



How to change front  
lower 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 TDI, VW Passat Variant (365) 2.0 TDI 4motion, VW Passat Variant (365) 1.4 TSI EcoFuel, VW Passat Variant (3C5) 2.0 TDI, VW SHARAN (7N1, 7N2) 2.0 TSI, (+ 65)

The steps may slightly vary depending on the car design.

## REPLACEMENT: FRONT LOWER ARM – VW PASSAT 3C5. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Drive socket # 16
- Drive socket # 18
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

**BUY TOOLS**

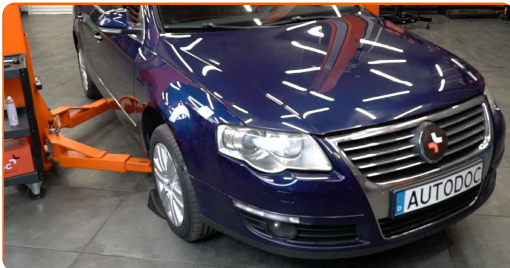
Replacement: front lower arm – Passat Variant B6. AUTODOC experts recommend:

- 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 – VW PASSAT B6 3C VARIANT. TAKE THE FOLLOWING STEPS:

1

Secure the wheels with chocks.



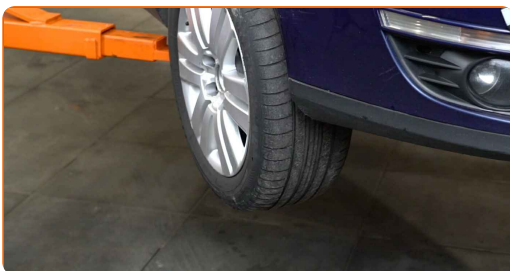
2

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



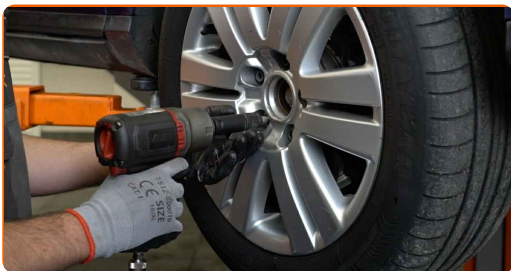
3

Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.

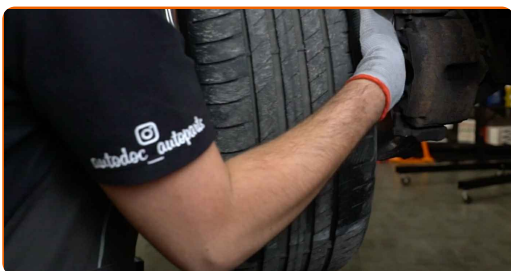


Replacement: front lower arm – Passat 3C5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

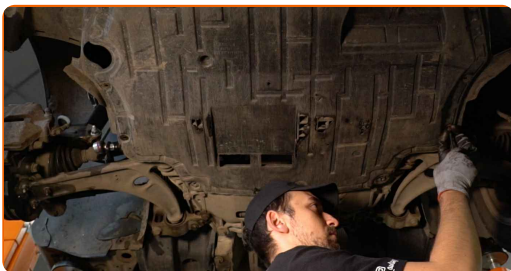
5

Remove the wheel.



6

Undo the fasteners of the oil pan lower cover. Use a drive socket #13. Use Torx T25. Use a ratchet wrench.



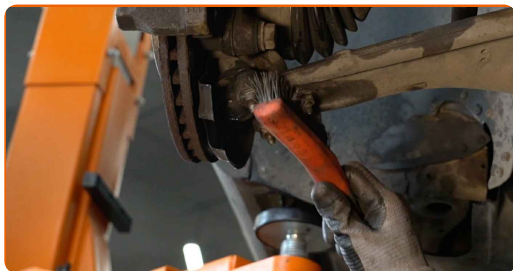
7

Remove the oil pan cover.



