



How to change front
lower arm on **FORD
MONDEO III (B5Y)** –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

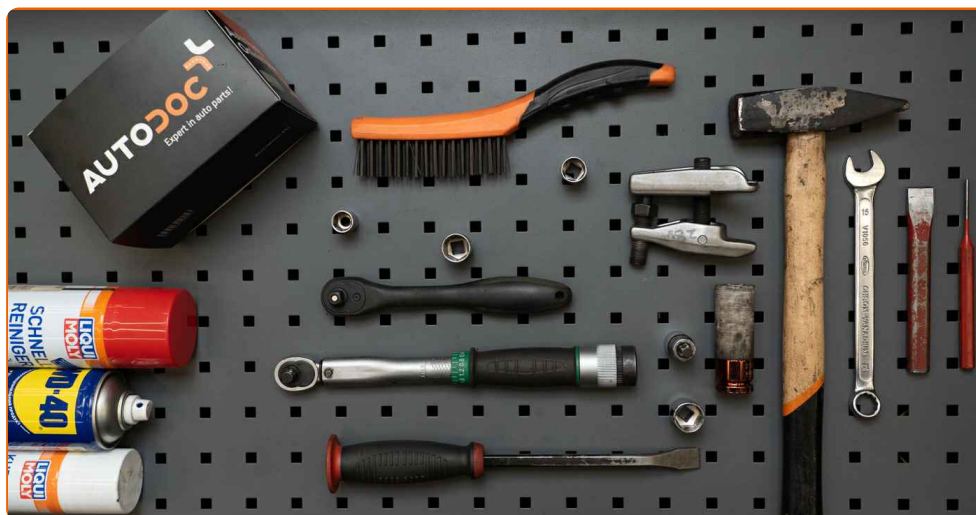
This replacement procedure can be used for:

FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III (B5Y) 2.5 V6 24V, FORD MONDEO III (B5Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 16V TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 TDCi, FORD MONDEO III (B5Y) 1.8 SCi, FORD MONDEO III (B5Y) 2.2 TDCi, FORD MONDEO III (B5Y) 3.0 V6 24V

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 MONDEO III Estate (BWY) 1.8 16V

REPLACEMENT: FRONT LOWER ARM – FORD MONDEO III (B5Y). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Drive socket # 10
- Drive socket # 15
- Drive socket # 18
- Drive socket # 21
- Torx bit T55
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Pin punch
- Flat Screwdriver
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: front lower arm – FORD MONDEO III (B5Y). AUTODOC recommends:

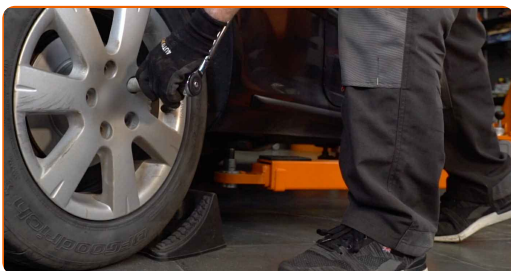
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – FORD MONDEO III (B5Y). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

4 Unscrew the wheel bolts.



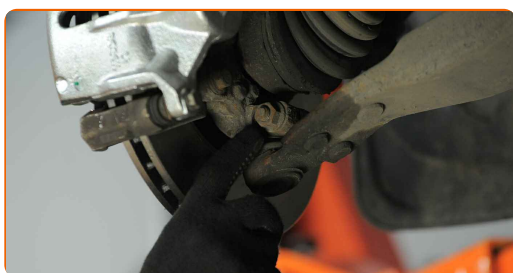
Replacement: front lower arm – FORD MONDEO III (B5Y). Tip:

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

5 Remove the wheel.



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

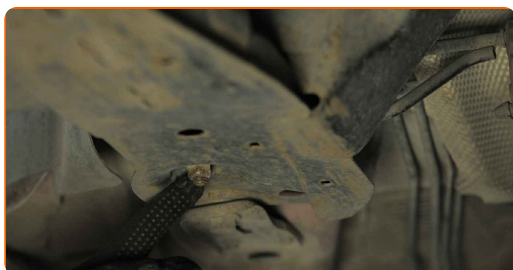


- 7 Unscrew the ball joint fastening to the steering knuckle. Use Torx T55. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.

