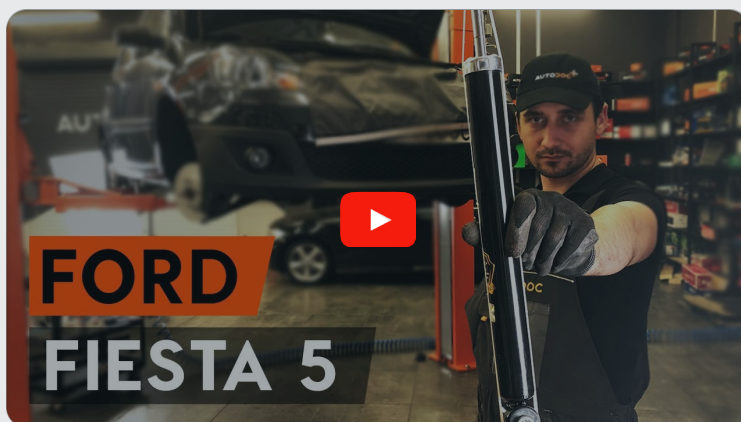




How to change rear  
shock absorbers on **Ford**  
**Fiesta V JH JD** –  
replacement guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.3, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.25 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) ST150, FORD Fiesta Mk5 Van 1.3, FORD Fiesta Mk5 Van 1.4 TDCi, FORD FUSION (JU\_) 1.4 LPG

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – FORD FIESTA V  
 JH JD. 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 V JH JD. 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 V JH JD. USE THE FOLLOWING PROCEDURE:**

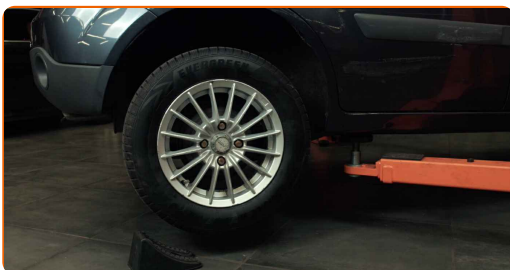
**1** Secure the wheels with chocks.



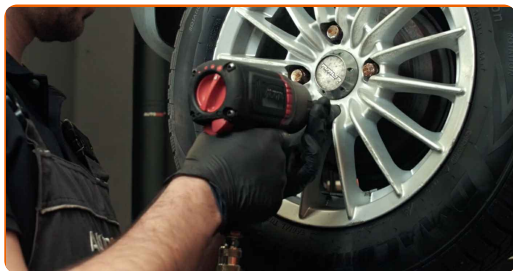
**2** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**3** Raise the rear of the car and secure on supports.



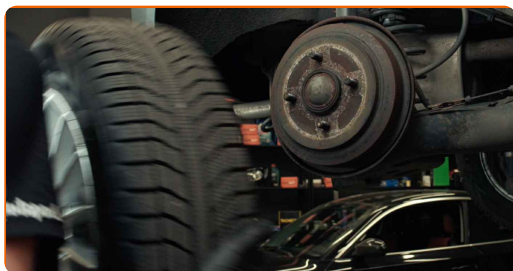
**4** Unscrew the wheel bolts.



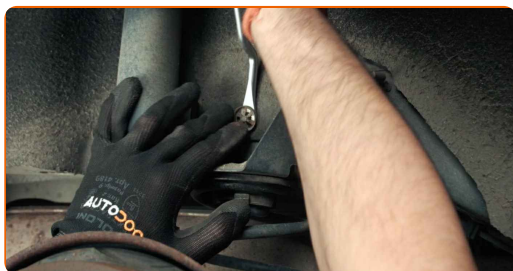
**AUTODOC recommends:**

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

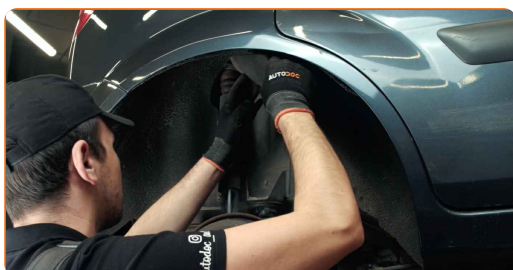
**5** Remove the wheel.



