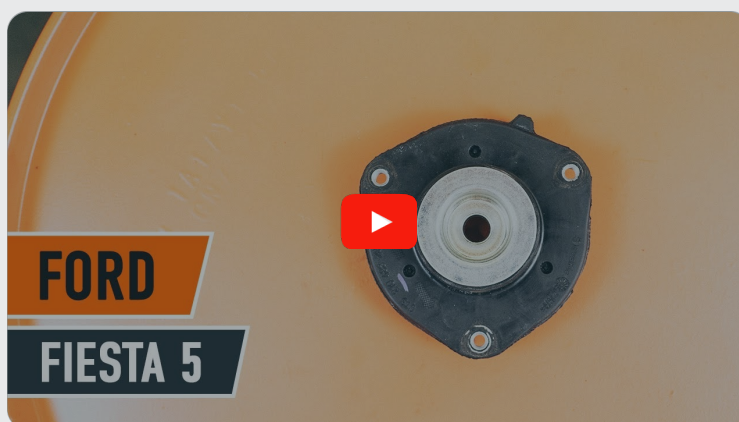




How to change front
strut mount on **Ford**
Fiesta V JH JD –
replacement guide

VIDEO TUTORIAL



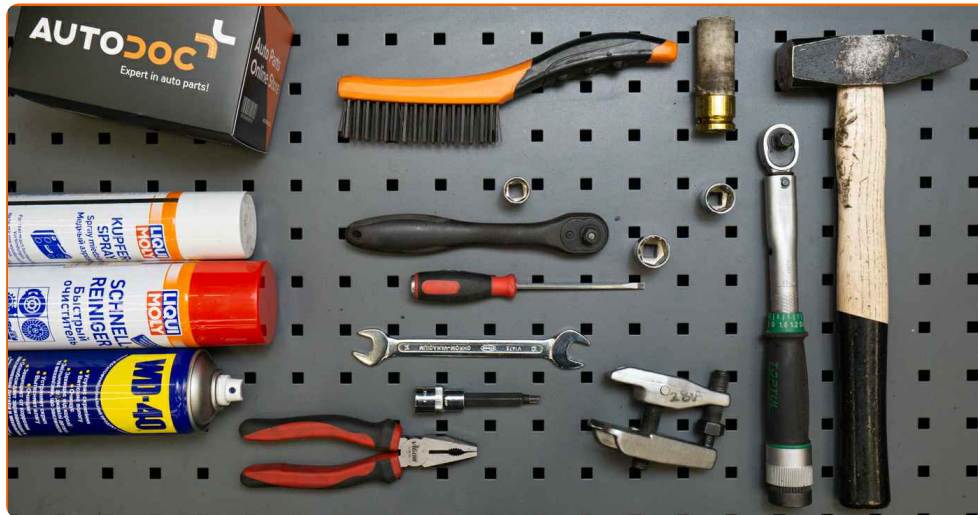
Important!

This replacement procedure can be used for:

FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.0, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6, FORD Fusion Saloon (CD3) 2.3, FORD Fusion Saloon (CD3) 2.5, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.3, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 16V, FORD Fusion Estate (JU2) 1.4, FORD Fusion Estate (JU2) 1.6, FORD Fusion Estate (JU2) 1.4 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.25 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 TDCi, FORD Fusion Estate (JU2) 1.6 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) ST150, (+ 7)

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – FORD FIESTA V JH
JD. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Combination spanner #19
- Drive socket # 15
- Drive socket # 19
- HEX bit no.H6.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Hammer
- Flat Screwdriver
- Crow bar
- Pliers
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

BUY TOOLS

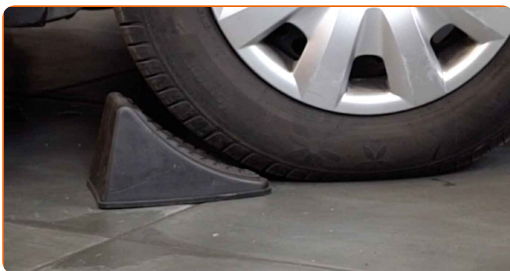
Replacement: strut mount – Ford Fiesta V JH JD. AUTODOC recommends:

- 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 FIESTA V JH JD. TAKE THE FOLLOWING STEPS:

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 Fiesta V JH JD. Tip:

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

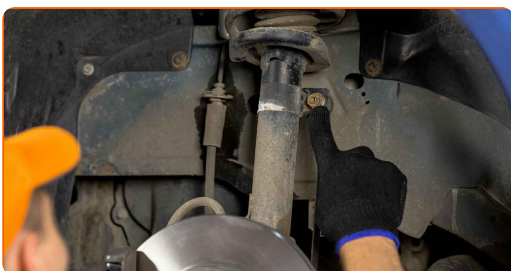
5

Remove the wheel.

