



How to change front
lower arm on **Ford Fiesta**
JA8 – replacement guide

VIDEO TUTORIAL

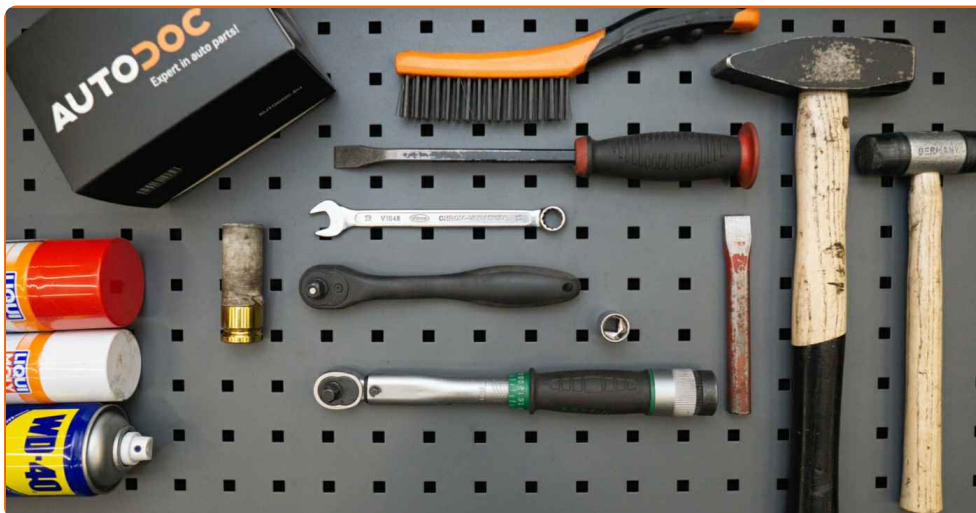
 **Important!**

This replacement procedure can be used for:

FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 Ti, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 TDCi, FORD Fiesta Mk6 Van 1.4 TDCi, FORD Fiesta Mk6 Van 1.6 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.25, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4, FORD Fiesta Mk6 Saloon 1.6 Ti, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 LPG, FORD Fiesta Mk6 Van 1.25, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.0, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.0 EcoBoost, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.5 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 ST, (+ 15)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – FORD FIESTA
JA8. 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

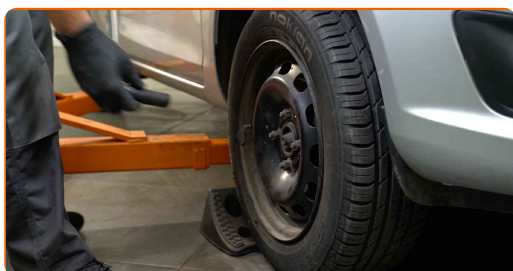
BUY TOOLS

Replacement: front lower arm – Ford Fiesta JA8. 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 Fiesta JA8.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.



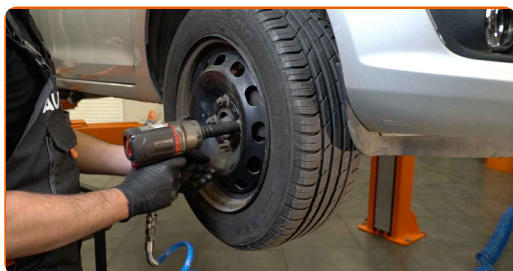
2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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



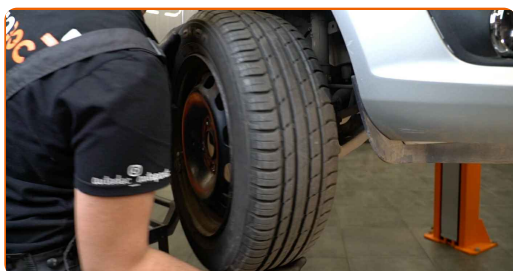
4 Unscrew the wheel bolts.



