



How to change front
lower arm 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 Mk2 Estate (DA_, FFS, DS) 1.4

REPLACEMENT: FRONT LOWER ARM – FORD C-MAX (DM2). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 15
- Drive socket # 18
- Combination spanner #22
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Ball joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

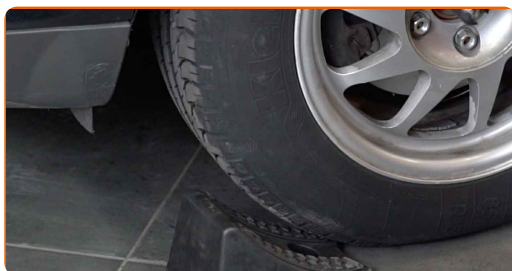
Replacement: front lower arm – FORD C-Max (DM2). AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- Replacement of the independent suspension lower arm in some cars requires a part of the outlet piping of the additional heater to be removed.
- Please note: all work on the car – FORD C-Max (DM2) – should be done with the engine switched off.

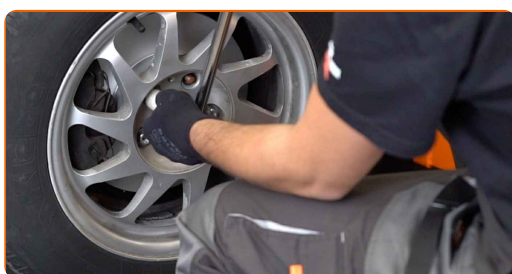
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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.

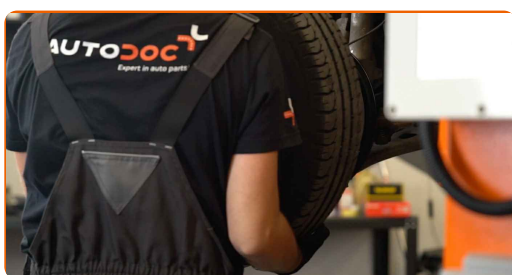
4 Unscrew the wheel bolts.



Replacement: front lower arm – FORD C-Max (DM2). Tip:

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

5 Remove the wheel.



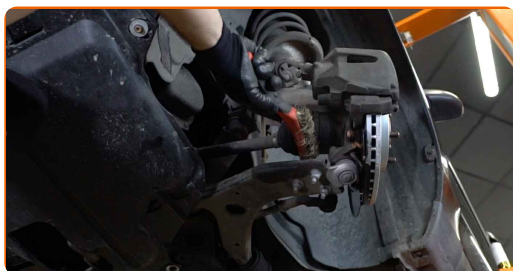
6 Remove the lower sound insulation.

Please note!

- Some cars are not equipped with the lower sound insulation.

7

Clean all joints of the arm. Use a wire brush. Treat all joints of the arm. Use WD-40 spray.



AUTODOC recommends:

- Replacement: front lower arm – FORD C-Max (DM2). After applying the spray, wait a few minutes.
- Wear protective goggles.

8

Unscrew the ball joint fastening nut. Use a combination spanner #22.



9

Unscrew the fastening nut, remove the control arm from the steering knuckle, using a ball joint puller.



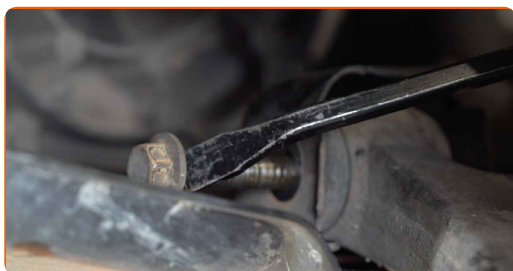
10

Unscrew the front arm fastener. Use a drive socket #18. Use a ratchet wrench.



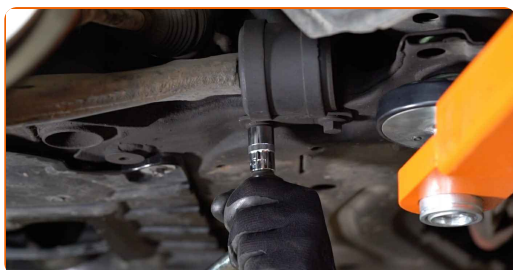
11

Remove the front fastener of the control arm. Use a crowbar. Use a hammer.



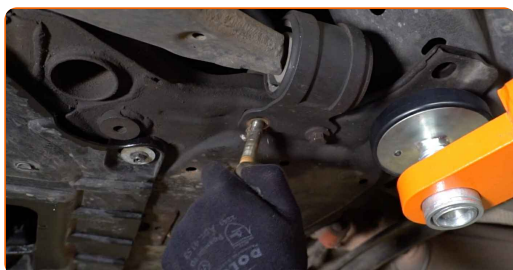
12

Unscrew the rear arm fastener. Use a drive socket #15. Use a ratchet wrench.

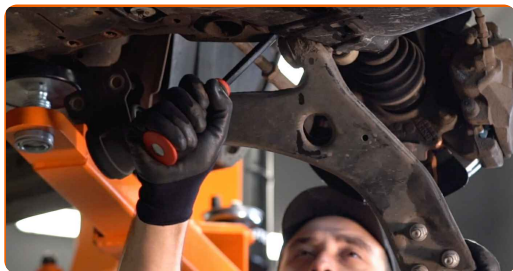


13

Remove the rear fastener of the control arm.



