



How to change front  
lower arm on **DS DS 3** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **Important!**

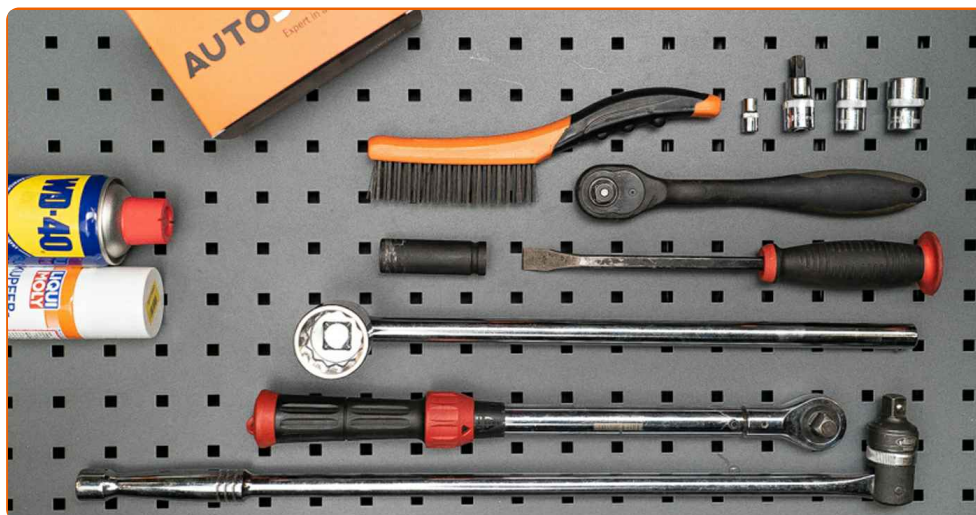
This replacement procedure can be used for:

DS DS 3 1.2 VTi 82, DS DS 3 1.2 THP 110, DS DS 3 1.6 THP 165, DS DS 3 1.6 BlueHDi 100, DS DS 3 1.6 BlueHDi 120, DS DS 3 1.2 THP 130, DS DS 3 1.6 BlueHDi 75, DS DS 3 1.6 THP 208, DS DS 3 1.6 THP 156, DS DS 3 1.6 Vti, DS DS 3 1.6 THP, DS DS 3 1.6 e-HDi 92, DS DS 3 1.6 BlueHDi 116

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: PEUGEOT 208 I Hatchback (CA\_, CC\_) 1.2

REPLACEMENT: FRONT LOWER ARM – DS DS 3. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torx bit T55
- Drive socket # E8
- Drive socket # 16
- Drive socket # 18
- Drive socket # 32
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

**Replacement: front lower arm – DS DS 3. Tip:**

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

**REPLACEMENT: FRONT LOWER ARM – DS DS 3. USE THE FOLLOWING PROCEDURE:**

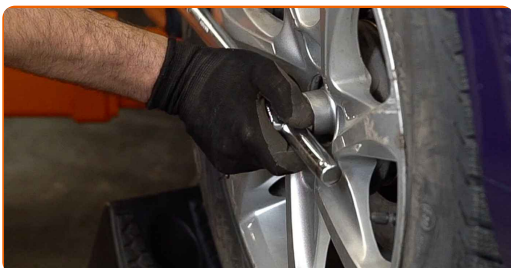
**1** Secure the wheels with chocks.



**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**3** Loosen the fastener of the driveshaft. Use a drive socket #32. Use a tap wrench.



**4** Raise the front of the car and secure on supports.

**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. DS DS 3

**6** Remove the wheel.



**7** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



**8** Unscrew the ball joint fastening to the steering knuckle. Use a drive socket #E8. Use a drive socket #18. Use a ratchet wrench.



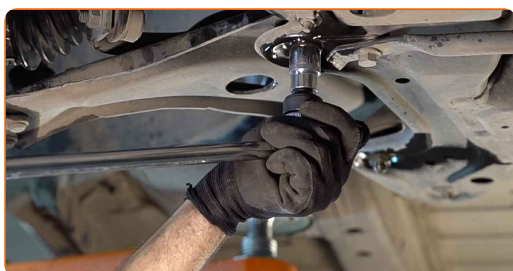
**9** Remove the fastening bolt.



**10** Loosen the rear fastener of the control arm. Use a drive socket #18. Use a tap wrench.

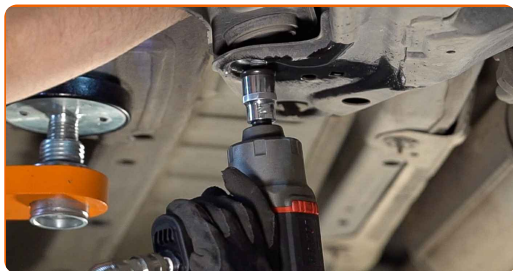


**11** Loosen the front fastener of the control arm. Use a drive socket #18. Use a tap wrench.



12

Unscrew the rear arm fastener. Use Torx T55. Use a drive socket #18. Use a ratchet wrench.



