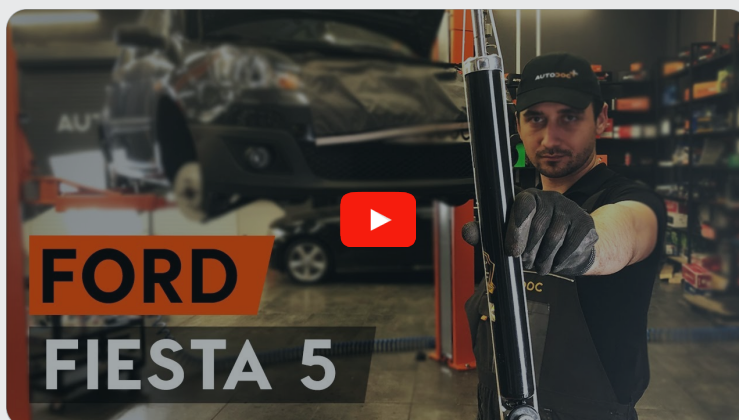




How to change rear  
shock absorbers on  
**FORD Fiesta Mk5 Van** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

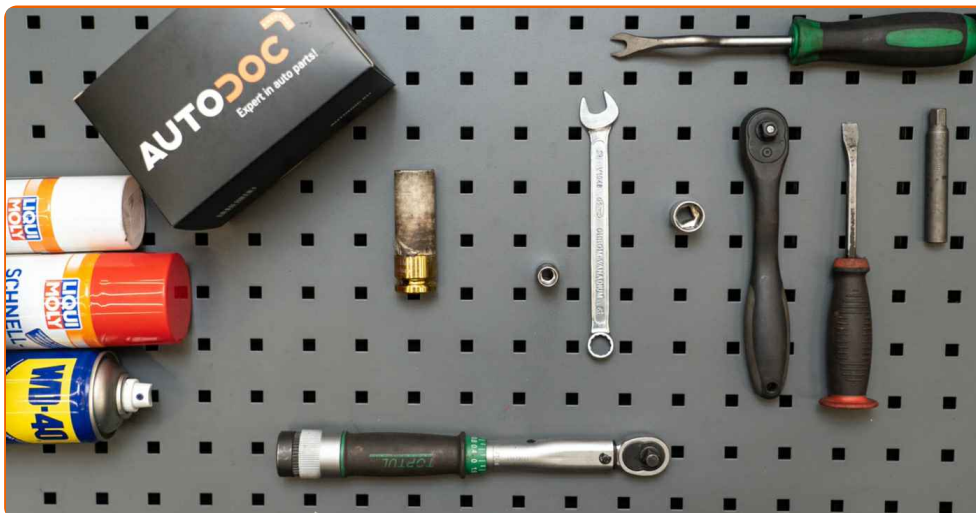
#### **Important!**

This replacement procedure can be used for:  
 FORD Fiesta Mk5 Van 1.3, FORD Fiesta Mk5 Van 1.4 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 Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 16V

REPLACEMENT: SHOCK ABSORBERS – FORD FIESTA  
MK5 VAN. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Drive socket # 10
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Shock absorber socket #DD6
- Clip removal tool
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: shock absorbers – FORD Fiesta Mk5 Van. Tip from AUTODOC:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

**REPLACEMENT: SHOCK ABSORBERS – FORD FIESTA MK5 VAN. USE THE FOLLOWING PROCEDURE:**

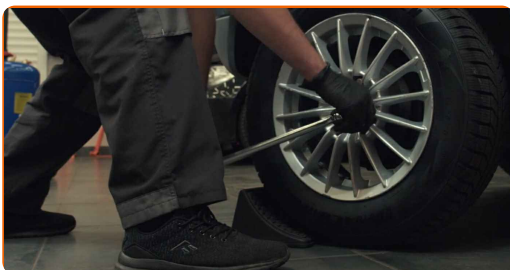
1

Secure the wheels with chocks.



