



How to change front  
wheel bearing on **FORD**  
**Focus II Hatchback**  
**(DA\_, HCP, DP) –**  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **i Important!**

This replacement procedure can be used for:

FORD Focus II Hatchback (DA\_, HCP, DP) 2.0 TDCi, FORD Focus II Hatchback (DA\_, HCP, DP) 1.6, FORD Focus II Hatchback (DA\_, HCP, DP) 1.6 Ti, FORD Focus II Hatchback (DA\_, HCP, DP) 2.0, FORD Focus II Hatchback (DA\_, HCP, DP) 1.4, FORD Focus II Hatchback (DA\_, HCP, DP) 1.6 TDCi, FORD Focus II Hatchback (DA\_, HCP, DP) 1.8 TDCi, FORD Focus II Hatchback (DA\_, HCP, DP) 2.5 ST, FORD Focus II Hatchback (DA\_, HCP, DP) 1.8 Flexifuel, FORD Focus II Hatchback (DA\_, HCP, DP) 1.8, FORD Focus II Hatchback (DA\_, HCP, DP) 2.0 CNG, FORD Focus II Hatchback (DA\_, HCP, DP) 2.0 LPG, FORD Focus II Hatchback (DA\_, HCP, DP) 1.6 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 Focus II Saloon (DB\_, FCH, DH) 1.6 TDCi

**REPLACEMENT: WHEEL BEARING – FORD FOCUS II HATCHBACK (DA\_, HCP, DP). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #21
- Drive socket # 12
- Drive socket # 15
- Drive socket # 17
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Crow bar
- Bush and bearing driver set
- Hammer
- Pin punch
- Flat chisel
- Ball joint puller
- Wheel chock

**Buy tools**

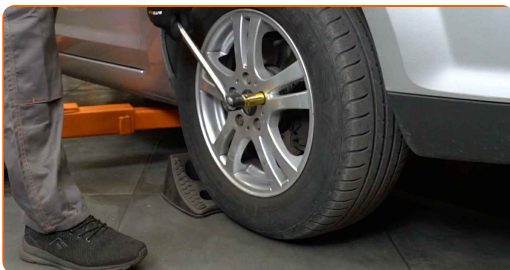
Replacement: wheel bearing – FORD Focus II Hatchback (DA\_, HCP, DP).  
AUTODOC recommends:

- Do not re-use the bearing assembly of your FORD Focus II Hatchback (DA\_, HCP, DP) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: WHEEL BEARING – FORD FOCUS II HATCHBACK (DA\_, HCP, DP). TAKE THE FOLLOWING STEPS:**

**1** Secure the wheels with chocks.

**2** Loosen the wheel mounting bolts. Use a drive 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 Focus II Hatchback (DA\_, HCP, DP)

**5**

Remove the wheel.



**6**

Disconnect the ABS sensor wiring.



**7**

Detach the ABS sensor connector.

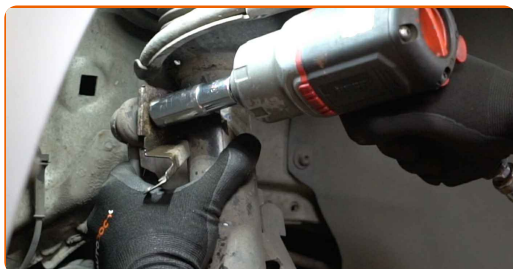


**8**

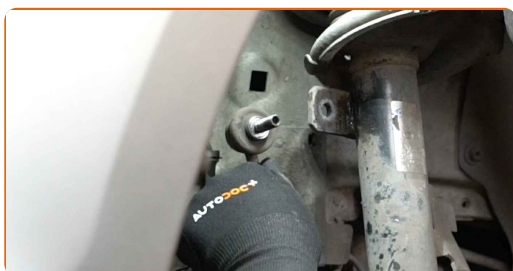
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



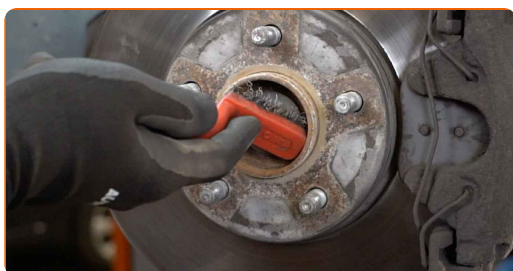
**9** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a ratchet wrench.



