



How to change front  
lower arm on **FORD KA+**  
**Hatchback (UK, FK)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

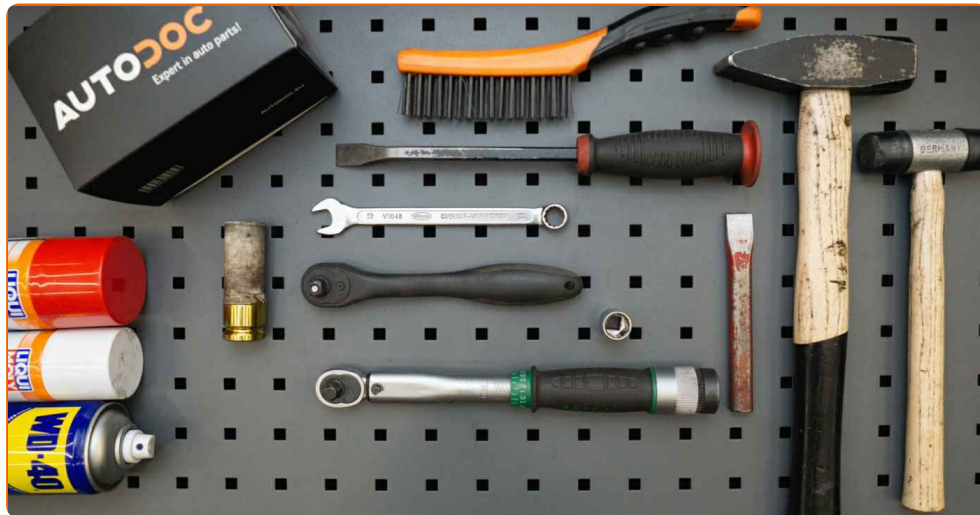
This replacement procedure can be used for:

FORD KA+ Hatchback (UK, FK) 1.2, FORD KA+ Hatchback (UK, FK) 1.5, FORD KA+ Hatchback (UK, FK) 1.5 TDCi

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 Fiesta Mk6 Hatchback (JA8, JR8) 1.6 TDCi

REPLACEMENT: FRONT LOWER ARM – FORD KA+ HATCHBACK (UK, FK). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Flat chisel
- Hammer
- Rubber mallet
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

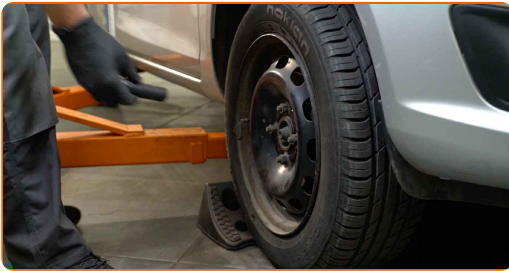
Replacement: front lower arm – FORD KA+ Hatchback (UK, FK). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Warning! Shut down the engine before starting any work – FORD KA+ Hatchback (UK, FK).

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.



2

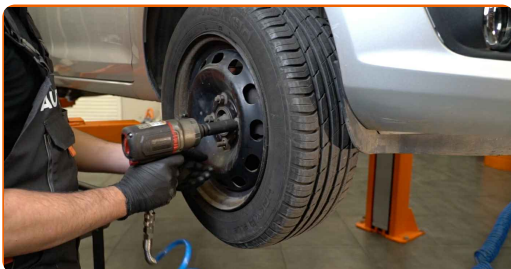
Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.

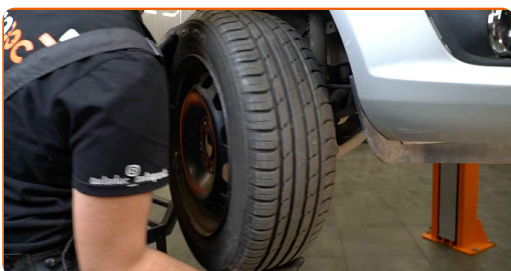
**4** Unscrew the wheel bolts.