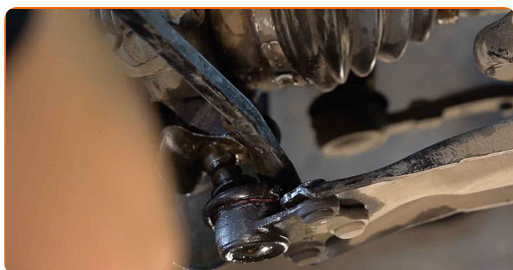
13

Remove the fastening bolt.



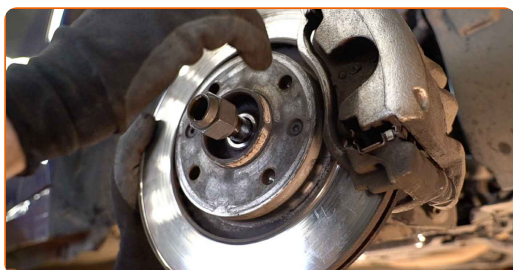
14

Disconnect the ball joint from the steering knuckle. Use a crowbar.



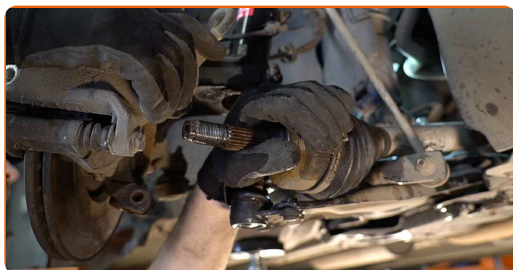
15

Unscrew the fastener connecting the drive shaft to the wheel hub.

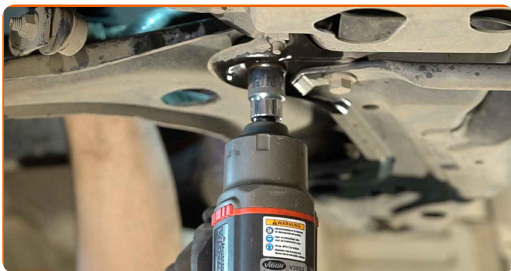


16

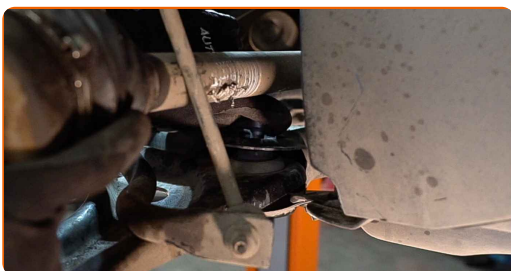
Detach the driveshaft from the steering knuckle.



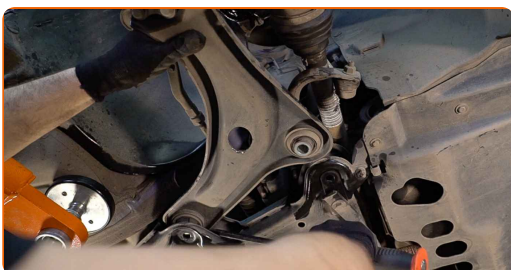
**17** Unscrew the front arm fastener. Use Torx T55. Use a drive socket #18. Use a ratchet wrench.



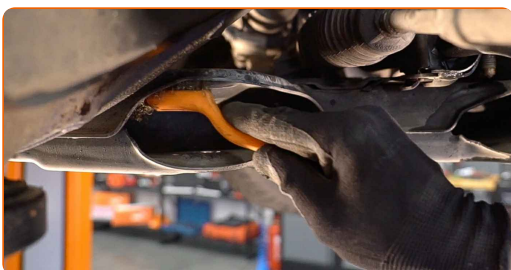
**18** Remove the fastening bolt.



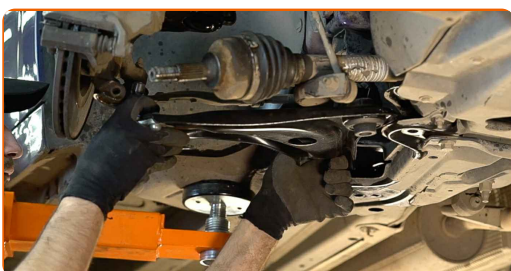
**19** Remove the arm. Use a crowbar.