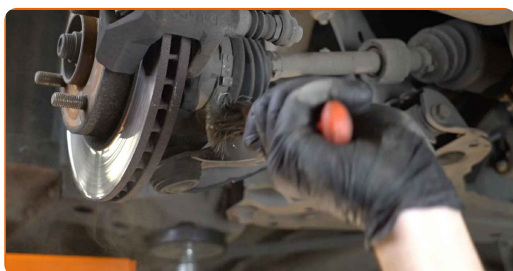
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Ford Fiesta JA8

5 Remove the wheel.



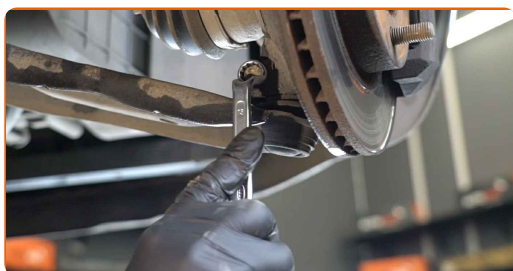
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



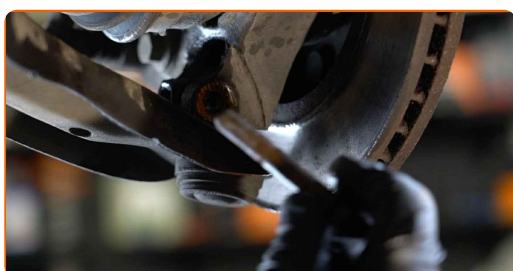
Replacement: front lower arm – Ford Fiesta JA8. Tip:

- After applying the spray, wait a few minutes.

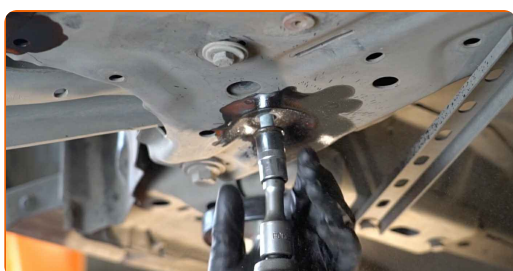
- 7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #13. Use a drive socket #15. Use a tap wrench.



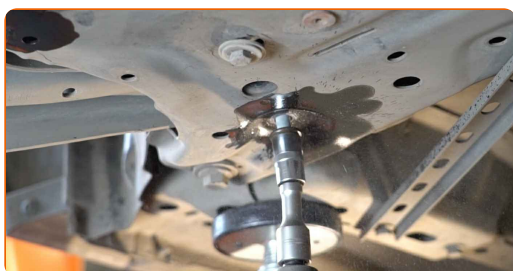
- 8 Remove the fastening bolt.



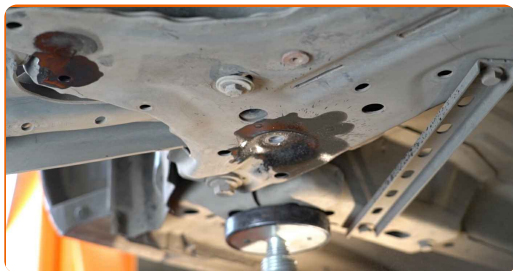
- 9 Unscrew the front arm fastener. Use a drive socket #15. Use a tap wrench.



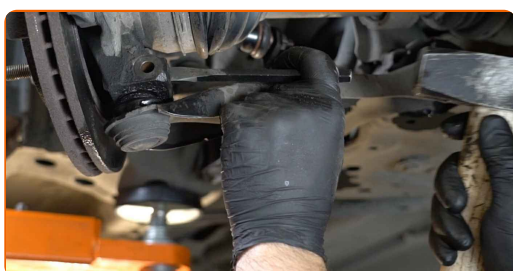
- 10 Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #13. Use a tap wrench.