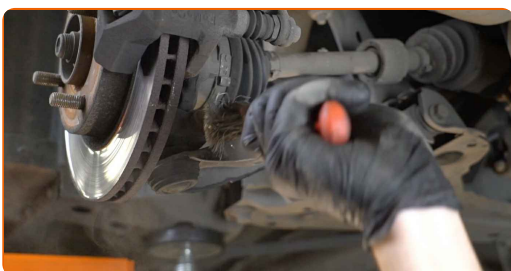
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
FORD KA+ Hatchback (UK, FK)

**5** Remove the wheel.



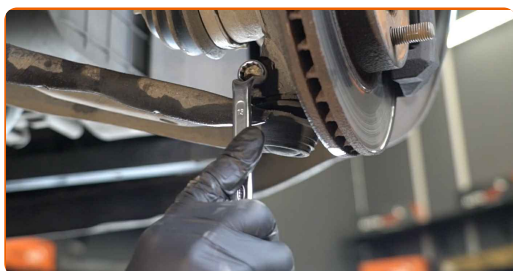
**6** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



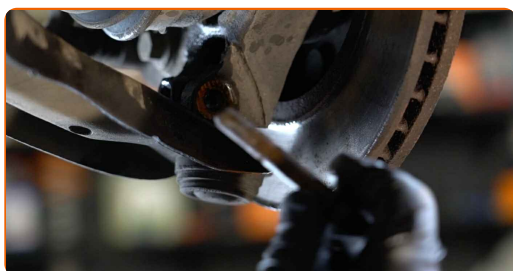
**Replacement: front lower arm – FORD KA+ Hatchback (UK, FK). Tip:**

- After applying the spray, wait a few minutes.

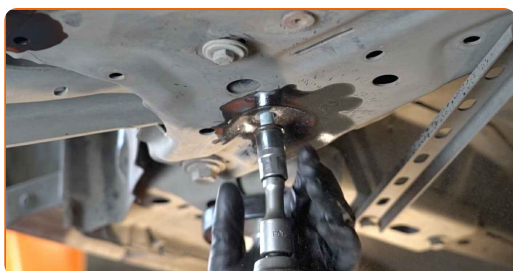
- 7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #13. Use a drive socket #15. Use a tap wrench.



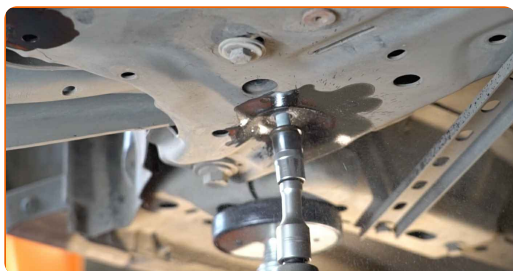
- 8 Remove the fastening bolt.



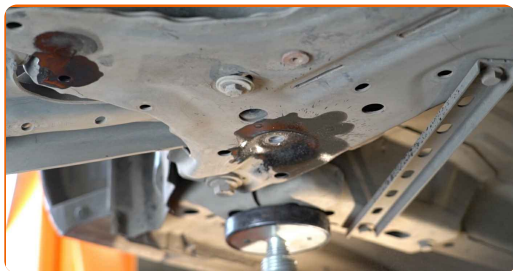
- 9 Unscrew the front arm fastener. Use a drive socket #15. Use a tap wrench.



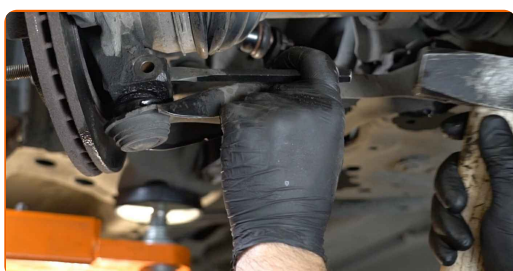
- 10 Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #13. Use a tap wrench.



