



How to change rear
suspension lower control
arm on **VW Passat 3C B6**
Variant – replacement
guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

VW Passat Saloon (362) 1.4 TSI, VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Saloon (362) 1.6 TDI, VW Passat Saloon (362) 2.0 TDI, VW Passat Saloon (362) 2.0 TDI 4motion, VW Passat Saloon (362) 1.4 TSI EcoFuel, VW Passat Variant (365) 1.4 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 1.6 TDI, VW Passat Variant (365) 2.0 TSI, VW Passat Variant (365) 2.0 TDI, VW Passat Variant (365) 2.0 TDI 4motion, VW Passat Variant (365) 1.4 TSI EcoFuel, VW TOURAN (1T3) 1.2 TSI, (+ 206)

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – VW PASSAT B6 3C VARIANT. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: rear suspension lower control arm – Passat 3C5. AUTODOC recommends:

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

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – VW PASSAT VARIANT B6. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



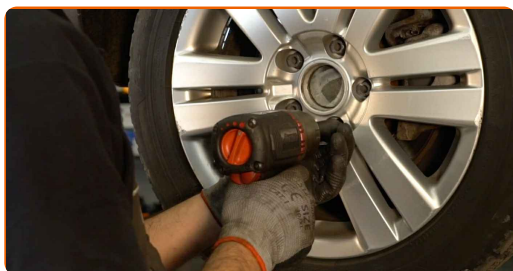
2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



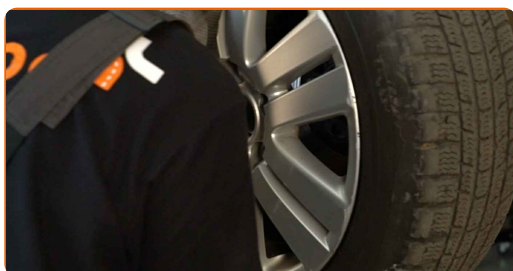
4 Unscrew the wheel bolts.



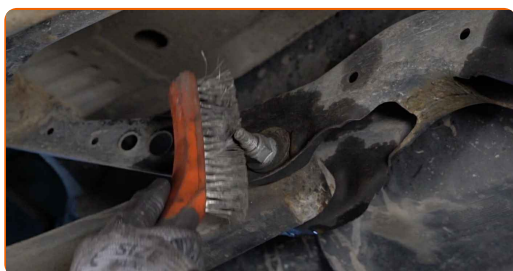
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Passat B6 3C Variant

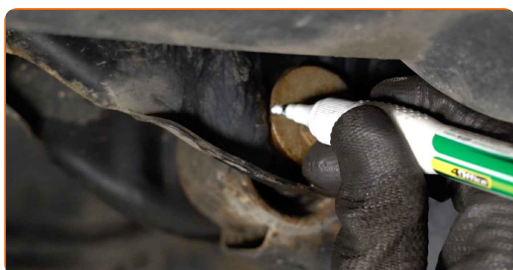
5 Remove the wheel.



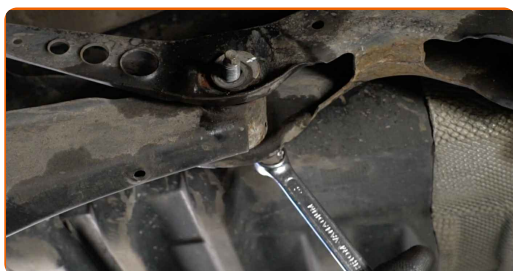
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



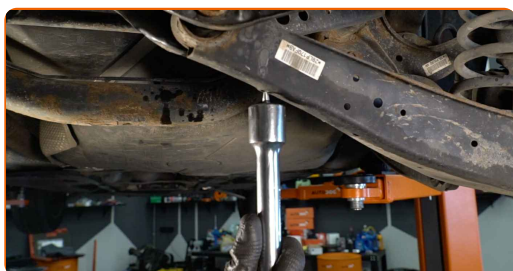
7 Make a mark on the camber adjustment bolt.