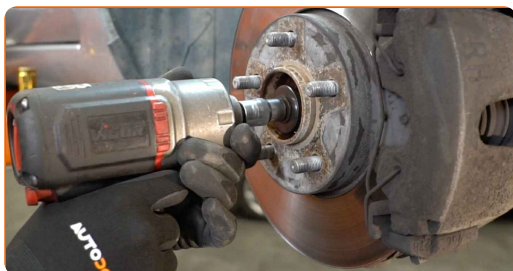
**10** Remove the stabilizer rod.



**11** Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.



**12** Loosen the fastener of the driveshaft. Use a drive socket #12. Use a tap wrench.



**13** Remove the fastening bolt.



**14** Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.



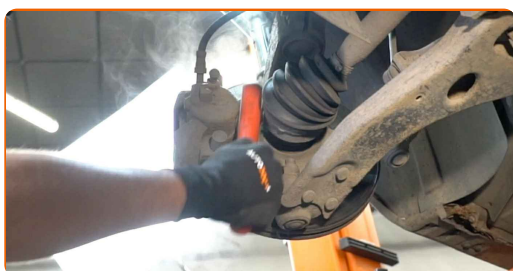
**15** Spread the brake pads. Use a crowbar.



**16** Detach the brake hose from the shock strut. Use a crowbar.

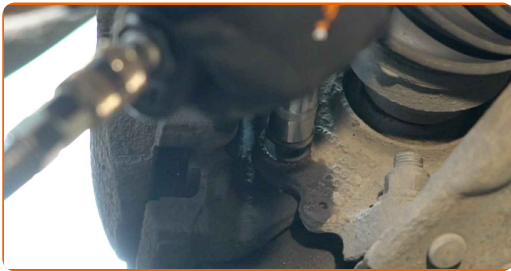


**17** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



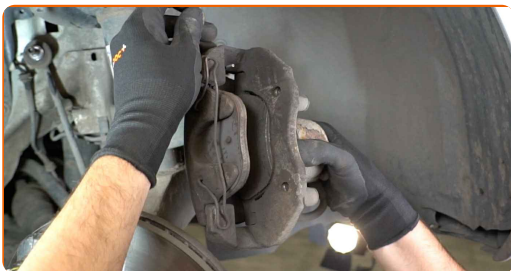
**18**

Unscrew the caliper bracket fastening. Use a drive socket #15. Use a tap wrench. Use a ratchet wrench.



**19**

Remove the brake caliper together with its bracket.



**Replacement: wheel bearing – FORD Focus II Hatchback (DA\_, HCP, DP). Tip from AUTODOC:**

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.



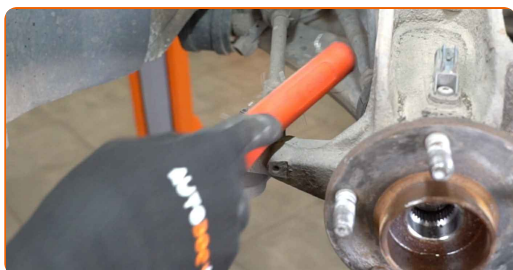
**20** Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



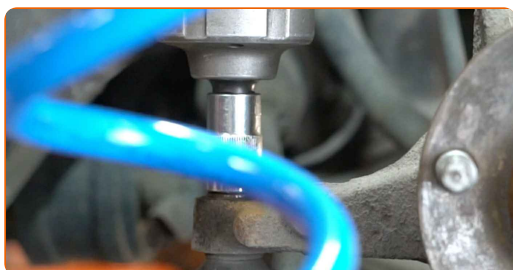
**21** Remove the brake disc.