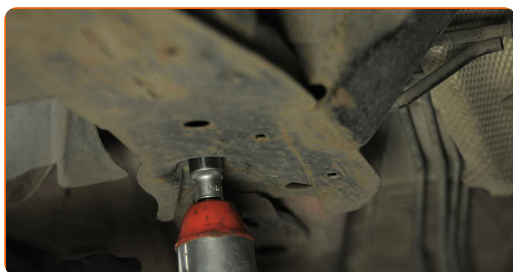


- 8 Remove the fastening bolt. Use a hammer.

- 9 Clean the fasteners connecting the control arm to the subframe. Use a wire brush. Use WD-40 spray.

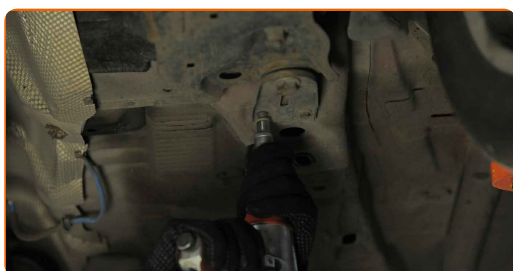


- 10 Unscrew the front arm fastener. Use a drive socket #15. Use a tap wrench.



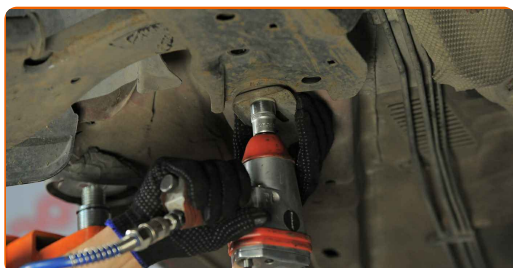
- 11 Disconnect the ball joint from the steering knuckle. Use a crowbar.

- 12 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #15. Use a drive socket #18. Use a ratchet wrench. Use a pin punch. Use a hammer.



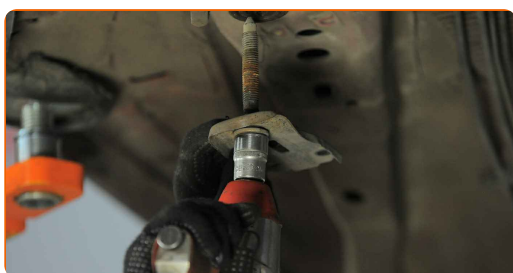
13 Remove the front fastener of the control arm. Use a crowbar.

14 Unscrew the fastener of the bracket that connects the control arm to the car body. Use a drive socket #10. Use a drive socket #21. Use a ratchet wrench.

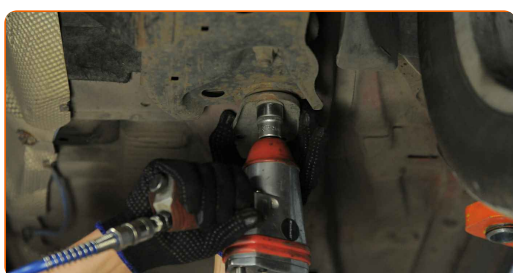


15 Remove the fastening bolts.

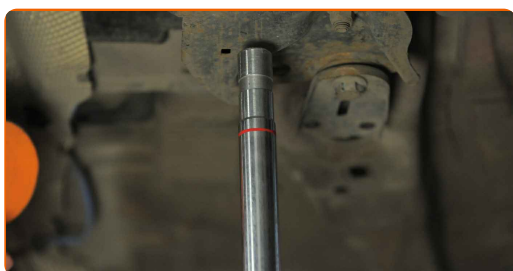
16 Dismantle the retainer.



17 Unscrew the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a ratchet wrench.

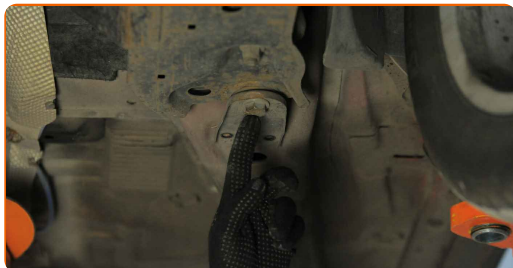


18 Support the arm. Use a hydraulic transmission jack.



19 Remove the fastening bolt.

20 Dismantle the retainer. Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – FORD MONDEO III (B5Y). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

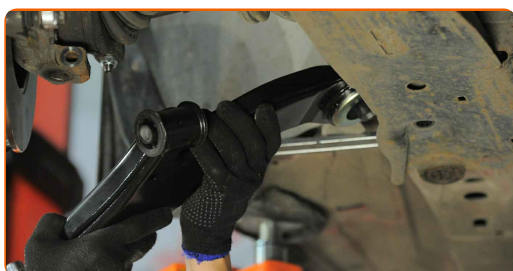
21 Remove the rear fastener of the control arm. Use a crowbar.

