracket from the shock absorber strut.



11

Remove the stabilizer rod.



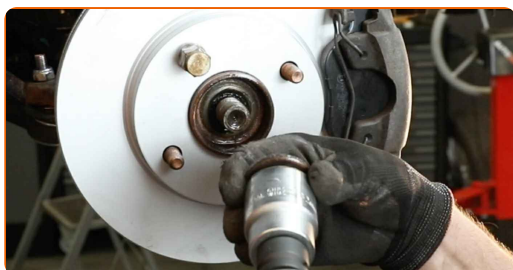
**12** Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.



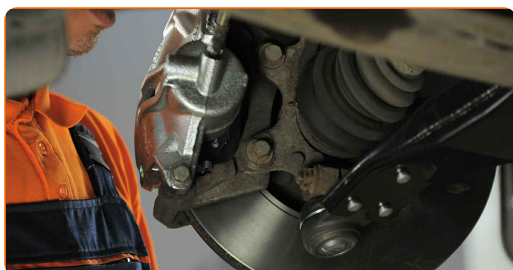
**13** Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #32. Use a tap wrench.



**14** Remove the fastening nut.



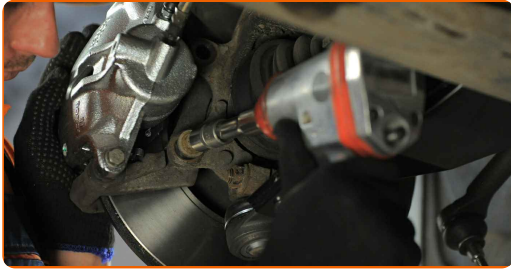
**15** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.





**16**

Unscrew the caliper bracket fastening. Use a drive socket #15. Use a ratchet wrench.



**17**

Remove the fastening bolts (2 pieces).

**18**

Remove the brake caliper together with its bracket.

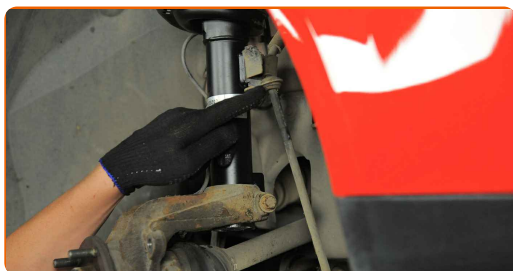


**Replacement: strut mount – Ford Mondeo BWY. AUTODOC recommends:**

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.



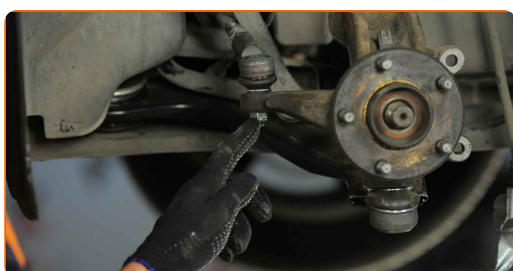
**19** Detach the brake hose from the shock strut. Use a flat screwdriver.



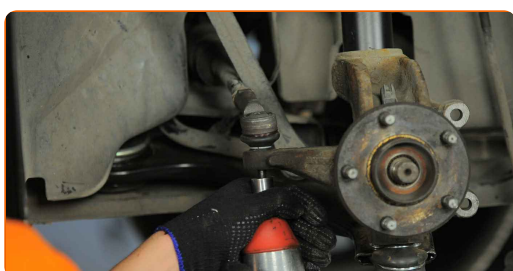
**20** Remove the brake disc.