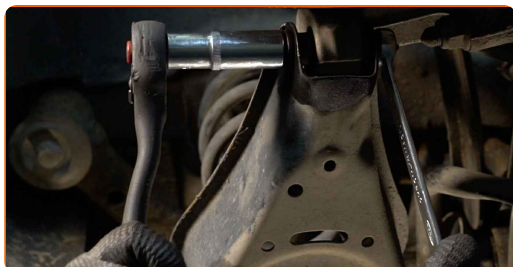
- 8 Unscrew the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



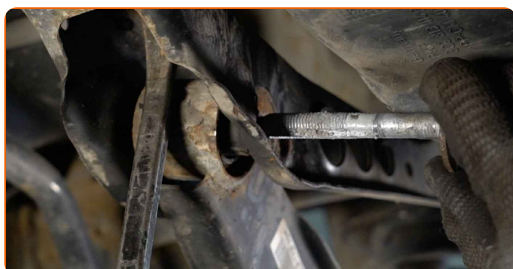
- 9 Support the arm. Use a hydraulic transmission jack.



- 10 Loosen the fastener that connects the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

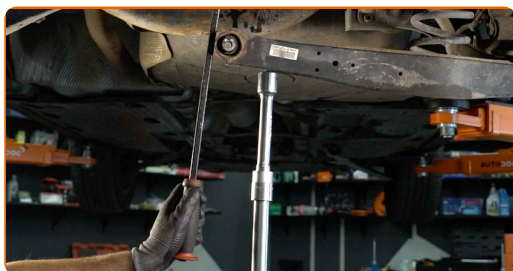


- 11 Remove the fastening bolt. Use a crowbar.



12

Remove the support from under the arm.

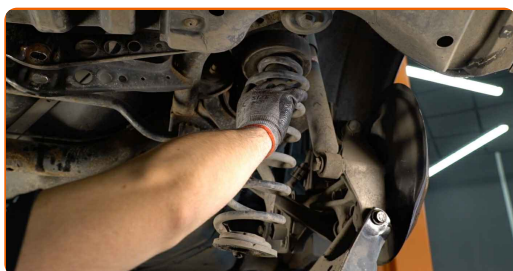


Replacement: rear suspension lower control arm – VW Passat 3C5. Tip:

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

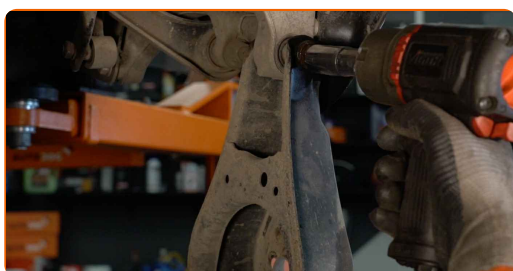
13

Remove the spring.