22 Remove the arm.



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

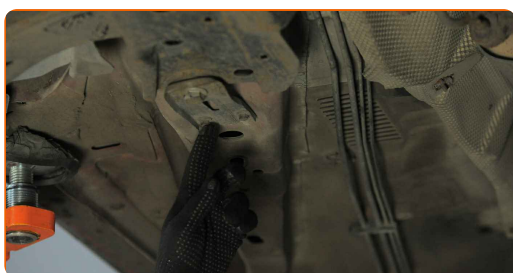
24 Install a new arm.



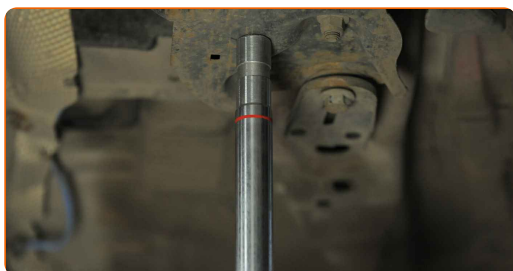
Replacement: front lower arm – FORD MONDEO III (B5Y). AUTODOC experts recommend:

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

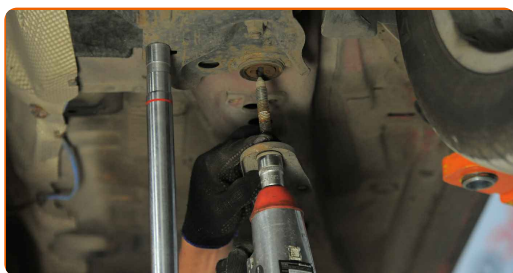
25 Install the rear fastener of the control arm. Use a crowbar.



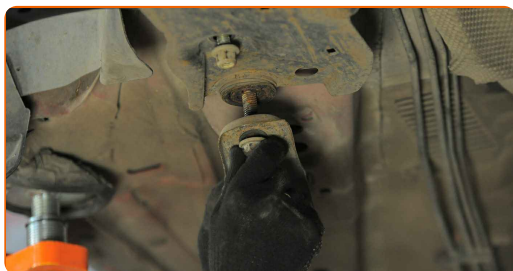
26 Support the arm. Use a hydraulic transmission jack.



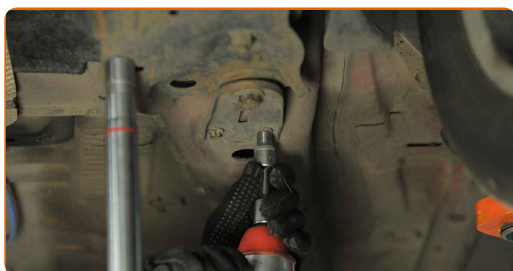
27 Install the bracket onto the new arm.



28 Install the fastening bolt.

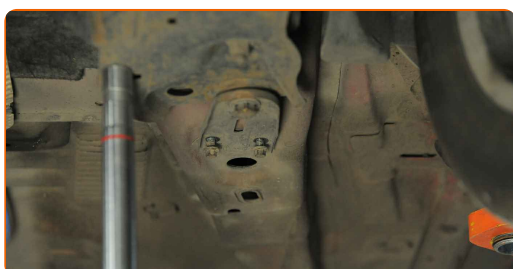


- 29** Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a torque wrench. Observe the recommended tightening torque.

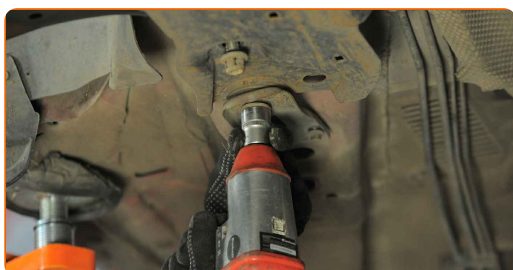


- 30** Install the bracket onto the new arm.

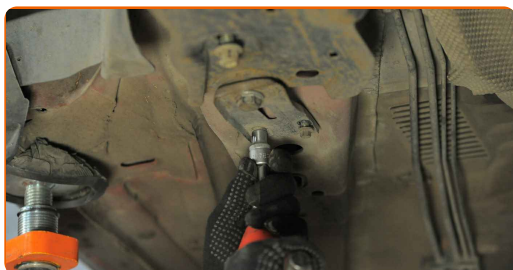
- 31** Install the fastening bolts.