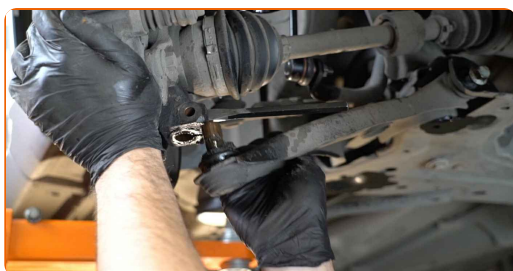
**11** Remove the rear fastener of the control arm.



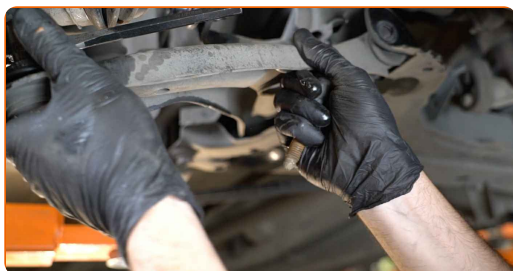
**12** Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



**13** Disconnect the ball joint from the steering knuckle.



**14** Remove the front fastener of the control arm.

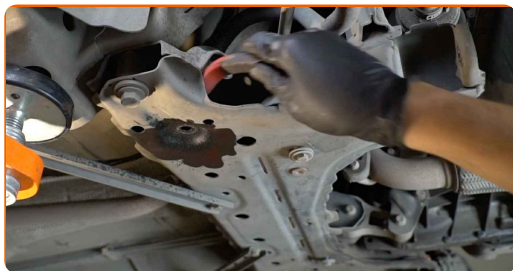


**15** Remove the arm.



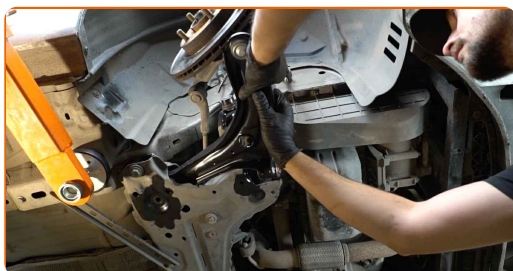
16

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



17

Install a new arm. Use a rubber mallet.

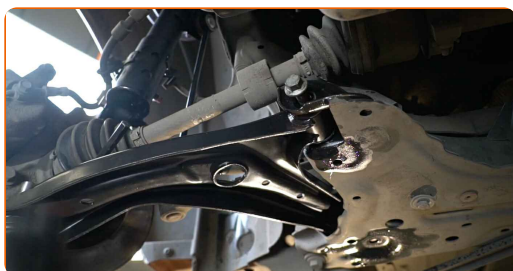


Replacement: front lower arm – FORD KA+ Hatchback (UK, FK). AUTODOC recommends:

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

18

Install the control arm fasteners.



19

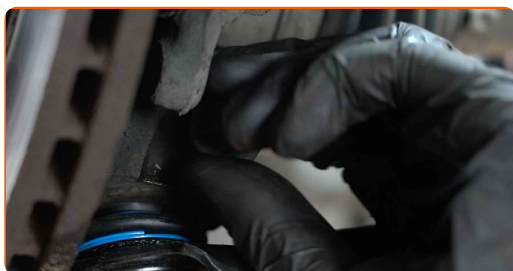
Connect the ball joint to the steering knuckle.



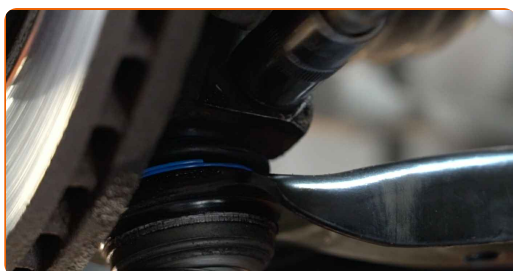
**20** Support the arm. Use a hydraulic transmission jack.



**21** Install the fastening bolt.



**22** Screw the fasteners of the ball joint. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



**23** Screw the front arm fastener. Use a drive socket #15. Use a ratchet wrench.



- 24** Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #15. Use a ratchet wrench.