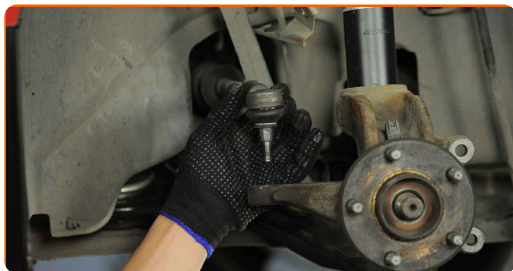
**21** Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



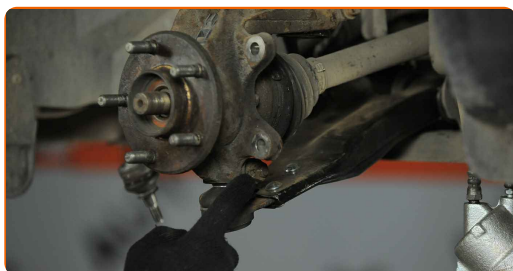
**22** Unscrew the end fastening nut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



**23** Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



**24** Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



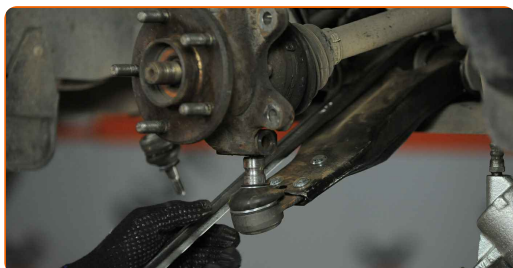
**25** Unscrew the ball joint fastening to the steering knuckle. Use Torx T55. Use a drive socket #18. Use a ratchet wrench.



**26** Remove the fastening bolt.

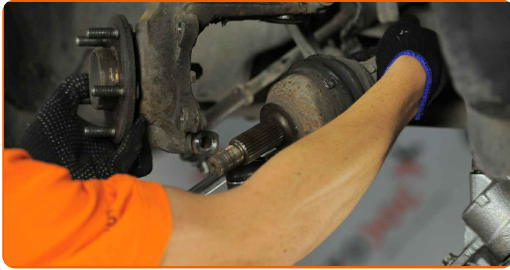
**27** Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.

**28** Disconnect the ball joint from the steering knuckle. Use a crowbar. Use a hammer.



29

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



Replacement: strut mount – Ford Mondeo BWY. Tip from AUTODOC:

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

30

Lower the car.

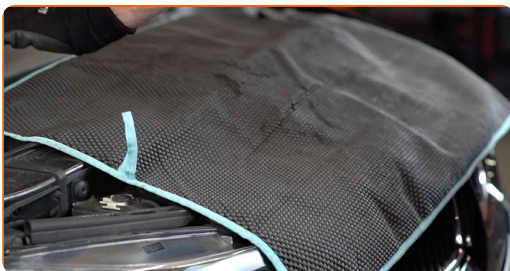


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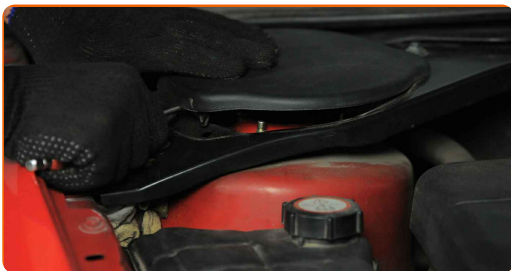
Open the bonnet.

32

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



**33** Remove the protective cap of the shock absorber mount. Use a flat screwdriver.



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

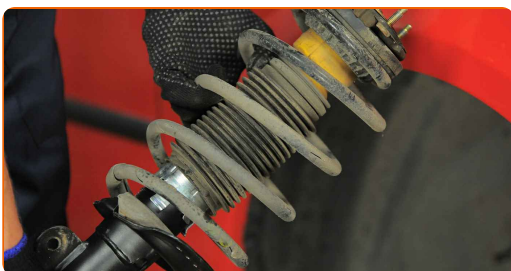
**35** Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.



**Replacement: strut mount – Ford Mondeo BWY. Tip:**

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

**36** Remove the suspension strut.



**37**

Set the shock absorber strut on the spring compressor tool.