8

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

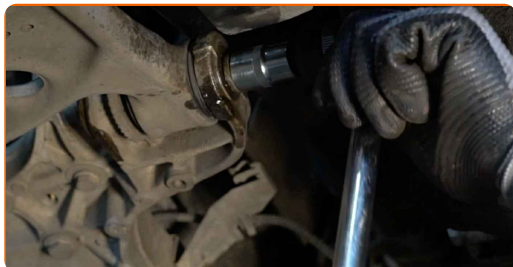


### AUTODOC recommends:

- Replacement: front lower arm – Passat B6 3C Variant. After applying the spray, wait a few minutes.
- Wear protective goggles.

9

Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.



10

Unscrew the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a tap wrench.



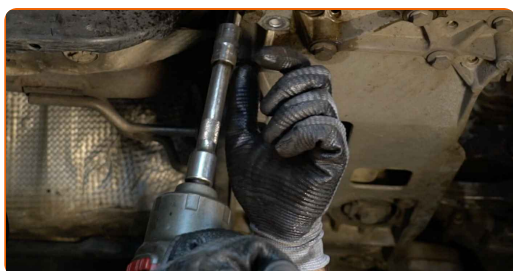
- 11** Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a tap wrench.



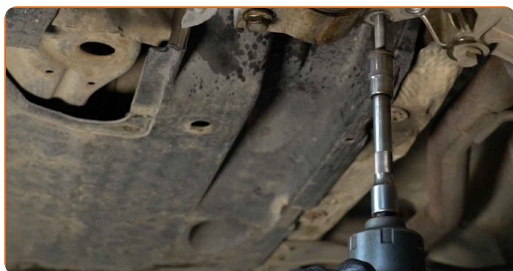
- 12** Remove the rear fastener of the control arm (2 pieces).



- 13** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a tap wrench.

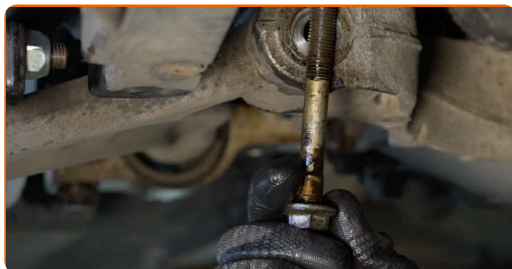


- 14** Remove the front fastener of the control arm.

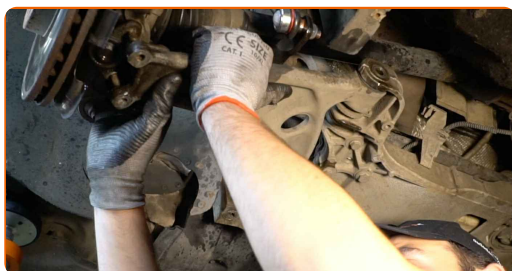




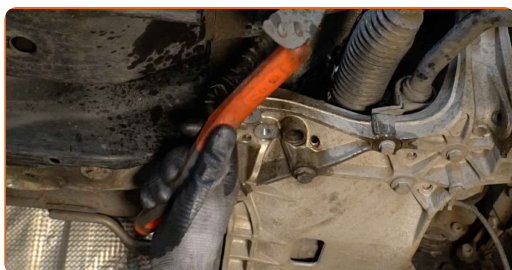
- 15** Remove the rear fastener of the control arm.



- 16** Remove the arm. Use a crowbar.



- 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. Use a crowbar.



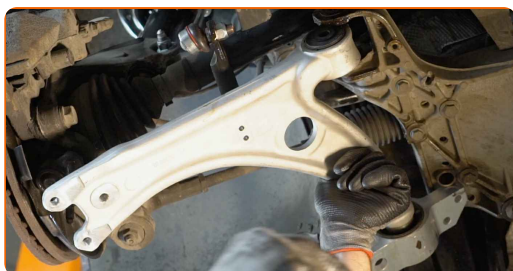


## Replacement: front lower arm – VW Passat Variant B6. AUTODOC recommends:

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

19

Install the front fastener of the arm.



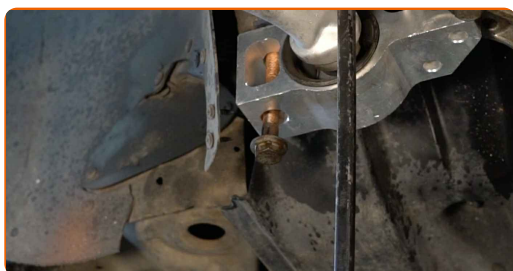
20

Screw the front arm fastener. Use a drive socket #18. Use a ratchet wrench.

