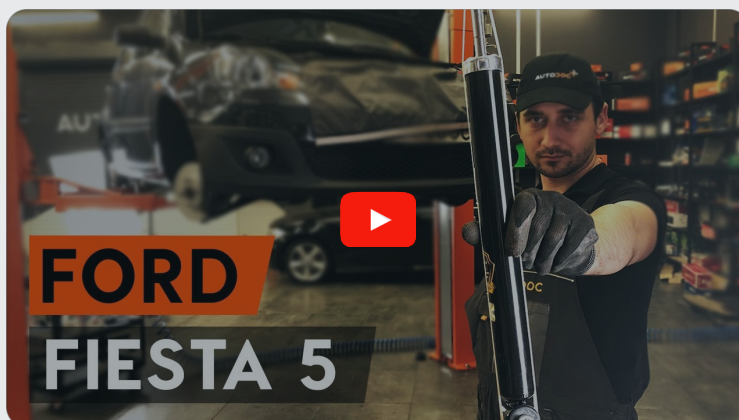




How to change rear  
shock absorbers on  
**FORD FUSION (JU\_)** –  
replacement guide

### 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 FUSION (JU\_) 1.4 LPG

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 FUSION (JU\_). 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 FUSION (JU\_). 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 FUSION (JU\_). USE THE FOLLOWING PROCEDURE:**

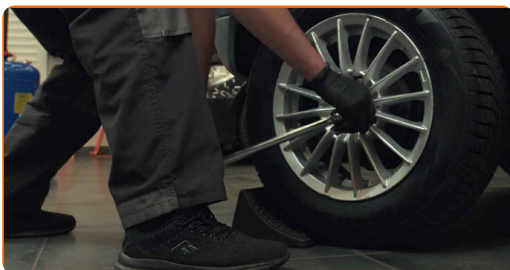
1

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.

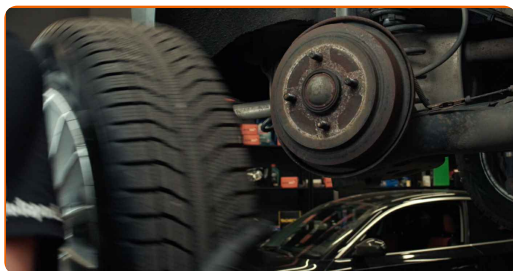
**4** Unscrew the wheel bolts.



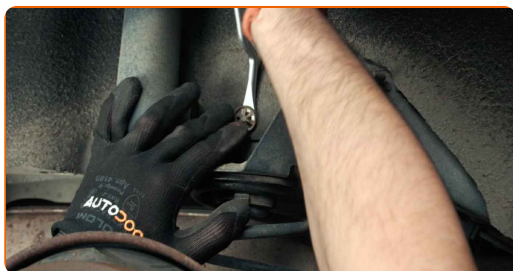
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD FUSION (JU\_)

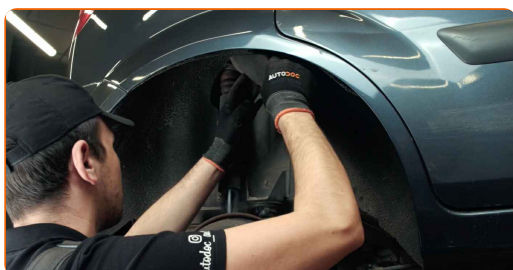
**5** Remove the wheel.