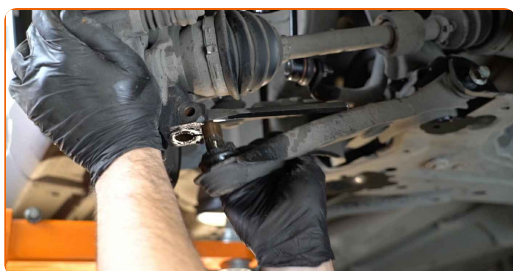
11 Remove the rear fastener of the control arm.



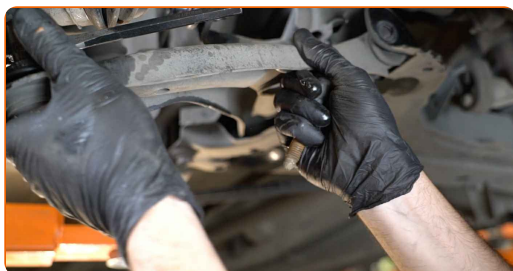
12 Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



13 Disconnect the ball joint from the steering knuckle.



14 Remove the front fastener of the control arm.

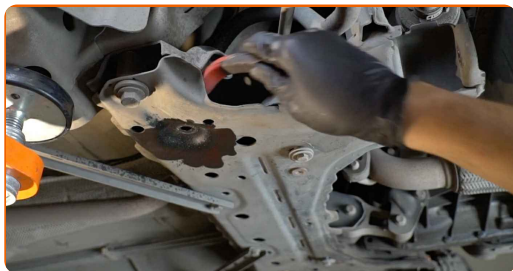


15 Remove the arm.



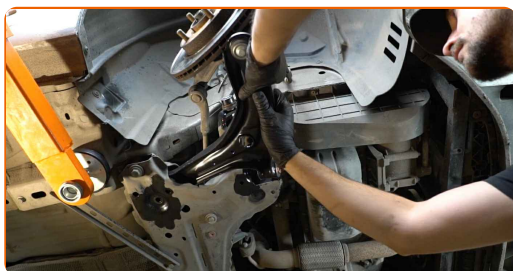
16

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.

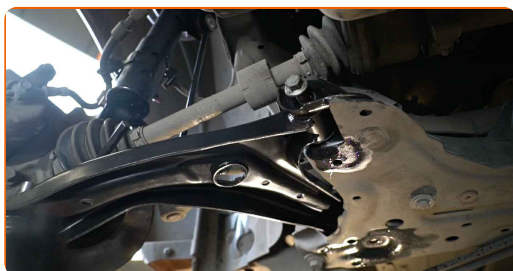


Replacement: front lower arm – Ford Fiesta JA8. AUTODOC recommends:

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

18

Install the control arm fasteners.



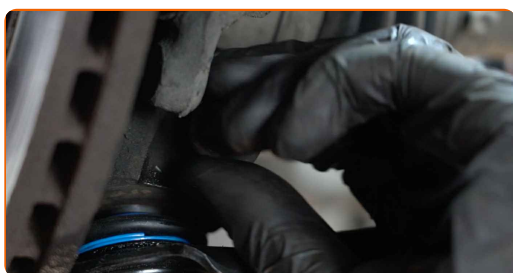
19

Connect the ball joint to the steering knuckle.

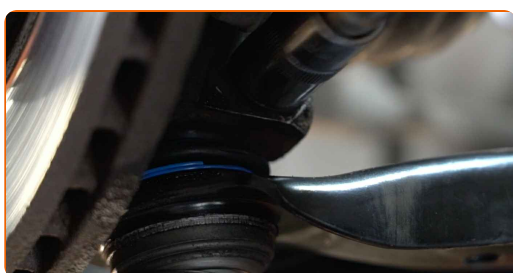
20 Support the arm. Use a hydraulic transmission jack.