**AUTODOC recommends:**

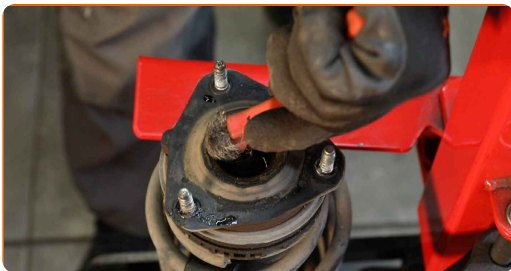
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

**38**

Compress the spring.

**39**

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



**40**

Remove the strut piston rod nut. Use a combination spanner #18. Use HEX No.H6. Use a ratchet wrench.



41

Remove the shock absorber mount, boot and bump stop. Use a flat screwdriver.

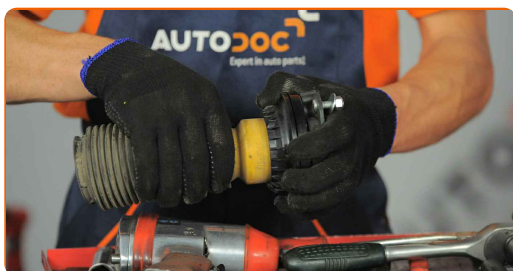


**Replacement: strut mount – Ford Mondeo BWY. Tip:**

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

42

Install the new mount, boot, and bump stop on the shock absorber. Use a flat screwdriver. Use HEX No.H6.



43

Tighten the shock strut piston rod nut. Use a combination spanner #18. Use HEX No.H6. Use a torque wrench. Tighten it to 58 Nm torque.





Replacement: strut mount – Ford Mondeo BWY. Professionals recommend:

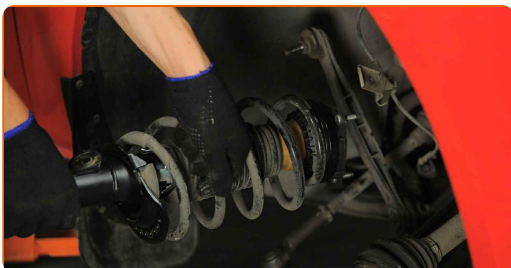
- Check to make sure the spring is positioned correctly. Avoid its misalignment.

**44** Decompress the spring.

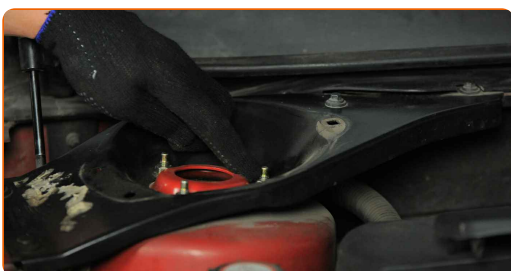
**45** Remove the assembled shock strut.



**46** Install the shock strut into the wheel arch.



**47** Screw the top fastening of the shock strut mount.

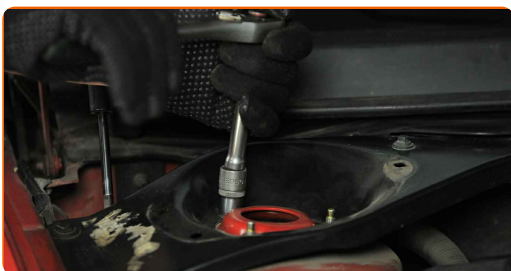




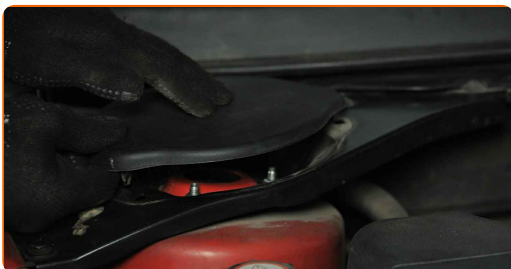
**AUTODOC recommends:**

- Important! Hold the suspension strut while screwing in the fastening bolts. Ford Mondeo BWY