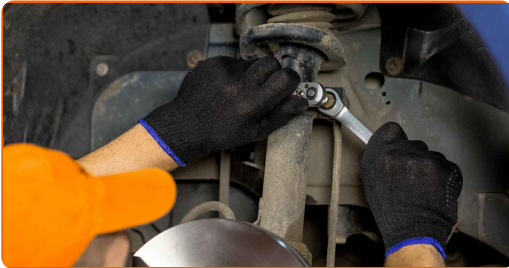


6

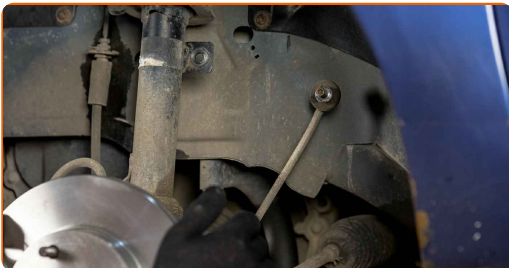
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



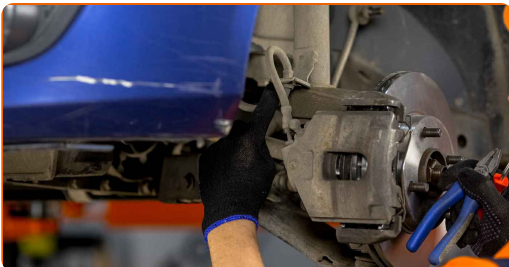
- 7** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use HEX No.H6. Use a ratchet wrench.



- 8** Remove the stabilizer rod.



- 9** Take out the retainer clip and move the brake hose out of the bracket on the shock strut. Use a flat screwdriver. Use pliers.

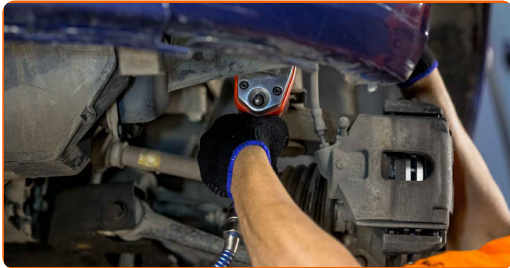


- 10** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



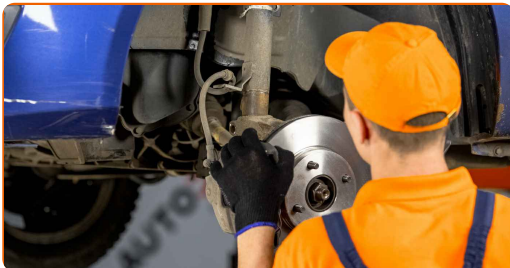
11

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



12

Remove the fastening bolt. Disconnect the steering knuckle from the shock absorber strut. Use a hammer.



13

Lower the car. Open the bonnet.

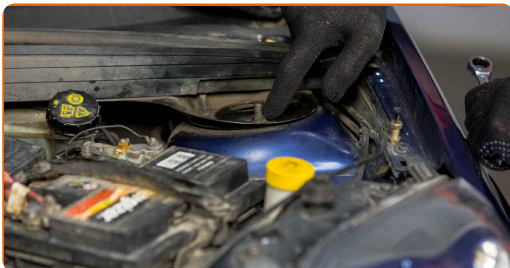


14

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

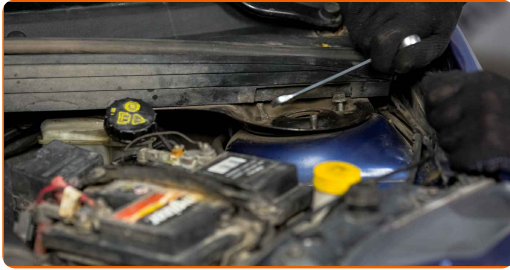
15

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



16

Unscrew the top fastening of the shock strut mount. Use a combination spanner #13.