2

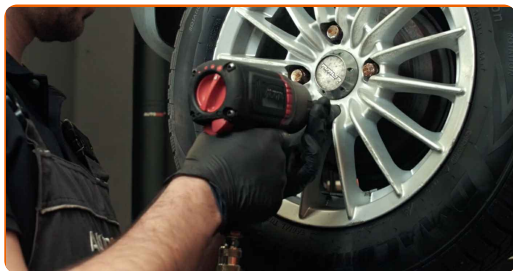
Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the rear of the car and secure on supports.

**4** Unscrew the wheel bolts.



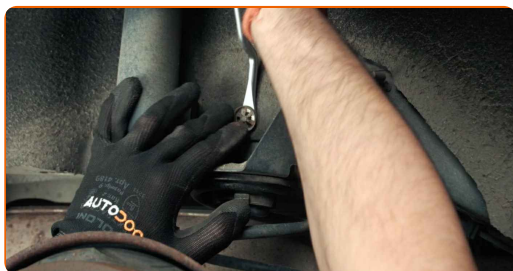
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD Fiesta Mk5 Van

**5** Remove the wheel.



**6** Unscrew and remove the wheel arch cover fasteners. Use a clip removal tool.

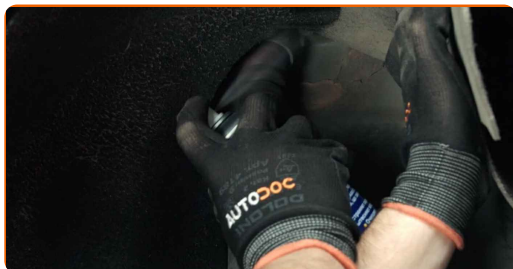


**7** Move the part aside.



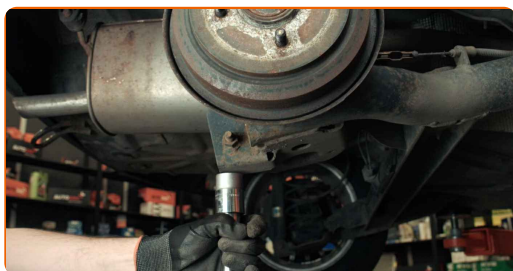
8

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



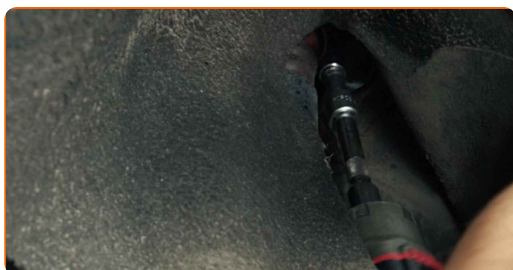
9

Support the rear suspension beam. Use a hydraulic transmission jack.



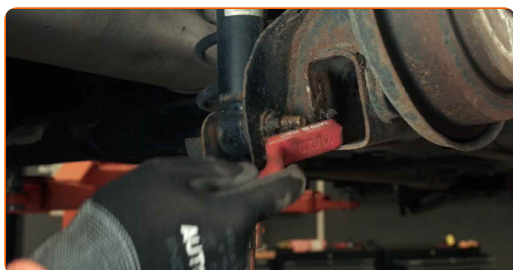
10

Unscrew the upper fastener of the shock absorber. Use a drive socket #10. Use a ratchet wrench.



11

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



12

Unscrew the lower fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.



13

Remove the mounting from under the rear axle beam.

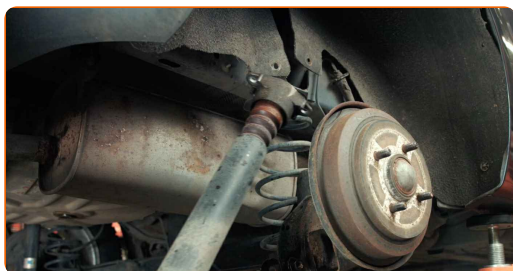


Replacement: shock absorbers – FORD Fiesta Mk5 Van. AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

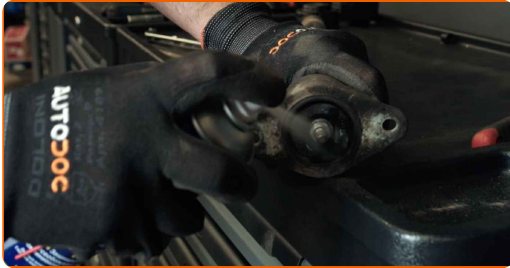
14

Remove the shock absorber.