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

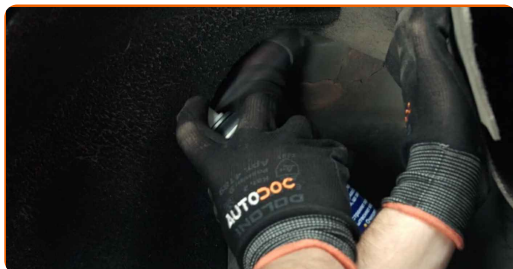


**7** Move the part aside.



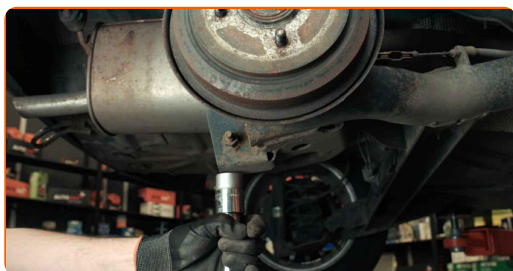
8

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



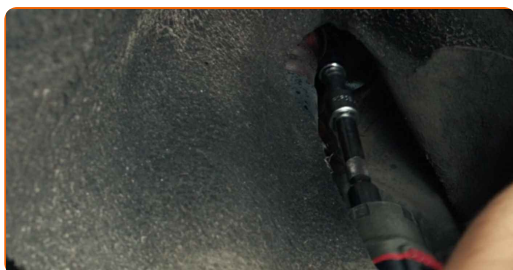
9

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



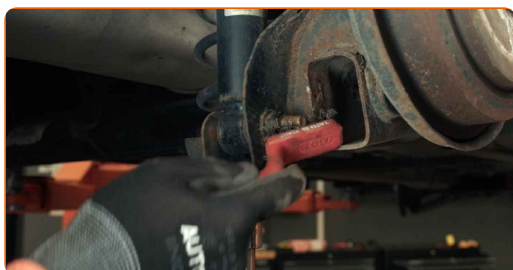
10

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.

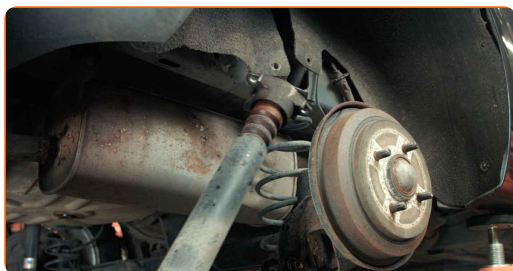


Replacement: shock absorbers – FORD FUSION (JU\_). AUTODOC recommends:

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

14

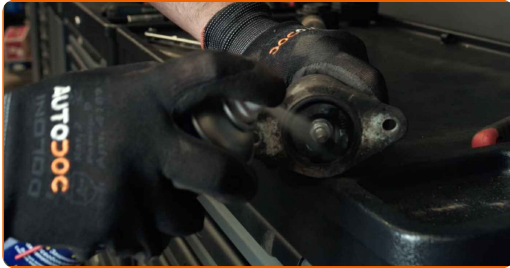
Remove the shock absorber.





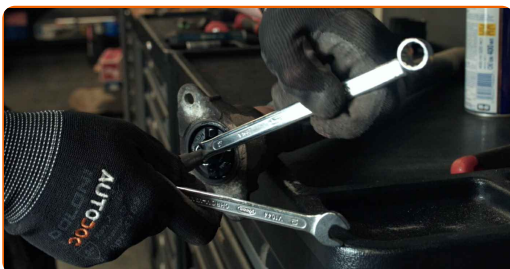
**15**

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



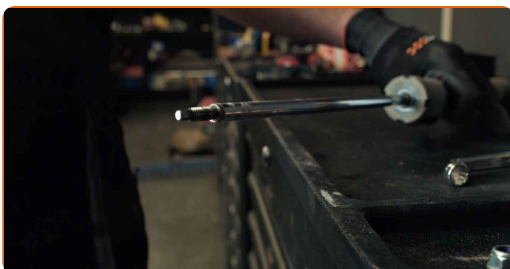
**16**

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:**

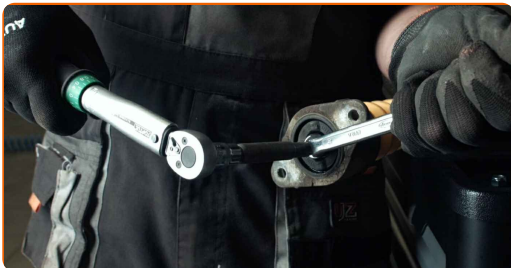
- Replacement: shock absorbers – FORD FUSION (JU\_). Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.



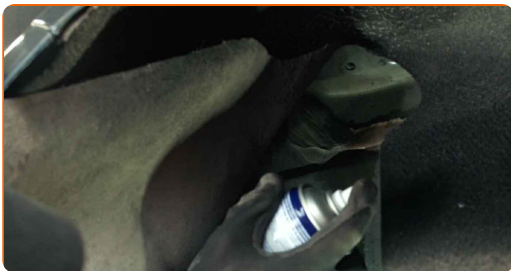
**18** Install the mount, boot and bump stop onto a new shock absorber.



**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 FUSION (JU\_)

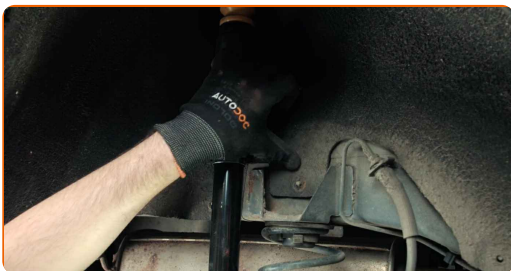
**22**

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



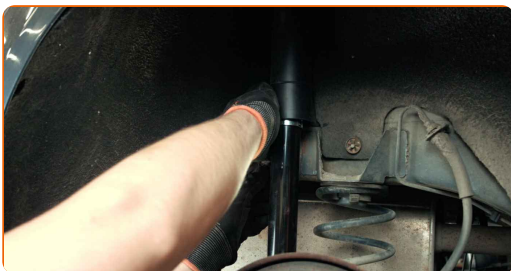
**23**

Install the wheel arch cover to its mounting seat.