**20** Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



**21** Install a new arm.



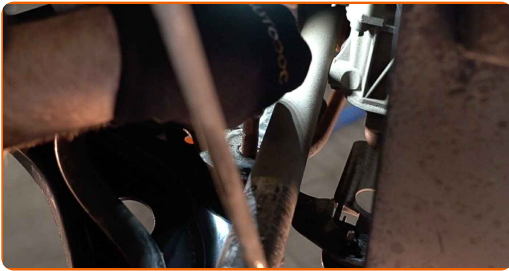


Replacement: front lower arm – DS DS 3. AUTODOC recommends:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

22

Install the control arm fasteners.



23

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



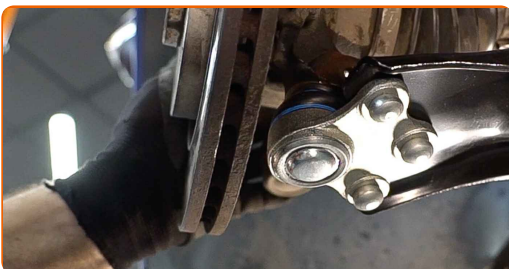
24

Mount the drive shaft into the wheel hub.



25

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



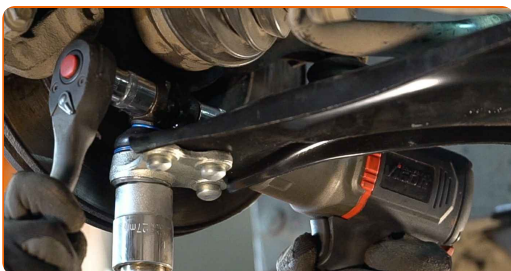
**26** Support the arm. Use a hydraulic transmission jack.



**27** Install the fastening bolt.



**28** Screw the fastener connecting the ball joint to the steering knuckle. Use a drive socket #16. Use a drive socket #E8. Use a ratchet wrench.



**29** Screw the rear arm fastener. Use a drive socket #18.

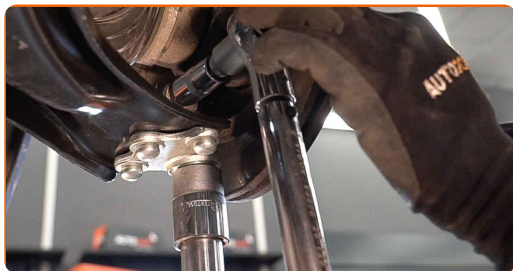


**30** Screw the front arm fastener. Use a drive socket #18.



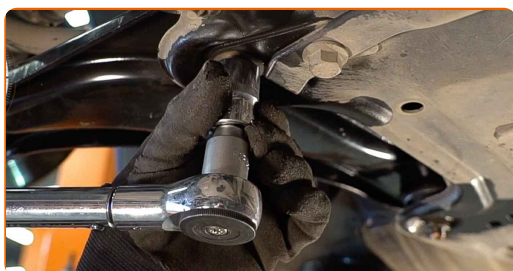
31

Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.



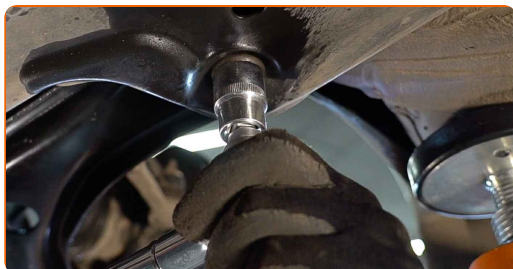
32

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 120 Nm torque.



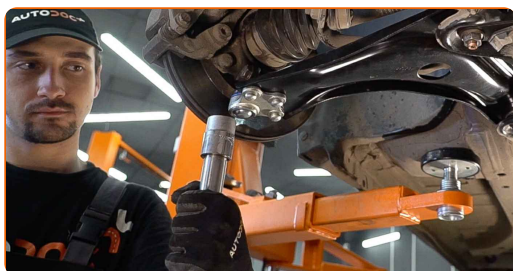
33

Tighten the rear fastener of the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 120 Nm torque.



34

Remove the support from under the arm.



**AUTODOC recommends:**

- Replacement: front lower arm – DS DS 3. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**35**

Treat all joints of the arm. Use copper grease.



**36**

Screw the nut of the drive shaft.



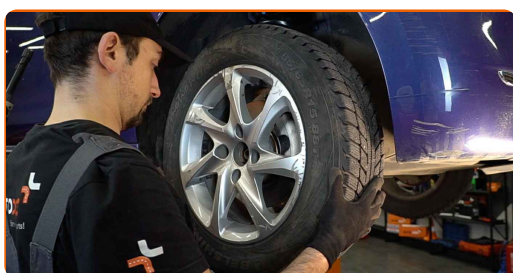
**37**

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



**38**

Install the wheel.



Replacement: front lower arm – DS DS 3. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

39

Screw in the wheel bolts. Use wheel impact socket #17.



40

Lower the car.

41

Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 245 Nm torque.



42

Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 100 Nm torque.



43

Remove the jacks and chocks.



**WELL DONE!** 

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