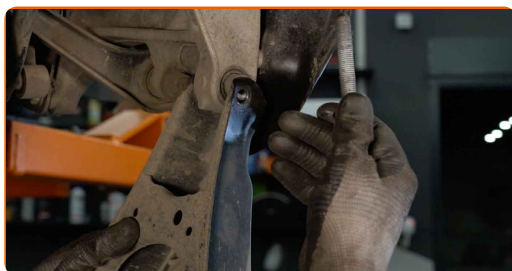


14

Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

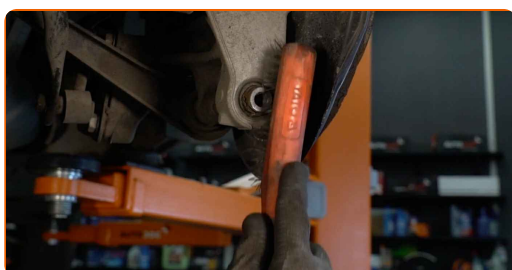


15 Remove the fastening bolt.

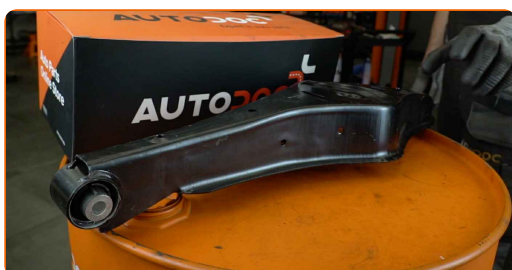


16 Remove the arm.

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



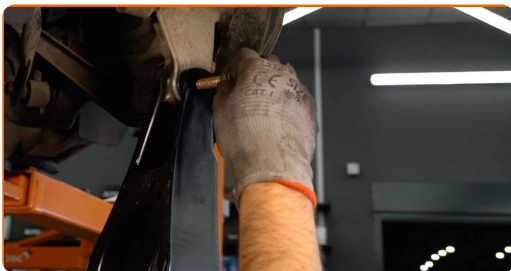
18 Install a new arm.



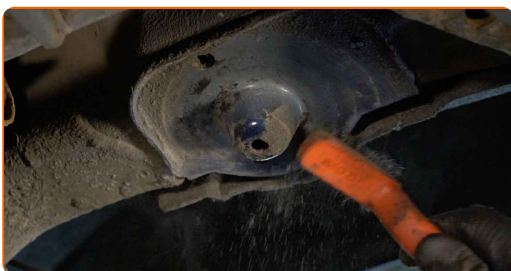
Replacement: rear suspension lower control arm – Passat B6 3C Variant. Tip from AUTODOC experts:

- During the installation process, use only new bolts and nuts.

19 Install the fastening bolt.



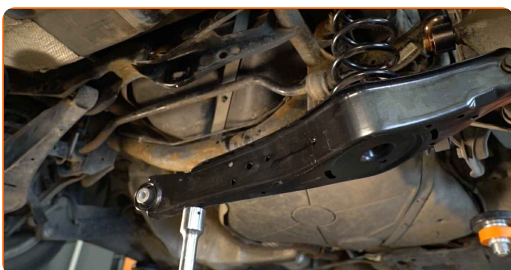
20 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



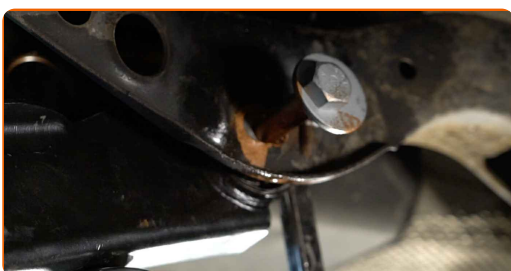
21 Install the coil spring together with the rubber mounts into the mounting seats.



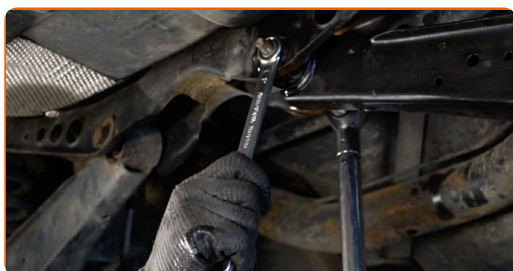
22 Support the arm. Use a crowbar. Use a hydraulic transmission jack.



23 Install the fastening bolt.



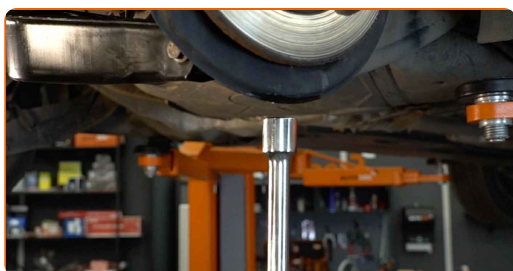
- 24** Screw in the fastener connecting the control arm to the rear subframe. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



Replacement: rear suspension lower control arm – VW Passat Variant B6.
 AUTODOC experts recommend:

- Adjust the position of the alignment bolt according to the mark.

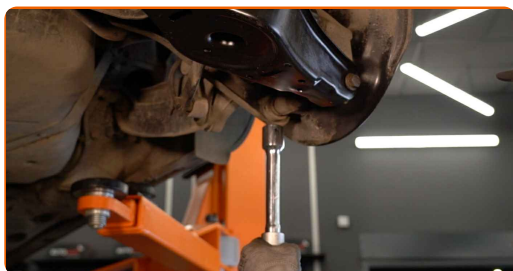
- 25** Remove the support from under the arm.