- 25** Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 65 Nm torque.+180°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 26** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 65 Nm torque.+180°

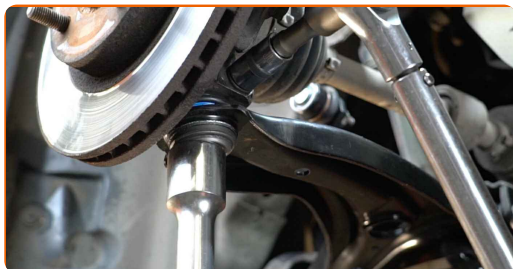


AUTODOC recommends:

- Important! Be sure to use new fasteners.

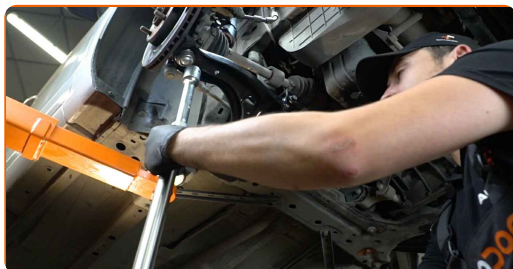
27

Tighten the ball joint fastener. Use a drive socket #15. Use a torque wrench. Tighten it to 50 nm torque.



28

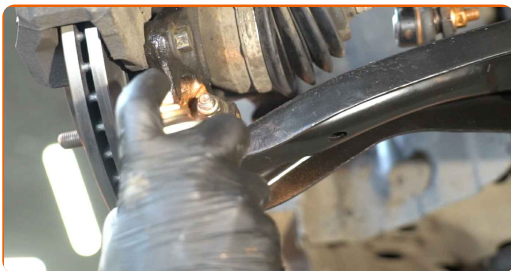
Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – FORD KA+ Hatchback (UK, FK). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**29** Treat all joints of the arm. Use copper grease.



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



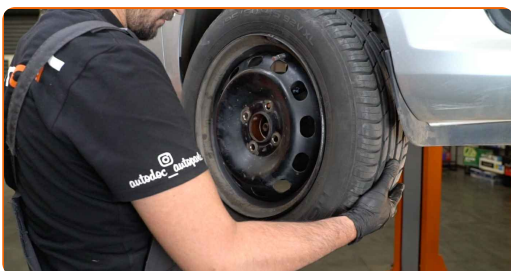
**31** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**32** Install the wheel.

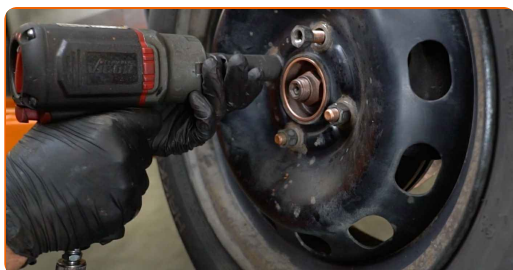


Replacement: front lower arm – FORD KA+ Hatchback (UK, FK). Tip from AUTODOC:

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

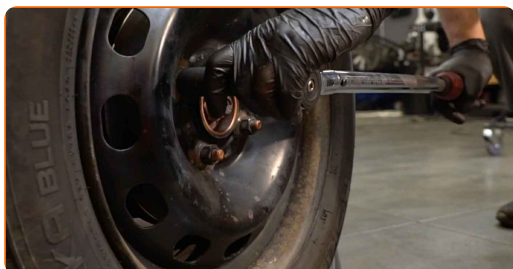
33

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



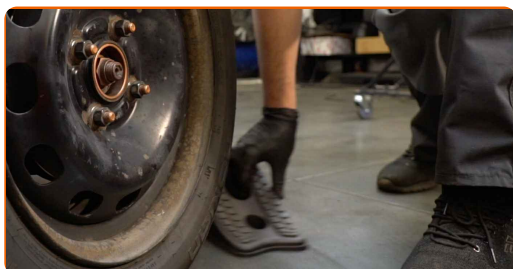
34

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 110 nm torque.



35

Remove the jacks and chocks.



**WELL DONE!** 

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