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



**7** Move the part aside.



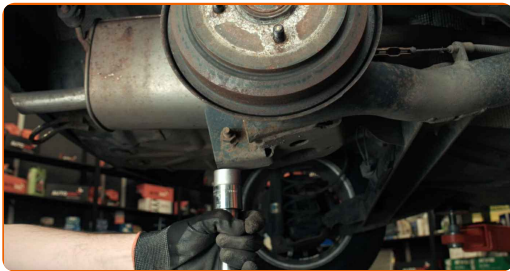
8

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



9

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



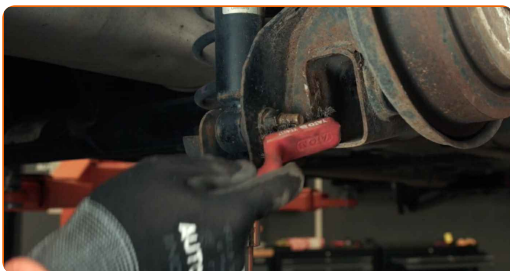
10

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.

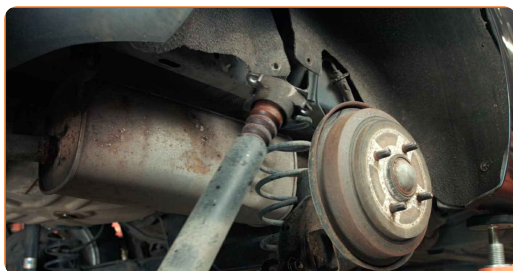


Replacement: shock absorbers – Ford Fiesta V JH JD. AUTODOC recommends:

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

14

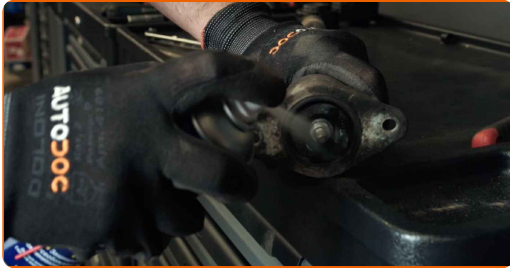
Remove the shock absorber.





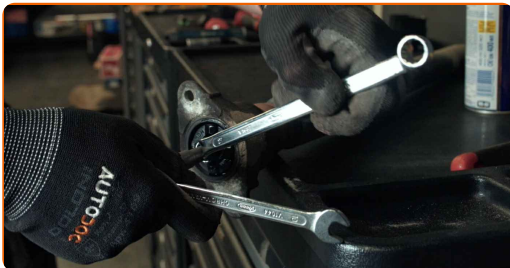
**15**

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:**

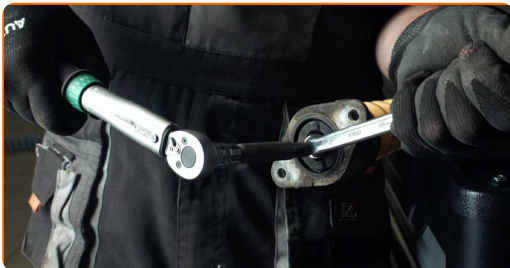
- Replacement: shock absorbers – Ford Fiesta V JH JD. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.



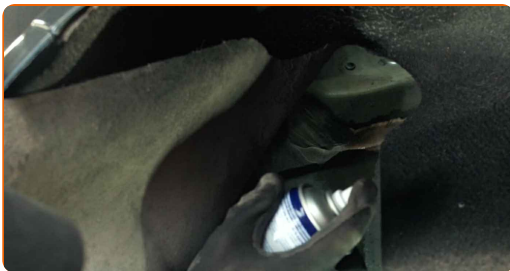
**18** Install the mount, boot and bump stop onto a new shock absorber.



**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 V JH JD

**22**

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



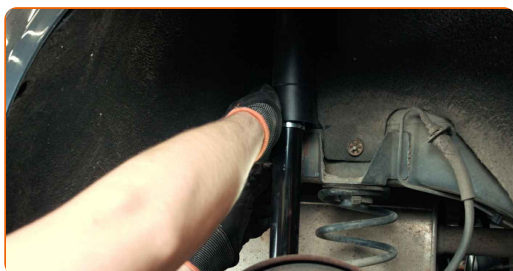
**23**

Install the wheel arch cover to its mounting seat.