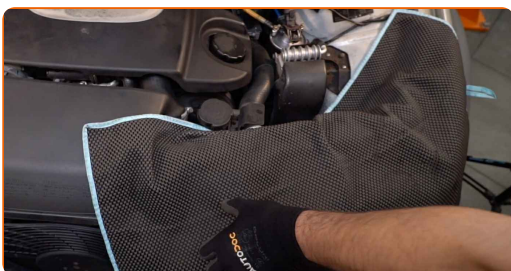
**48** Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



**49** Install the protective shock absorber mounting cap.



**50** Remove the fender protection cover.



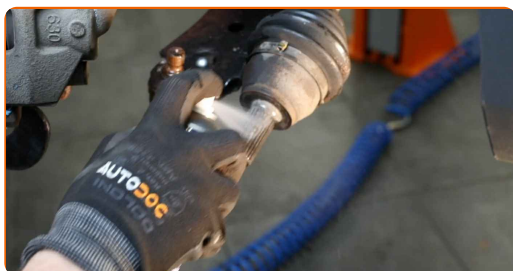
**51** Close the hood.

**52**

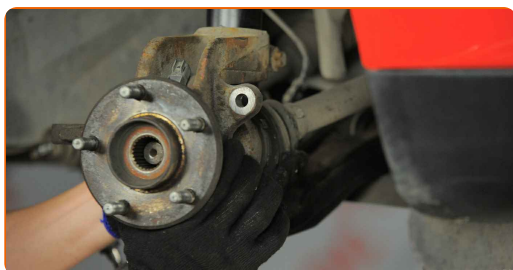
Raise the front of the car and secure on supports.

**53**

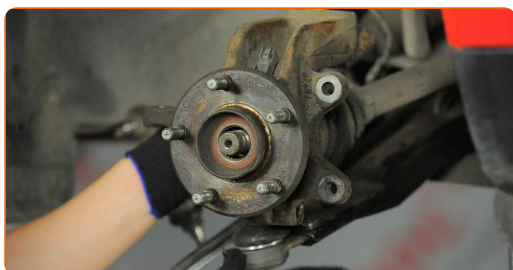
Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.

**54**

Mount the drive shaft into the wheel hub.

**55**

Connect the ball joint to the steering knuckle.

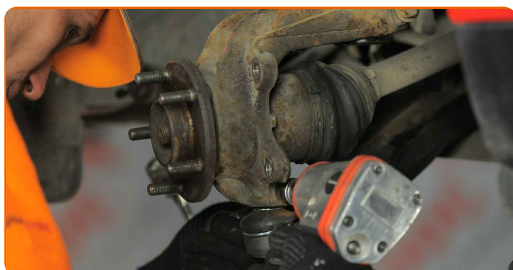
**56**

Treat the fastening bolt. Use WD-40 spray.



**57** Install the fastening bolt. Use a hammer.

**58** Tighten the ball joint fastener. Use Torx T55. Use a drive socket #18. Use a torque wrench. Tighten it to 83 Nm torque.

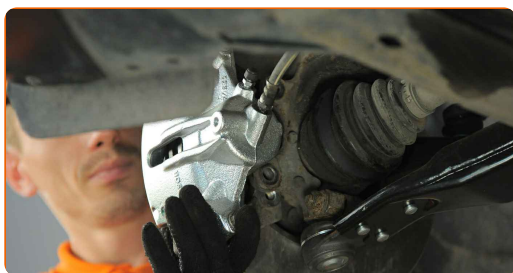


**59** Install the brake disc.



**60** Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.

**61** Install the brake caliper together with its bracket.



**62** Install the fastening bolts (2 pieces).

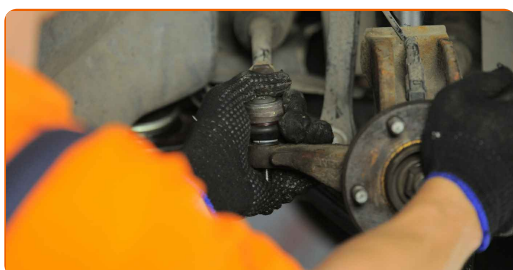
**63** Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 75 Nm torque.



