



How to change front  
strut mount on **FORD C-**  
**MAX (DM2)** –  
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 C-MAX (DM2) 1.8, FORD C-MAX (DM2) 2.0 TDCi, FORD C-MAX (DM2) 1.6 TDCi, FORD C-MAX (DM2) 1.6, FORD C-MAX (DM2) 1.8 Flexifuel, FORD C-MAX (DM2) 2.0, FORD C-MAX (DM2) 1.8 TDCi, FORD C-MAX (DM2) 2.0 CNG, FORD C-MAX (DM2) 2.0 LPG

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 Focus II Estate (DA\_, FFS, DS) 1.4

REPLACEMENT: STRUT MOUNT – FORD C-MAX (DM2).  
TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 13
- Drive socket # 15
- Drive socket # 18
- Torx bit T40
- Torx bit T30
- Shock absorber socket
- Wheel impact socket #19
- Combination spanner #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Flat chisel
- Crow bar
- Hydraulic transmission jack
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

**Buy tools**

**Replacement: strut mount – FORD C-MAX (DM2). AUTODOC recommends:**

- 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.
- Be sure to replace all self-locking nuts and bolts during installation.
- All work should be done with the engine stopped.

**REPLACEMENT: STRUT MOUNT – FORD C-MAX (DM2).  
RECOMMENDED SEQUENCE OF STEPS:****1**

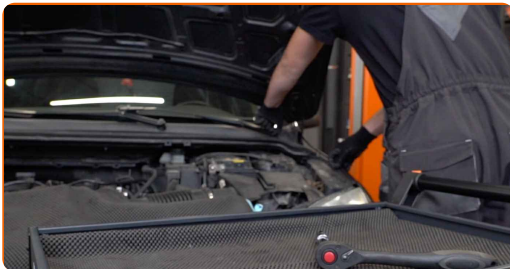
Open the bonnet.

**2**

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

**3**

Remove the windscreen wiper arm nut covers.



4

Unscrew the fasteners of the windscreen wiper arms. Use a drive socket #15. Use a ratchet wrench.



5

Clean the pivots of the windscreen wiper arms. Use WD-40 spray.



6

Remove the wiper arms.



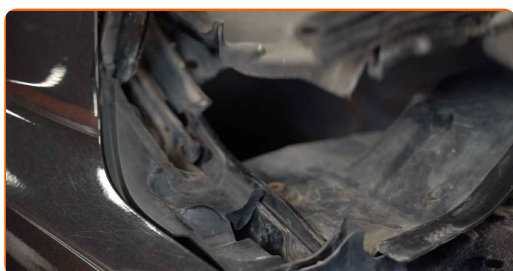
7

Remove the clips of the plastic cowl grille. Use a crowbar.



8

Raise the wiper plastic cowl grille.



9

Unscrew the fastener of the lower wiper plastic cowl grille. Use Torx T30. Use a ratchet wrench.



10

Remove the lower wiper plastic cowl grille.



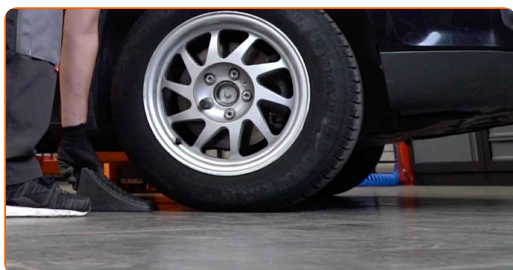
11

Loosen the upper fastener of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.



12

Secure the wheels with chocks.

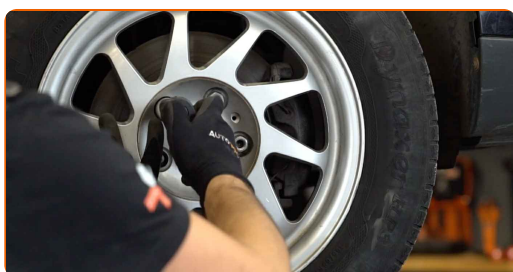


**13** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**14** Raise the front of the car and secure on supports.

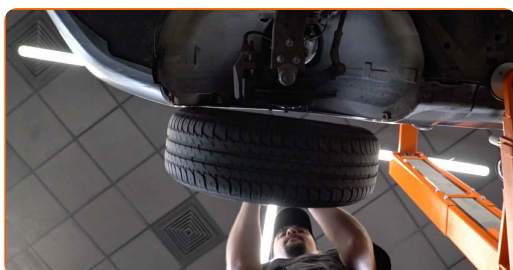
**15** Unscrew the wheel bolts.