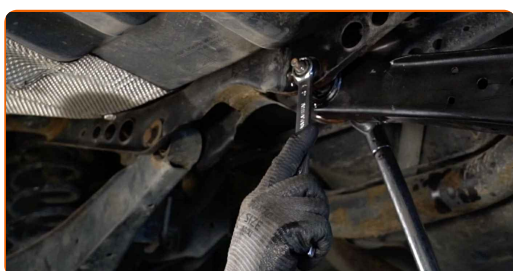
AUTODOC recommends:

- Replacement: rear suspension lower control arm – Passat 3C5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

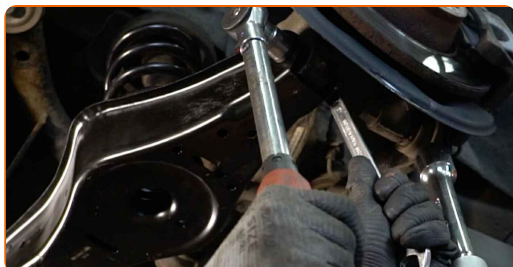
26 Support the stub axle. Use a hydraulic transmission jack.



27 Tighten the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 95 Nm torque.



28 Tighten the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°

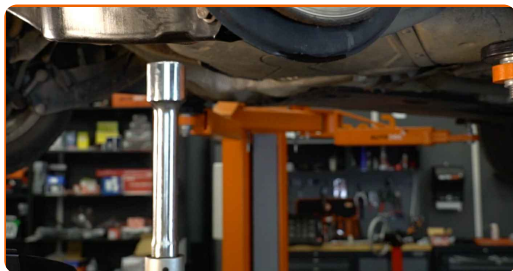


AUTODOC recommends:

- Important! Be sure to use new fasteners.

29

Remove the support from under the stub axle.

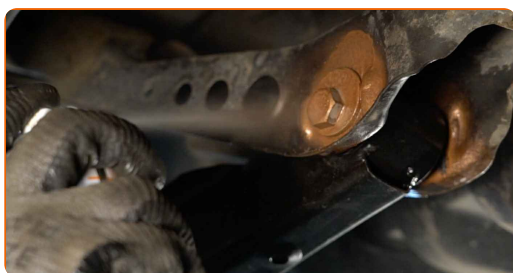


Replacement: rear suspension lower control arm – VW Passat B6 3C Variant.
Professionals recommend:

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

30

Treat all joints of the arm. Use copper grease.



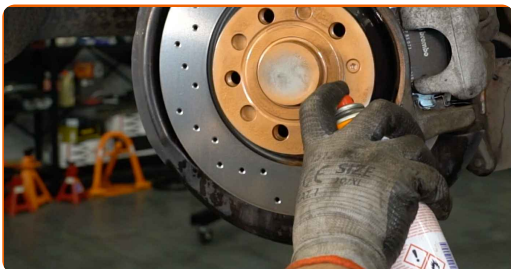
31

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



32

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: rear suspension lower control arm – Passat 3C5. After applying the spray, wait a few minutes.

33

Install the wheel.

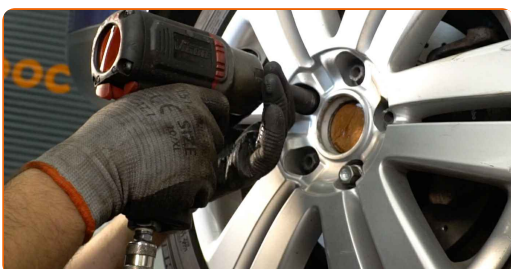


Replacement: rear suspension lower control arm – VW Passat 3C B6 Variant.
Tip from AUTODOC:

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

34

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



- 35** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 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 VW

CONTROL ARM: A WIDE SELECTION

CHOOSE CAR PARTS FOR VW PASSAT 3C B6 VARIANT

CONTROL ARM FOR VW: BUY NOW

CONTROL ARM FOR VW PASSAT 3C B6 VARIANT: 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.