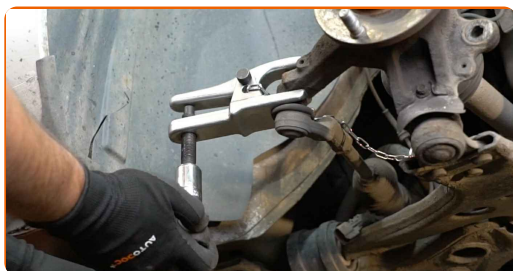
**22** Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



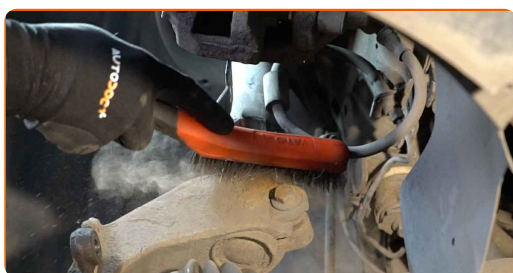
**23** Unscrew the end fastening nut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



**24** Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



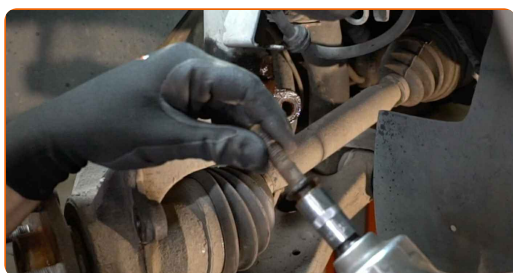
**25** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



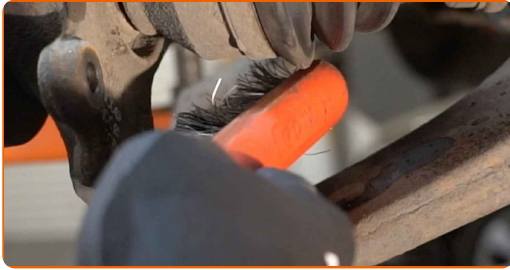
**26** Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



**27** Remove the fastening bolt.



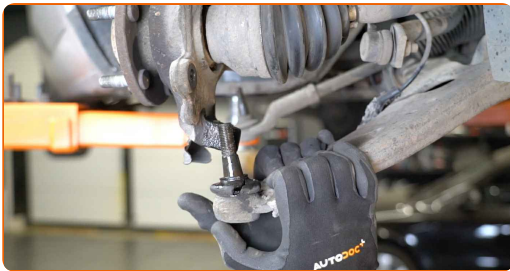
**28** Clean the fastener that connects the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



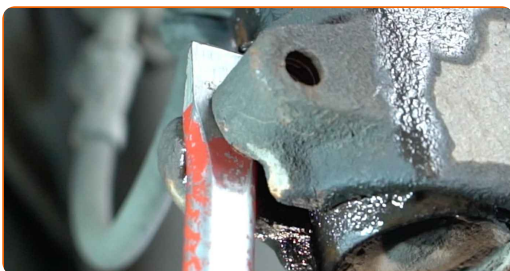
**29** Unscrew the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #21.



**30** Disconnect the ball joint from the steering knuckle. Use a ball joint puller.



**31** Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



**32**

Remove the drive shaft.



Replacement: wheel bearing – FORD Focus II Hatchback (DA\_, HCP, DP). Tip:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

**33**

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



**34**

Remove the steering knuckle together with the hub.

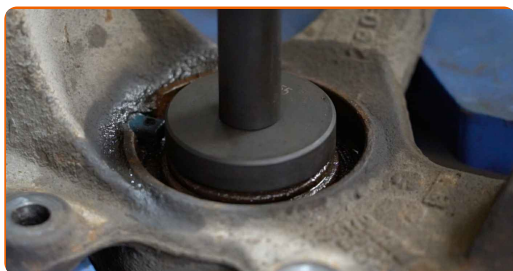


**35**

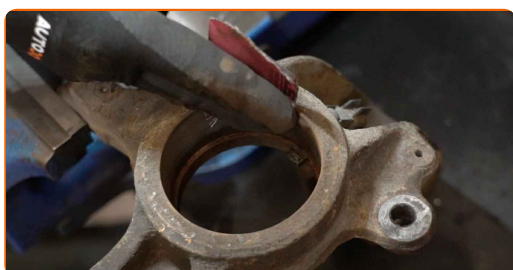
Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.