AUTODOC recommends:

- Important! Hold the suspension strut while unscrewing the fastening bolts. Ford Fiesta V JH JD

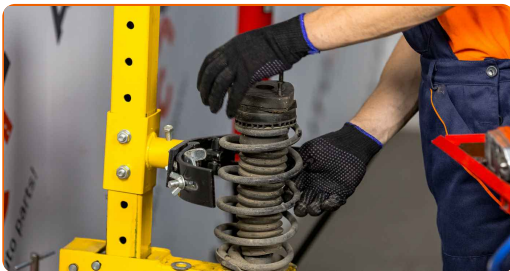
17

Remove the suspension strut.



18

Set the shock absorber strut on the spring compressor tool.

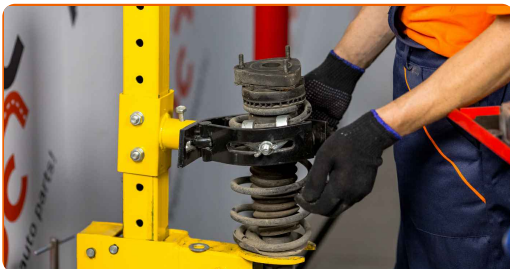


Replacement: strut mount – Ford Fiesta V JH JD. Tip from AUTODOC experts:

- 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.

19

Compress the spring.



20

Remove the shock strut mount cap.



21

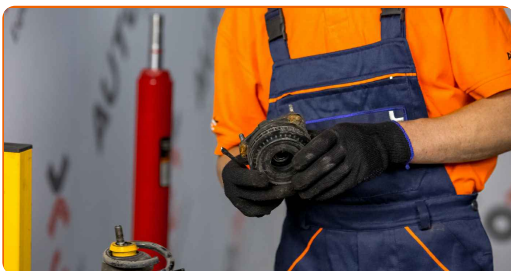
Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



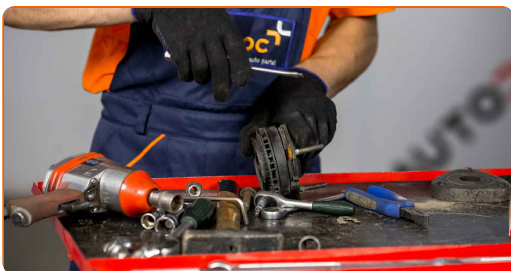
- 22 Remove the strut piston rod nut. Use a combination spanner #19. Use HEX No.H6. Use a drive socket #19. Use a ratchet wrench.



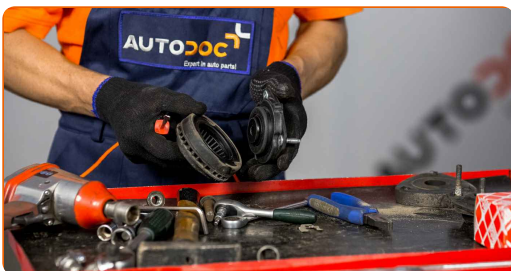
- 23 Remove the top mount of the shock absorber strut together with the mount bearing. Use a flat screwdriver.



- 24 Remove the top strut mount.



- 25 Install a new shock absorber strut mount into the mount bearing.



26

Install the upper strut mount and the strut mount bearing. Use a crowbar.



27

Tighten the shock strut piston rod nut. Use a drive socket #19. Use a torque wrench. Tighten it to 48 Nm torque.

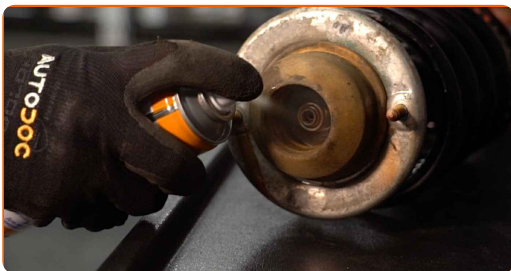


Replacement: strut mount – Ford Fiesta V JH JD. Tip from AUTODOC:

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

28

Treat the shock strut rod. Use copper grease.



29

Install the shock strut mount cap.

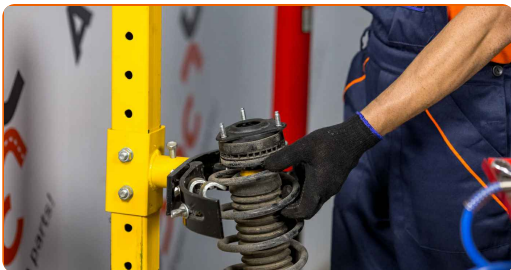


30

Decompress the spring.