**15**

Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



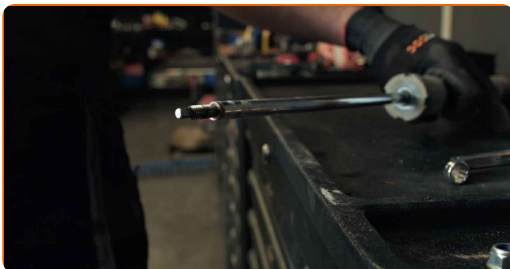
**16**

Remove the shock absorber piston rod fastening. Use a combination spanner #13. Use a shock absorber socket #DD6.



**17**

Remove the shock absorber mount, boot and bump stop.



**AUTODOC recommends:**

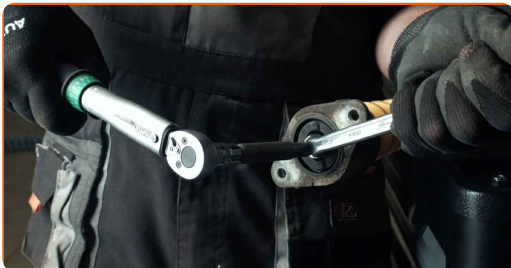
- Replacement: shock absorbers – FORD Fiesta Mk5 Van. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.



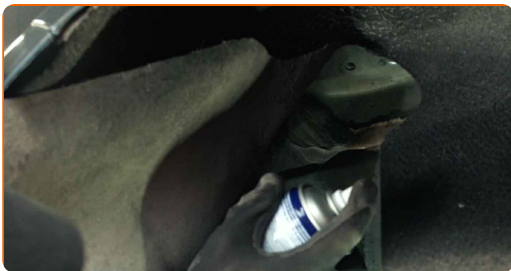
**18** Install the mount, boot and bump stop onto a new shock absorber.



**19** Tighten the shock absorber rod nut. Use a combination spanner #13. Use a shock absorber socket #DD6. Use a torque wrench. Tighten it to 25 Nm torque.



**20** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



**21** Place the shock absorber in the wheel arch and secure it.



**AUTODOC recommends:**

- Important! Hold the shock absorber while screwing in the fastening bolts. FORD Fiesta Mk5 Van

**22**

Tighten the top shock absorber fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 25 Nm torque.



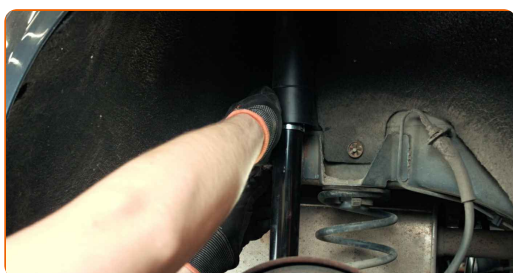
**23**

Install the wheel arch cover to its mounting seat.



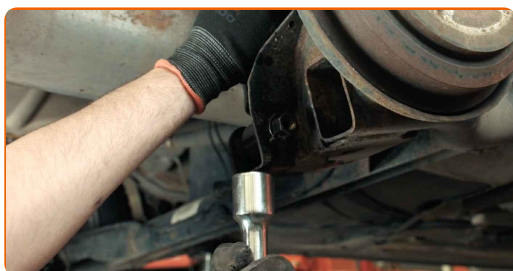
**24**

Install and tighten the wheel arch cover fasteners.