**36** Remove the hub and the bearing together, since they are a sealed unit. Use a bush and bearing driver set.



**37** Clean the wheel hub mounting seat. Use a wire brush. Use WD-40 spray.



**38** Install the new wheel hub with a bearing. Use a bush and bearing driver set.

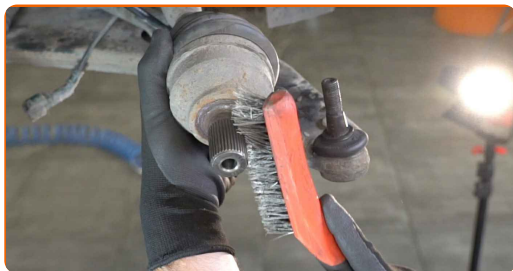


**Replacement: wheel bearing – FORD Focus II Hatchback (DA\_, HCP, DP). Tip from AUTODOC:**

- Make sure that the wheel hub is positioned correctly. Avoid any misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

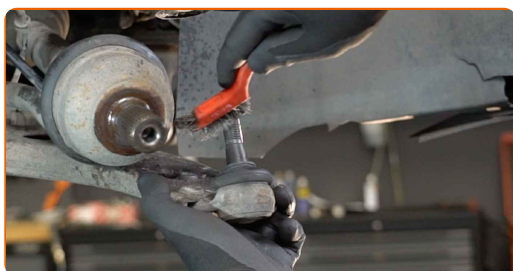
39

Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



40

Clean the fasteners connecting the shock strut to the steering knuckle. Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



41

Install the steering knuckle with a hub in assembly.

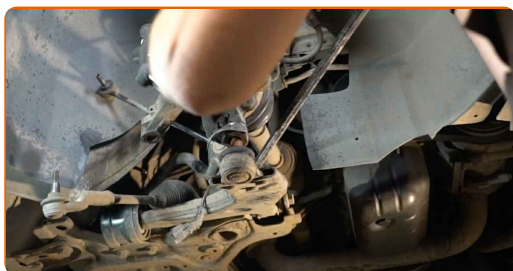


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Install the drive shaft.

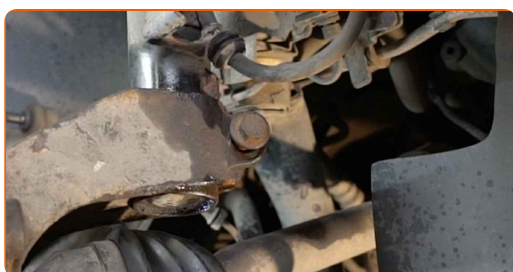


**43** Connect the ball joint to the steering knuckle. Use a crowbar.

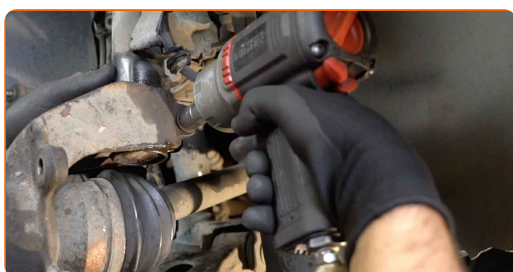


**44** Fix the shock absorber strut on the steering knuckle.

**45** Install the fastening bolt.

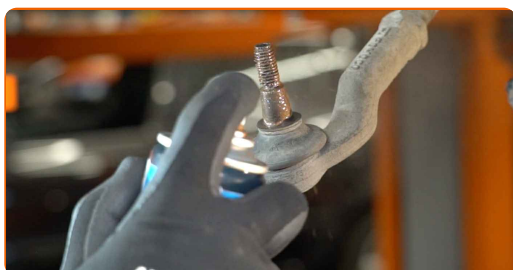


**46** Screw in the fastener that connects the shock strut to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



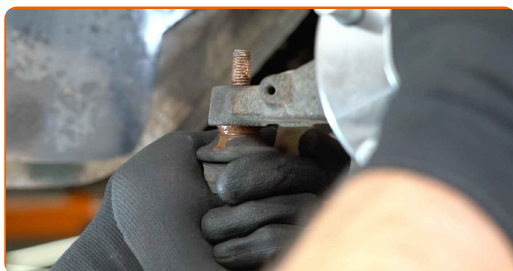
**47** Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #21.

**48** Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



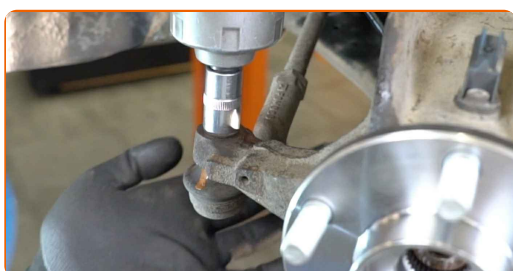
49

Connect the tie rod end to the steering knuckle.