21 Install the fastening bolt.



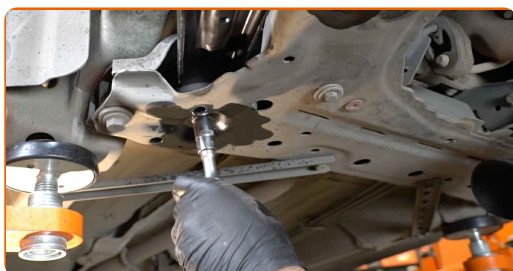
22 Screw the fasteners of the ball joint. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



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°

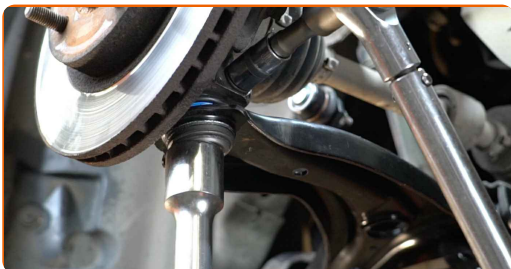


AUTODOC recommends:

- Important! Be sure to use new fasteners.

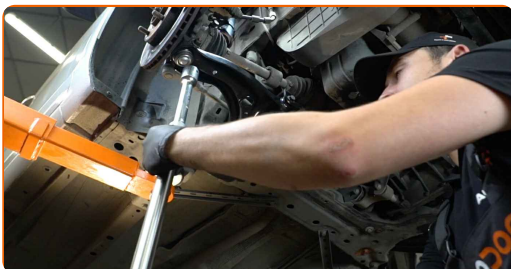
27

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



28

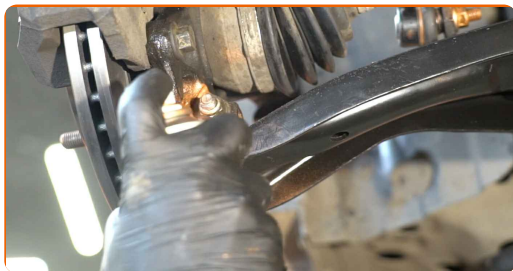
Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – Ford Fiesta JA8. 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.



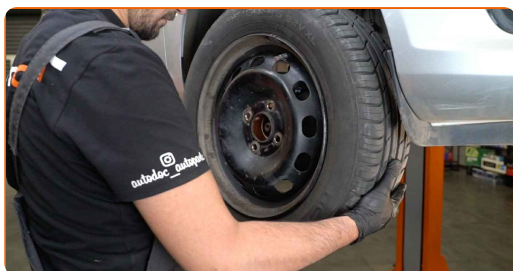
31 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

32 Install the wheel.

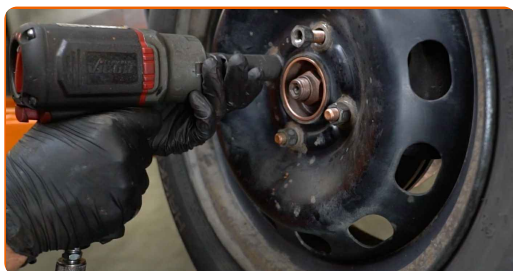


Replacement: front lower arm – Ford Fiesta JA8. Tip from AUTODOC:

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

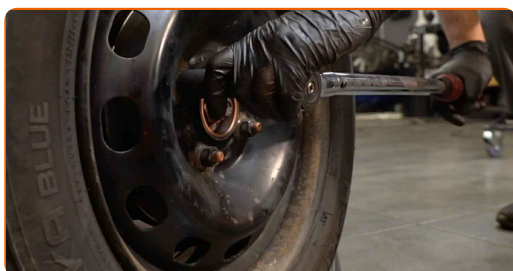
33

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



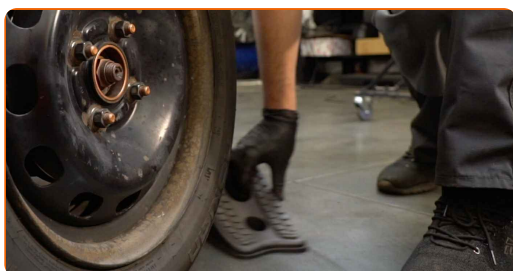
34

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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