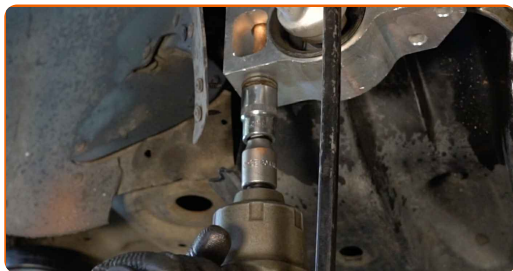


21

Install the rear fastener of the control arm (2 pieces).

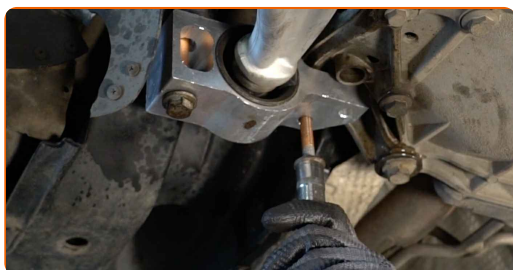


- 22 Screw the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a ratchet wrench.

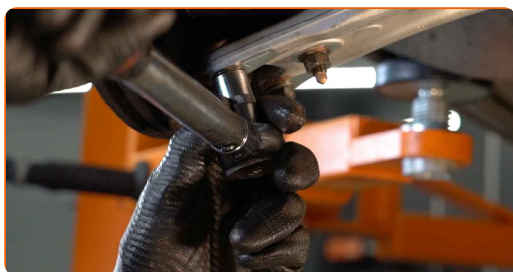


- 23 Install the rear fastener of the control arm.

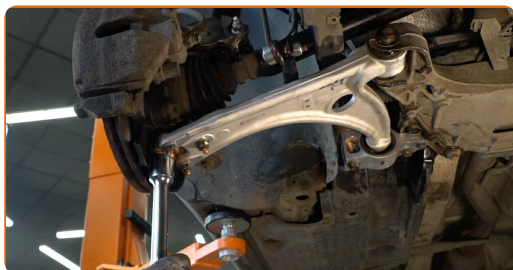
- 24 Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a ratchet wrench.



- 25 Tighten the fasteners of the ball joint. Use a drive socket #16. Use a torque wrench. Tighten it to 60 nm torque.



- 26 Prop up the steering knuckle. Use a hydraulic transmission jack.



27

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+180°



### AUTODOC recommends:

- Important! Be sure to use new fasteners.

28

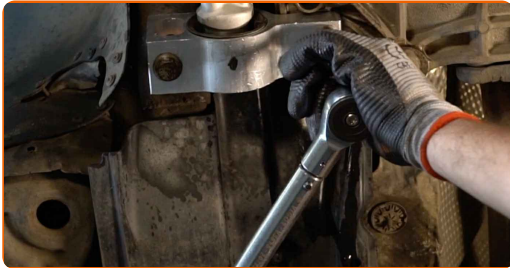
Tighten the rear fastener connecting the arm to the car body. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+180°



### Replacement: front lower arm – Passat 3C5. Tip from AUTODOC experts:

- Important! Be sure to use new fasteners.

- 29 Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+90°



### AUTODOC recommends:

- Important! Be sure to use new fasteners.

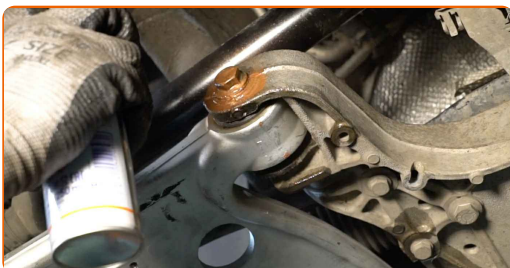
- 30 Remove the support from under the steering knuckle.