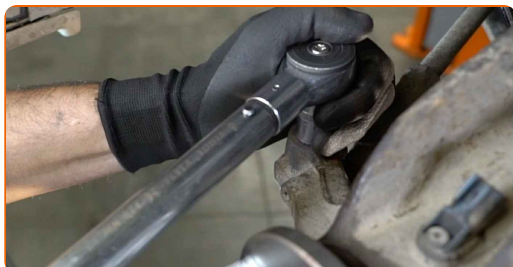
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Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #15. Use a ratchet wrench.



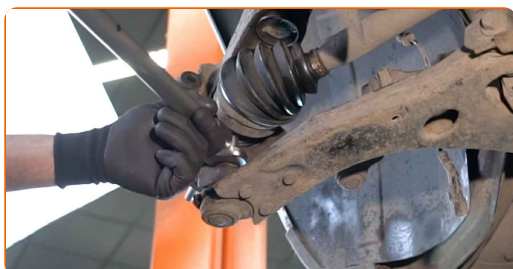
51

Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #15. Use a torque wrench. Tighten it to 48 Nm torque.



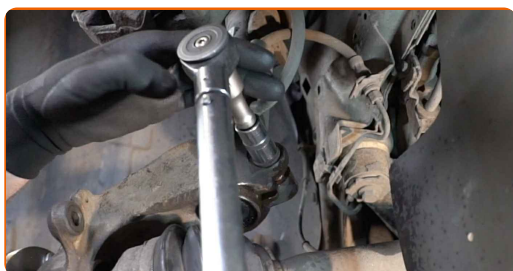
52

Tighten the ball joint fastener. Use a combination spanner #21. Use a torque wrench. Tighten it to 70 Nm torque.

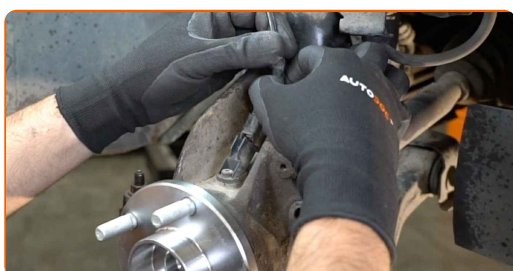




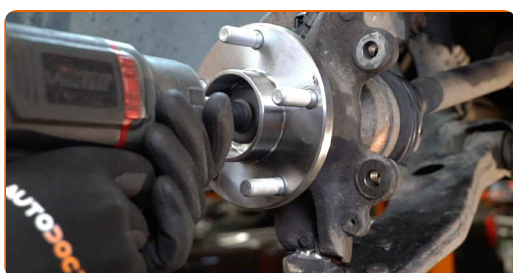
- 53** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #15. Use a torque wrench. Tighten it to 90 Nm torque.



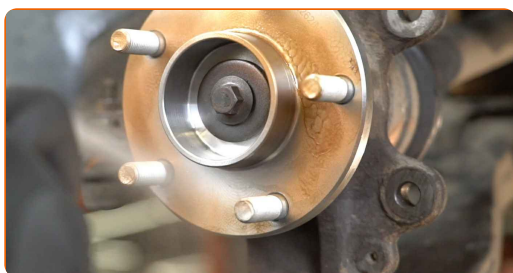
- 54** Attach the ABS sensor connector.



- 55** Install and tighten the drive shaft bolt. Use a drive socket #12. Use a ratchet wrench.



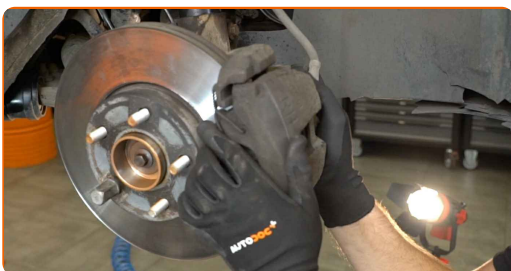
- 56** Clean the hub. Treat the contacting surface. Use copper grease.