- 32** Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a torque wrench. Observe the recommended tightening torque.



- 33** Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #10. Use a torque wrench. Observe the recommended tightening torque.



34 Remove the support from under the arm.

AUTODOC recommends:

- FORD MONDEO III (B5Y) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

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



36 Install the fastening bolt. Use a hammer.

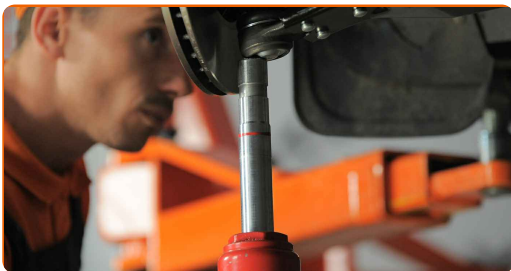
37 Install the front fastener of the arm. Use a flat screwdriver.



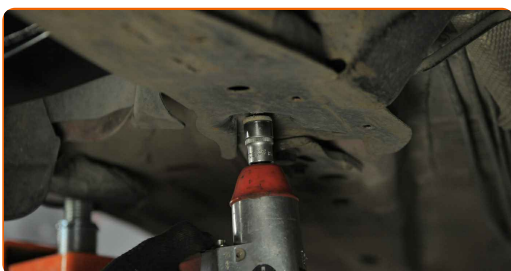
38 Screw the front arm fastener. Use a drive socket #15. Use a ratchet wrench.



39 Support the arm. Use a hydraulic transmission jack.



40 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 80 Nm torque. +60°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

41 Remove the support from under the arm.



Replacement: front lower arm – FORD MONDEO III (B5Y). Tip from AUTODOC experts:

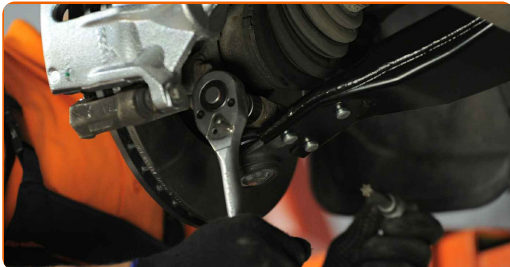
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

42 Tighten the rear fastener of the control arm. Use a combination spanner #15. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+60°

AUTODOC recommends:

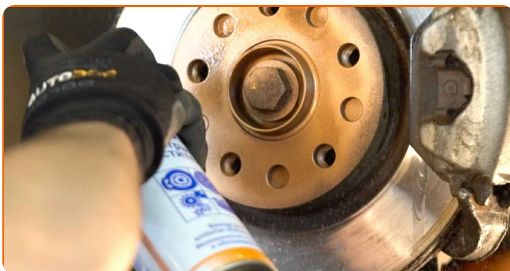
- Important! Be sure to use new fasteners.

43 Tighten the ball joint fastener. Use Torx T55. Use a drive socket #18. Use a torque wrench. Tighten it to 83 Nm torque.



44 Treat all joints of the arm. Use copper grease.

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



46

Clean the brake disk surface. Use a brake cleaner.

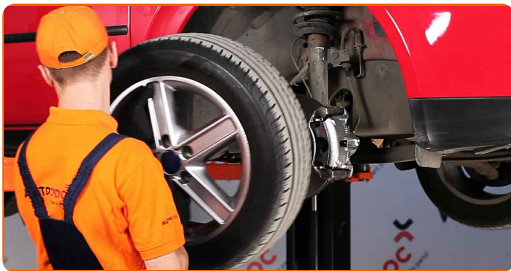


AUTODOC recommends:

- Replacement: front lower arm – FORD MONDEO III (B5Y). After applying the spray, wait a few minutes.

47

Install the wheel.



Replacement: front lower arm – FORD MONDEO III (B5Y). Tip from AUTODOC:

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

48

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

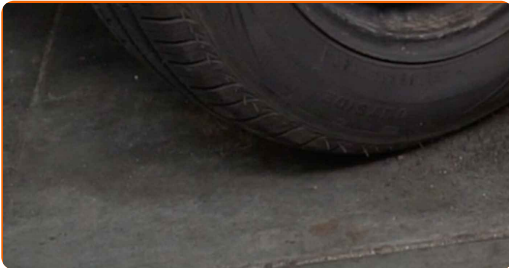


49

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 90 nm torque.

**50**

Remove the jacks and chocks.

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