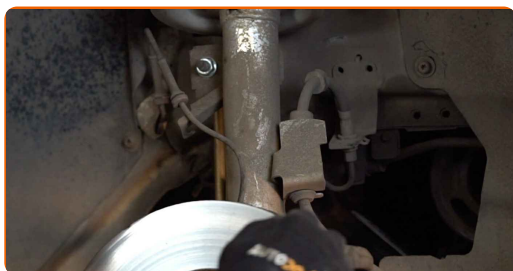
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD C-MAX (DM2)

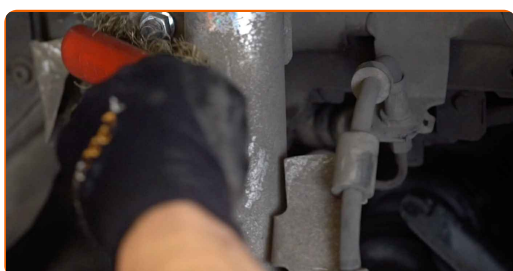
**16** Remove the wheel.



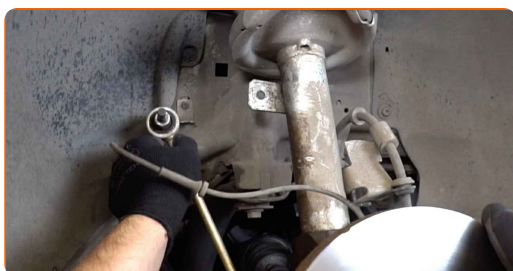
**17** Disconnect the wiring and the brake hose from the bracket on the shock strut.



**18** Clean the fasteners connecting the stabiliser link to the shock strut, and those connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



**19** Unscrew the nut and remove the stabilizer rod from the shock strut. Use a drive socket #15. Use a ratchet wrench.

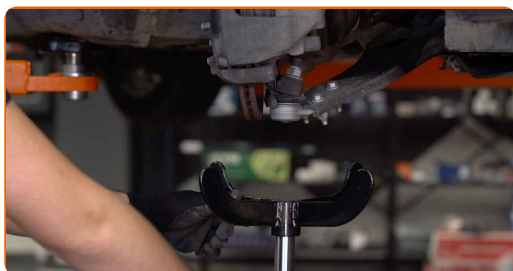


**20** Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a ratchet wrench. Use a tap wrench.





**21** Prop up the steering knuckle. Use a hydraulic transmission jack.



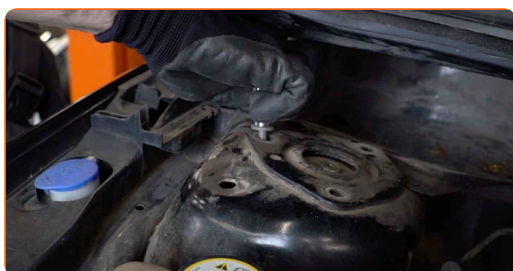
**22** Release the lower fastener connecting the shock strut to the steering knuckle. Use a special drive socket to remove the shock absorber. Use a hammer. Use a flat metal-working chisel.



**23** Disconnect the steering knuckle from the shock absorber strut. Use a crowbar.



**24** Unscrew the upper fastening of the shock absorber strut.



Replacement: strut mount – FORD C-MAX (DM2). AUTODOC experts recommend:

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

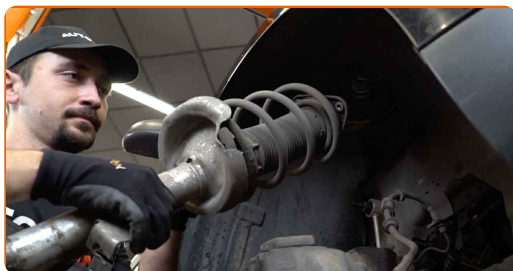
**25** Lower the hydraulic transmission jack by 10-15 cm.



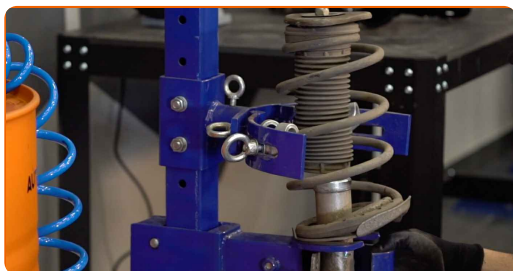
**AUTODOC recommends:**

- Replacement: strut mount – FORD C-MAX (DM2). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**26** Remove the suspension strut.



**27** Set the shock absorber strut on the spring compressor tool.

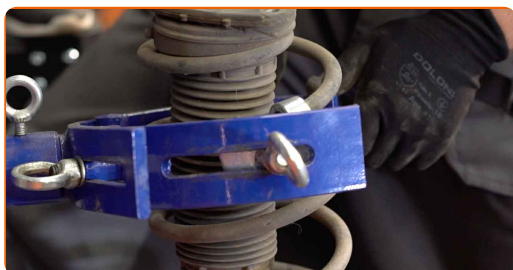


Replacement: strut mount – FORD C-MAX (DM2). Professionals recommend:

- 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.