### AUTODOC recommends:

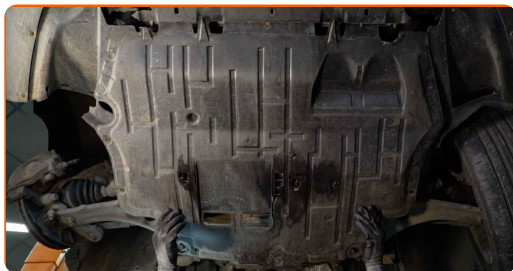
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

- 31 Treat all joints of the arm. Use copper grease.



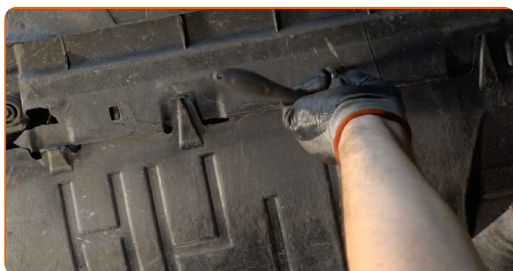
32

Reinstall the oil pan lower cover.



33

Tighten the fasteners of the oil pan lower cover. Use a drive socket #13. Use Torx T25. Use a ratchet wrench.



34

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



35

Clean the brake disk surface. Use a brake cleaner.

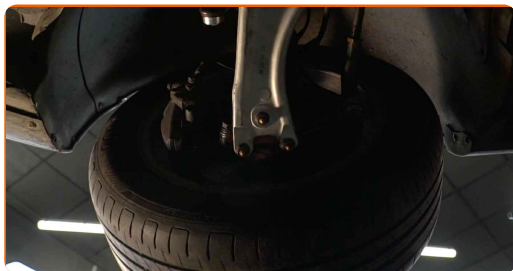


Replacement: front lower arm – Passat B6 3C Variant. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

36

Install the wheel.

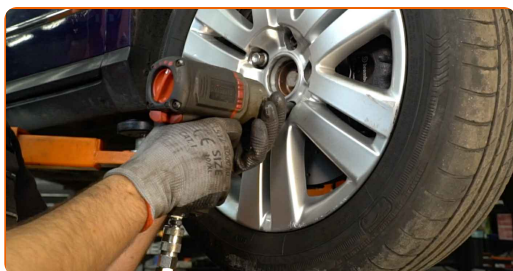


Replacement: front lower arm – VW Passat 3C B6 Variant. Professionals recommend:

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

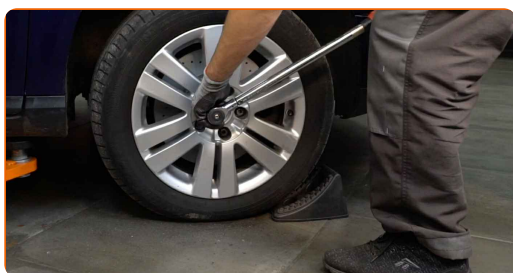
37

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



38

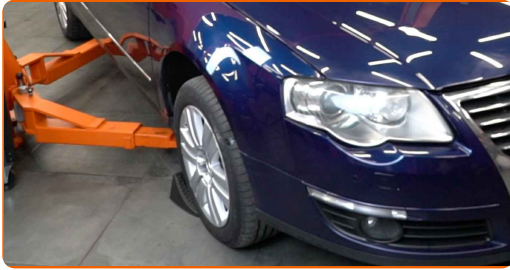
Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.





39

Remove the jacks and chocks.

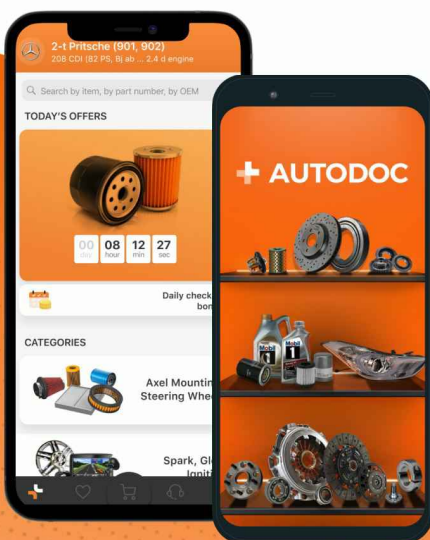


**WELL DONE!** 

**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.