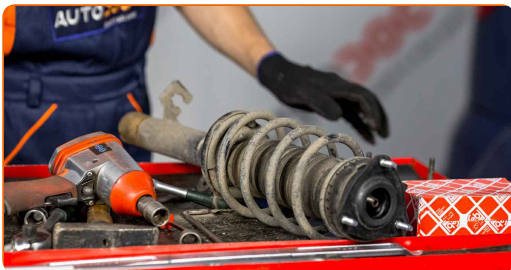
31

Remove the assembled shock strut.



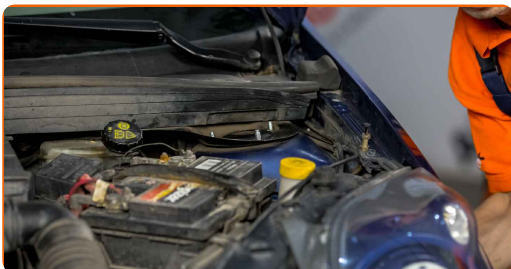
32

Install the shock strut into the wheel arch.

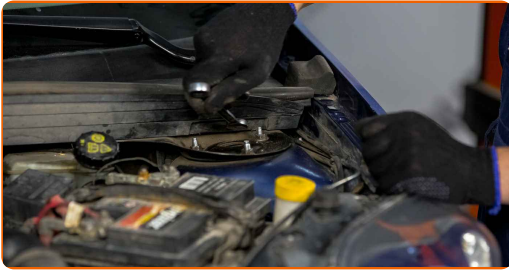


33

Screw the top fastening of the shock strut mount.

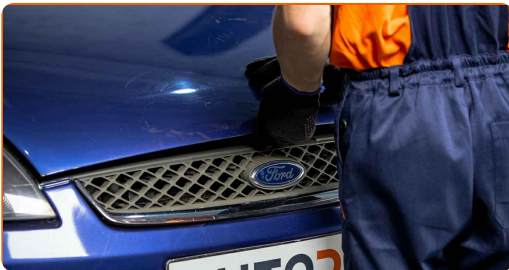


- 34** Tighten the upper fastener of the shock absorber strut mount. Use a combination spanner #13. Use a torque wrench. Tighten it to 30 Nm torque.



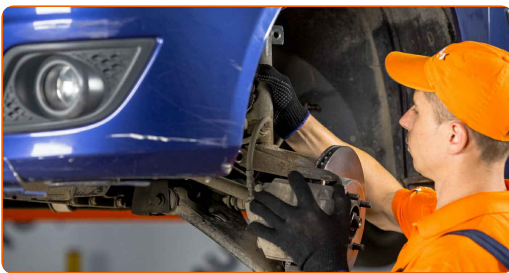
- 35** Treat the fasteners of the shock strut mount. Use copper grease.

- 36** Remove the fender protection cover. Close the hood.

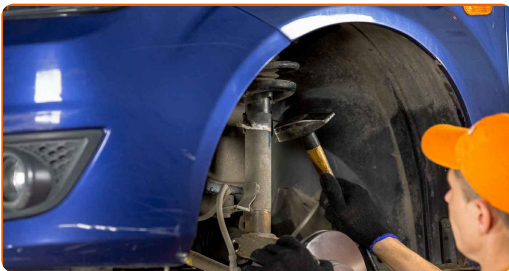


- 37** Raise the front of the car and secure on supports.

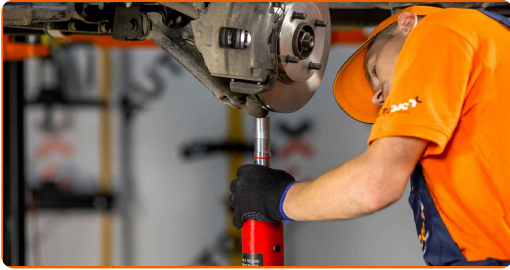
- 38** Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



- 39** Fix the shock absorber strut on the steering knuckle. Use a hammer. Use a crowbar.



40 Support the arm. Use a hydraulic transmission jack.



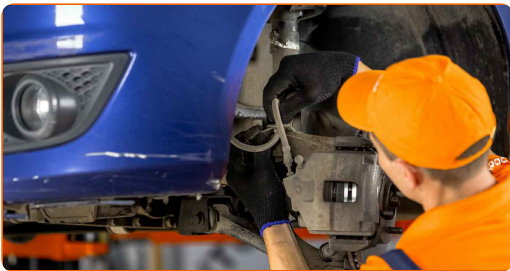
41 Install the fastening bolt.