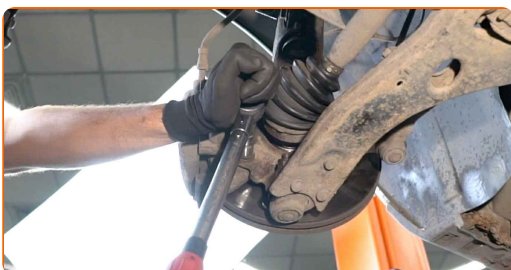
**57** Install the brake disc.



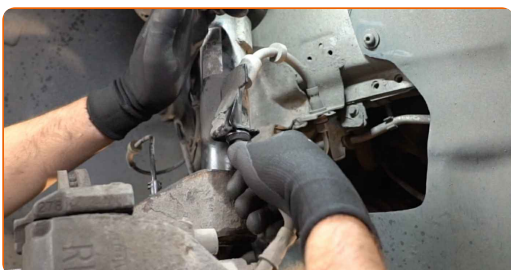
**58** Install the brake caliper together with its bracket.



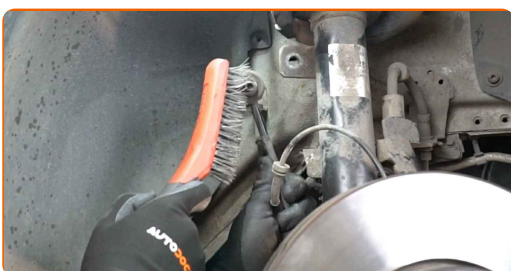
**59** Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 90 Nm torque.



**60** Attach the brake hose.



**61** Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.

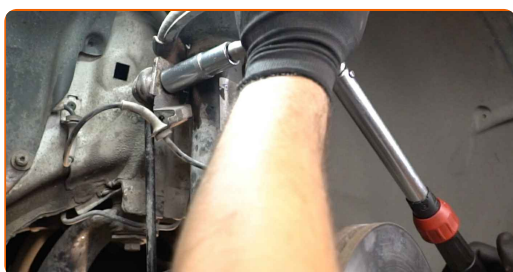


**62** Install the transverse stabilizer link.

**63** Connect the ABS sensor wiring.



**64** Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a torque wrench. Tighten it to 48 Nm torque.



**65** Treat the shock strut fasteners. Treat the fastener connecting the tie rod end to the steering knuckle. Treat the fasteners of the ball joint. Use copper grease.

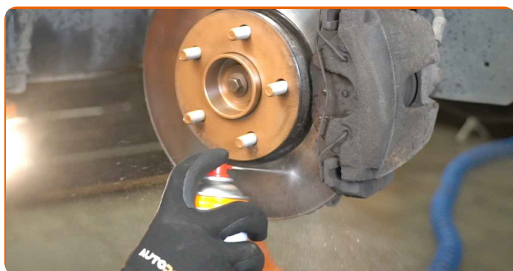


**66** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



67

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: wheel bearing – FORD Focus II Hatchback (DA\_, HCP, DP). After applying the spray, wait a few minutes.

68

Install the wheel.

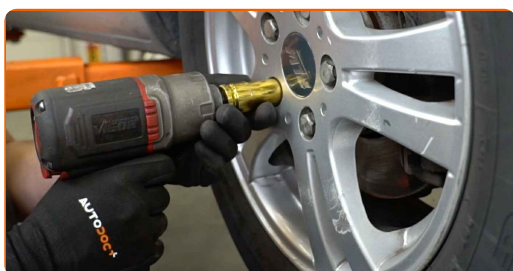


**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD Focus II Hatchback (DA\_, HCP, DP)

69

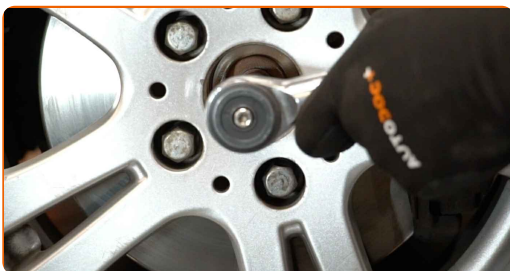
Screw in the wheel bolts. Use wheel impact socket #19.



**70** Lower the car.



**71** Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #12. Use a torque wrench. Tighten it to 45 Nm torque.+90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

**72** Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #19. Use a torque wrench. Tighten it to 120 Nm torque.



73

Remove the jacks and chocks.



**WELL DONE!** 

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