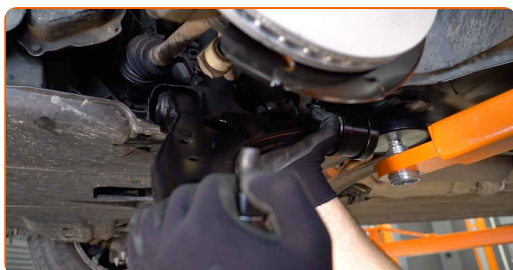
- 14 Remove the arm. Use a crowbar.



- 15 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



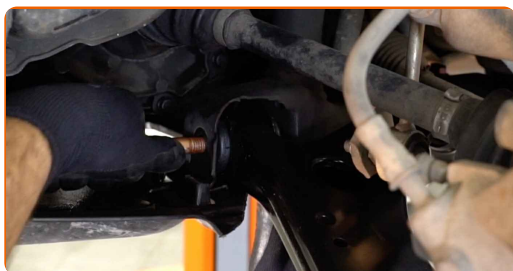
- 16 Install a new arm.



Replacement: front lower arm – FORD C-Max (DM2). AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

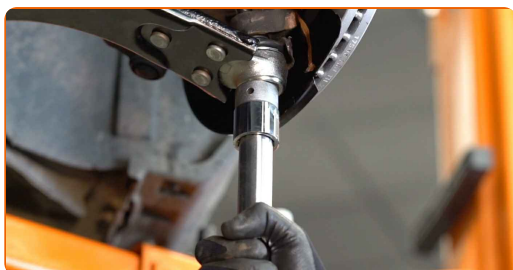
- 17 Install the front fastener of the arm. Do not tighten it.



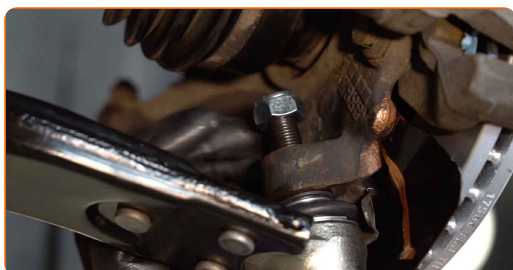
- 18 Connect the ball joint to the steering knuckle.



- 19 Support the arm. Use a hydraulic transmission jack.



- 20 Install the fastening nut of the ball joint.



- 21 Install the rear fastener of the arm.

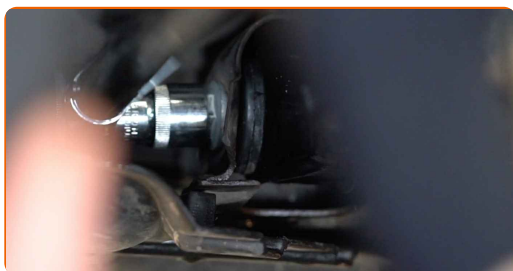
22

Screw the rear arm fastener. Use a drive socket #15. Use a ratchet wrench.



23

Screw the front arm fastener. Use a drive socket #18. Use a torque wrench. Tighten it to 175 nm torque.



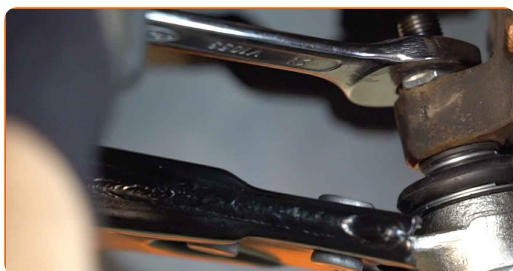
24

Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 115 nm torque.



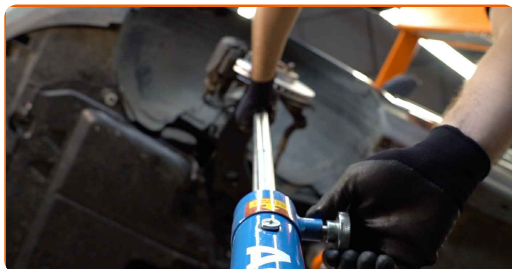
25

Tighten the ball joint fastening nut. Use a combination spanner #22. Use a torque wrench. Tighten it to 70 nm torque.



26

Remove the support from under the arm.

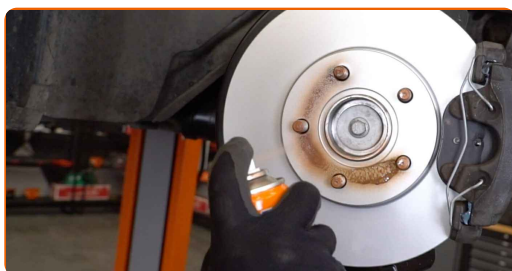


AUTODOC recommends:

- Replacement: front lower arm – FORD C-Max (DM2). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

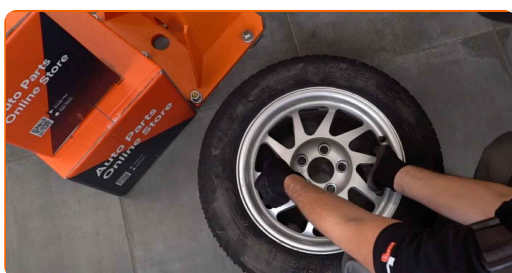
27

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



28

Install the wheel.



Replacement: front lower arm – FORD C-Max (DM2). Tip from AUTODOC experts:

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

29

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



30

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



31

Remove the jacks and chocks.



WELL DONE! 👍

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