28

Compress the spring.



29

Clean the shock absorber rod. Use WD-40 spray.

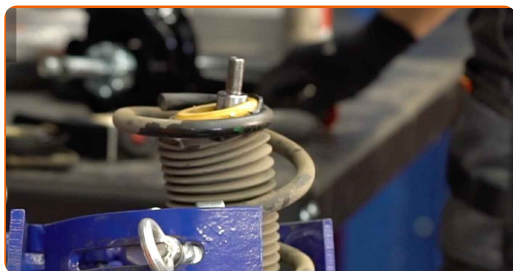
30

Remove the strut piston rod nut. Use Torx T40. Use a combination spanner #19. Use a ratchet wrench.



31

Remove the top strut mount. Use a crowbar.



**32** Release the coil spring.



**33** Install a new shock strut mount and tighten it.



**34** Compress the spring.

**35** Tighten the shock strut piston rod nut. Use Torx T30. Use a combination spanner #19. Use a torque wrench. Tighten it to 50 Nm torque.



Replacement: strut mount – FORD C-MAX (DM2). Tip from AUTODOC:

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

**36** Decompress the spring.



**37** Remove the assembled shock strut.



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



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



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



**AUTODOC recommends:**

- FORD C-MAX (DM2) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

**41**

Fix the shock absorber strut on the steering knuckle. Use a crowbar.



**42**

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



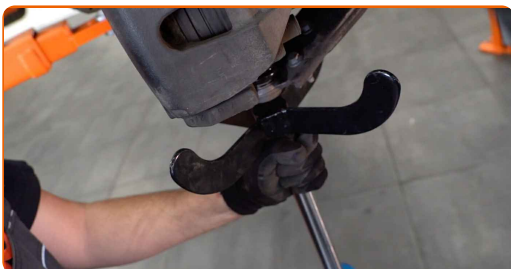
**43**

Install and tighten a new bolt of the steering knuckle. Use a drive socket #18. Use a ratchet wrench. Use a torque wrench. Tighten it to 90 Nm torque.



**44**

Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- FORD C-MAX (DM2) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**45**

Connect the fastener of the ABS sensor cable to the shock absorber strut. Fasten the brake hose on the strut.



**46**

Secure the stabilizer link on the suspension strut. Use a drive socket #15. Use a torque wrench. Tighten it to 48 Nm torque.



**47**

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



48

Install the wheel.



Replacement: strut mount – FORD C-MAX (DM2). AUTODOC experts recommend:

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

49

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



50

Tighten the shock strut top mount (3 pieces). Use a drive socket #13. Use a torque wrench. Tighten it to 32 Nm torque.

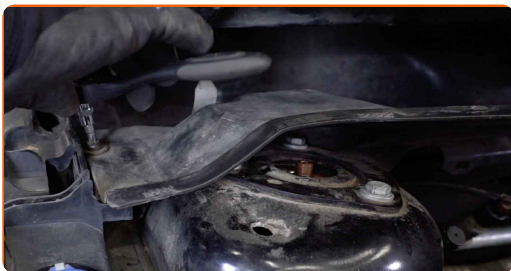


51

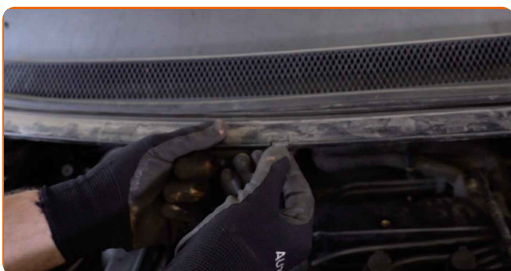
Clean the mounting seat of the cowl grille. Use WD-40 spray.



**52** Install and secure the cowl grille. Use Torx T30. Use a ratchet wrench.



**53** Install the fasteners of the wiper plastic cowl grille.



**54** Reinstall the wiper arms.



**55** Tighten the fasteners of the wiper arms. Use a drive socket #15. Use a torque wrench. Tighten it to 10 Nm torque.

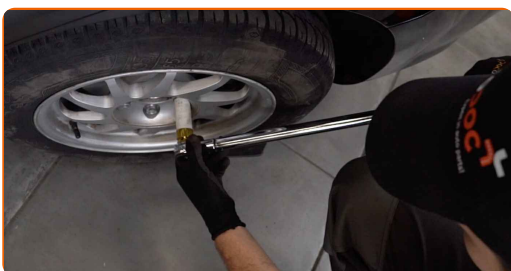


Replacement: strut mount – FORD C-MAX (DM2). Tip:

- Make sure not to mix up the wiper arms on the driver's and passenger's sides.

**56** Install the nut covers of the windscreen wiper arms.

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



**58** Remove the jacks and chocks.



**59** Remove the fender protection cover.

**60** Close the hood.

**WELL DONE!** 

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