42 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #15. Use a torque wrench. Tighten it to 90 Nm torque.



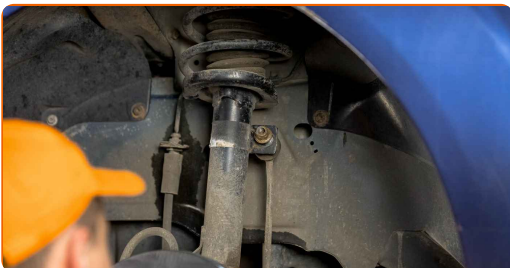
43 Treat the shock strut fasteners. Use copper grease.

44 Fasten the brake hose on the strut.

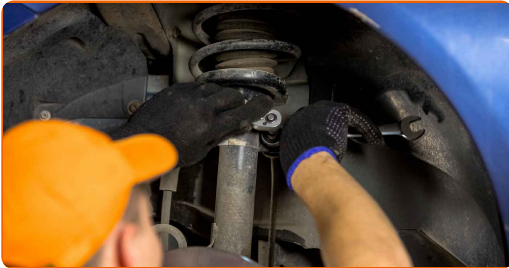


45 Attach the brake hose retainer clip. Use a hammer.

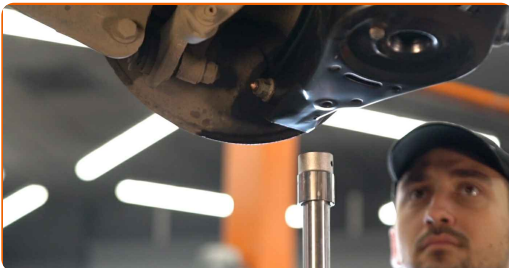
46 Install the transverse stabilizer link.



- 47 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use HEX No.H6. Use a torque wrench. Tighten it to 48 Nm torque.



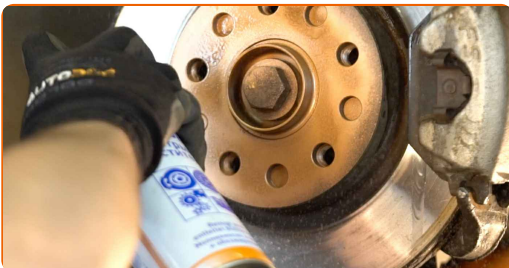
- 48 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: strut mount – Ford Fiesta V JH JD. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



50

Clean the brake disk surface. Use a brake cleaner.

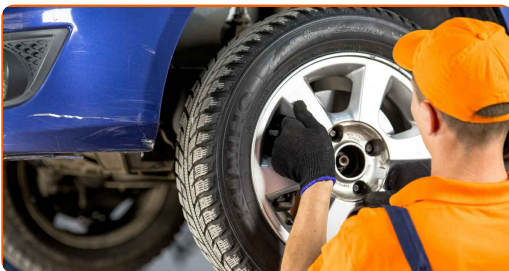


Replacement: strut mount – Ford Fiesta V JH JD. Professionals recommend:

- After applying the spray, wait a few minutes.

51

Install the wheel.

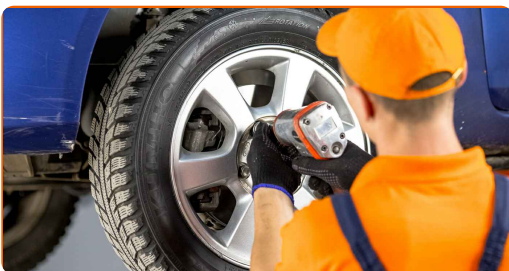


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Ford Fiesta V JH JD

52

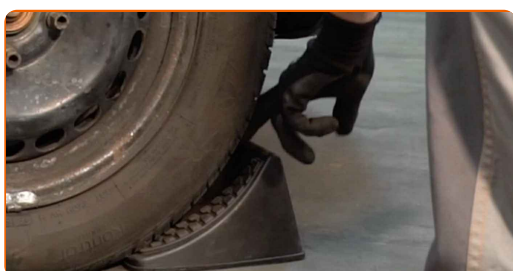
Screw in the wheel bolts. Use wheel impact socket #19.



- 53** 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 95 nm torque.



- 54** Remove the jacks and chocks.



WELL DONE! 

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