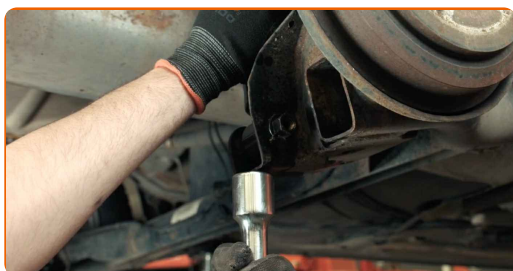
**24**

Install and tighten the wheel arch cover fasteners.



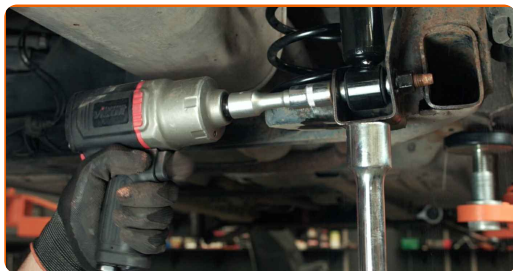
**25**

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



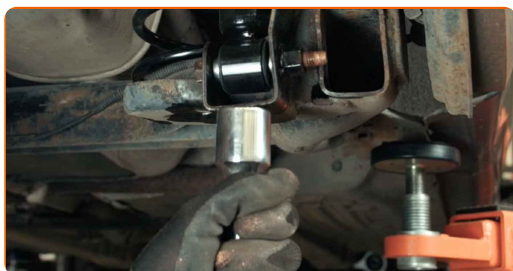
26

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



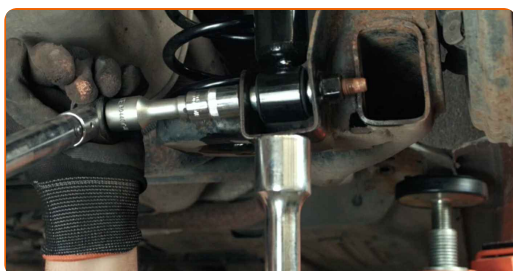
27

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

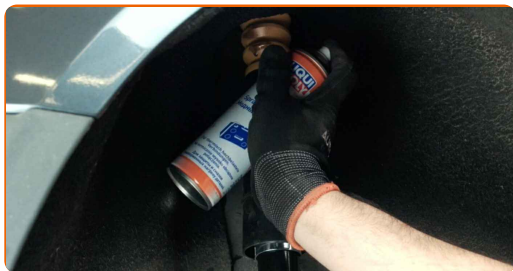
Remove the mounting from under the rear axle beam.



**Replacement: shock absorbers – Ford Fiesta V JH JD. 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.



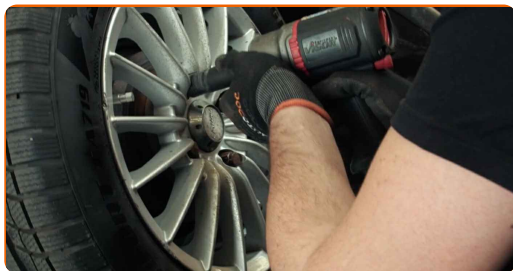
**33** Install the wheel.



**AUTODOC recommends:**

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

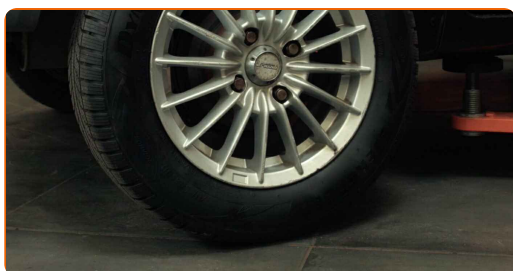
**34** Screw in the wheel bolts. Use wheel impact socket #19.



**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!** 

**VIEW MORE TUTORIALS**

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  **Google Play**

 **Download on the App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**BUY SPARE PARTS FOR FORD**

**SHOCK ABSORBERS: A WIDE SELECTION**



**CHOOSE CAR PARTS FOR FORD FIESTA V JH JD**

**SHOCK ABSORBERS FOR FORD: BUY NOW**

**SHOCK ABSORBERS FOR FORD FIESTA V JH JD: THE BEST DEALS & OFFERS**

### **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.