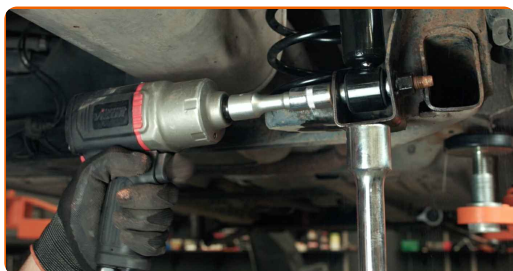
**25**

Support the rear suspension beam. Use a hydraulic transmission jack.



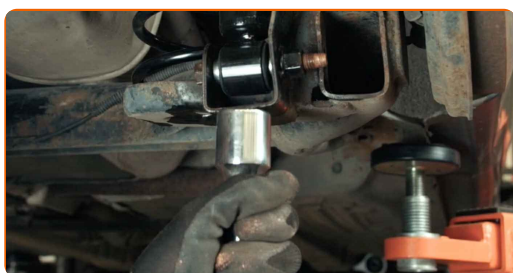
26

Screw in the lower fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.



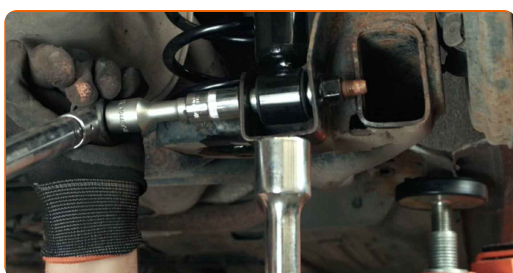
27

Raise the hydraulic transmission jack by 10-15 cm.



28

Tighten the lower fastener of the shock absorber. Use a drive socket #15. Use a torque wrench. Tighten it to 115 Nm torque.



29

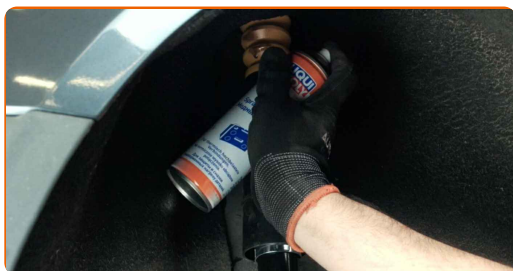
Remove the mounting from under the rear axle beam.



### Replacement: shock absorbers – FORD Fiesta Mk5 Van. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

**30** Treat the shock absorber fasteners. Use copper grease.



**31** Clean the wheel rim mounting seat. Use a wire brush.



**32** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



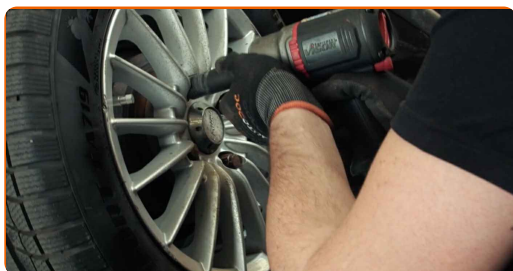
**33** Install the wheel.



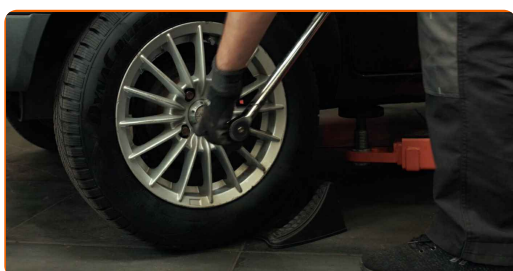
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FORD Fiesta Mk5 Van

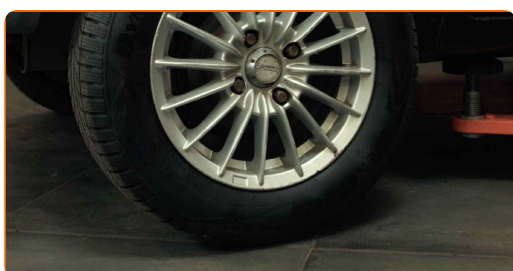
**34** Screw in the wheel bolts. Use wheel impact socket #19.



**35** 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.



**36** Remove the jacks and chocks.



**WELL DONE!** 

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