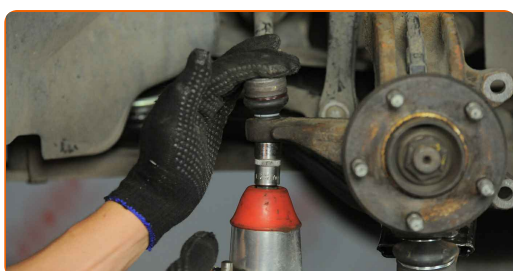
**64** Fasten the brake hose on the strut.



**65** Connect the tie rod end to the steering knuckle.



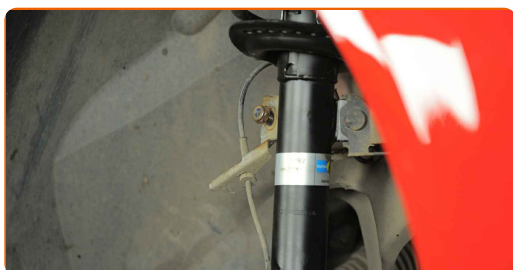
**66** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #15. Use a torque wrench. Tighten it to 40 nm torque.



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

**68** Install the transverse stabilizer link.

**69** Install the bracket onto the shock absorber strut.



- 70 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use HEX No.H5. Use a torque wrench. Tighten it to 48 Nm torque.



- 71 Attach the ABS sensor connector.

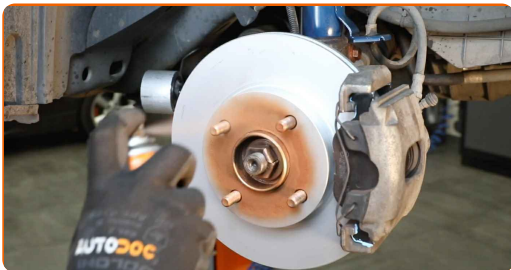
- 72 Install the fastening nut.



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



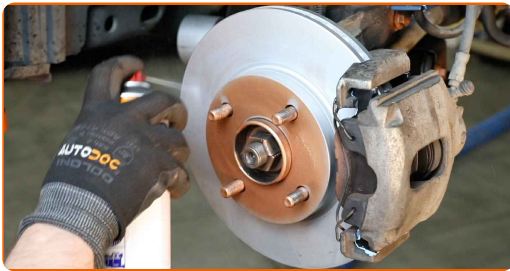
- 74 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.





**75**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – Ford Mondeo BWY. After applying the spray, wait a few minutes.

**76**

Install the wheel.



**Replacement: strut mount – Ford Mondeo BWY. AUTODOC experts recommend:**

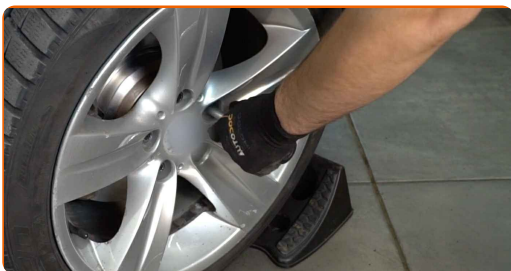
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

**77**

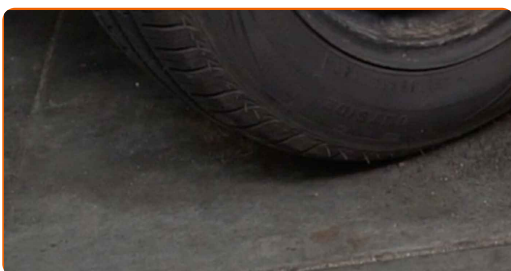
Screw in the wheel bolts. Use wheel impact socket #19.



- 78** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 nm torque.



- 79** Remove the jacks and chocks.



**WELL DONE!** 

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