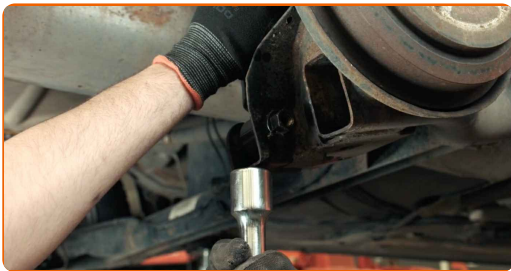
**24**

Install and tighten the wheel arch cover fasteners.



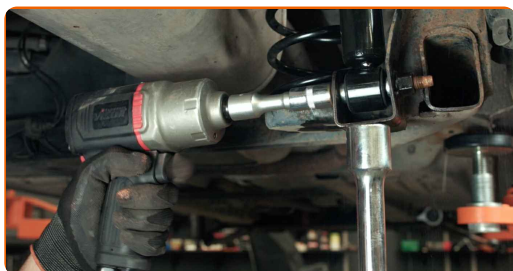
**25**

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



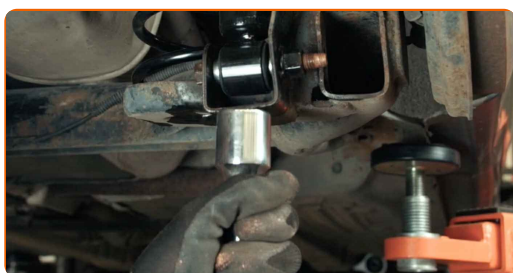
26

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



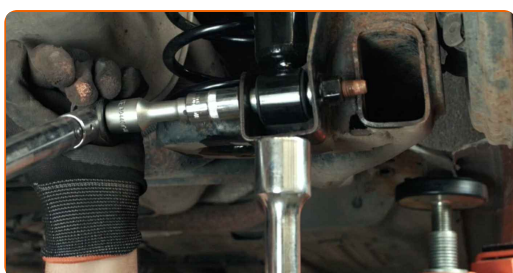
27

Raise the hydraulic transmission jack by 10-15 cm.



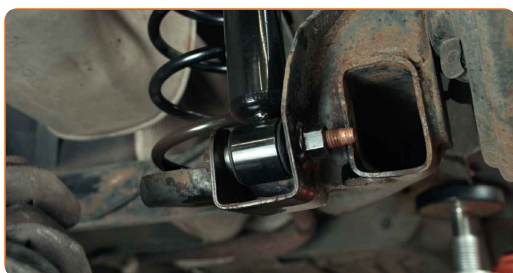
28

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



29

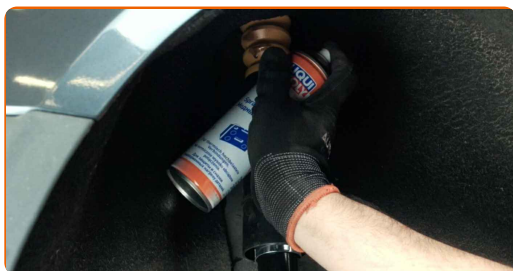
Remove the mounting from under the rear axle beam.



**Replacement: shock absorbers – FORD FUSION (JU\_). 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.



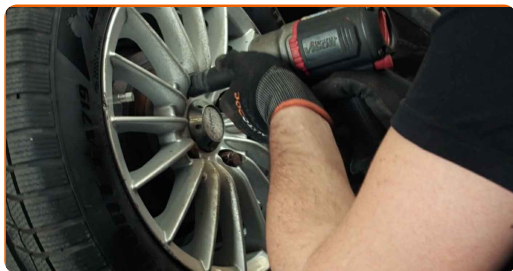
**33** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FORD FUSION (JU\_)

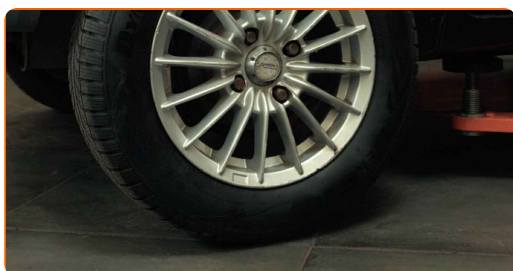
**34** Screw in the wheel bolts. Use wheel impact socket #19.



**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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