



How to change front
lower arm on **VW New
Beetle Convertible (1Y7)**
– 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:

VW New Beetle Convertible (1Y7) 1.6, VW New Beetle Convertible (1Y7) 2.0, VW New Beetle Convertible (1Y7) 1.9 TDI, VW New Beetle Convertible (1Y7) 1.4, VW New Beetle Convertible (1Y7) 1.8 T, VW New Beetle Convertible (1Y7) 2.5

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: VW Golf IV Hatchback (1J1) 1.6

REPLACEMENT: FRONT LOWER ARM – VW NEW BEETLE CONVERTIBLE (1Y7). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 13
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: front lower arm – VW New Beetle Convertible (1Y7). Tip from AUTODOC:

- 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 NEW BEETLE CONVERTIBLE (1Y7). RECOMMENDED SEQUENCE OF STEPS:

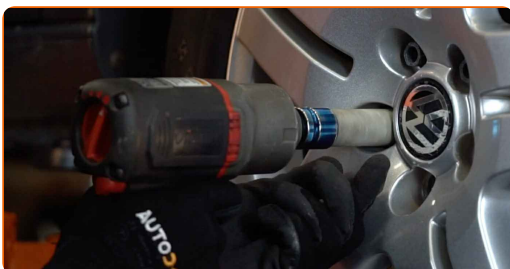
1 Secure the wheels with chocks.

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.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW New Beetle Convertible (1Y7)

5

Remove the wheel.



6

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



AUTODOC recommends:

- Replacement: front lower arm – VW New Beetle Convertible (1Y7). After applying the spray, wait a few minutes.
- Wear protective goggles.

- 7** Unscrew the fastener connecting the stabilizer bar with the control arm. Use a drive socket #16. Use a tap wrench.



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



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



- 10** Unscrew the rear arm fastener. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.



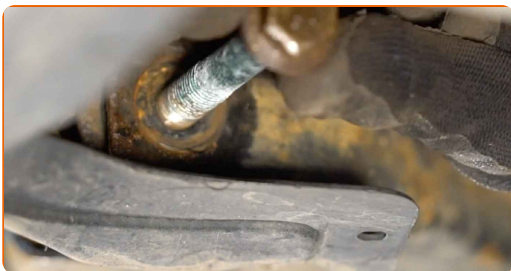
- 11 Remove the rear fastener of the control arm.



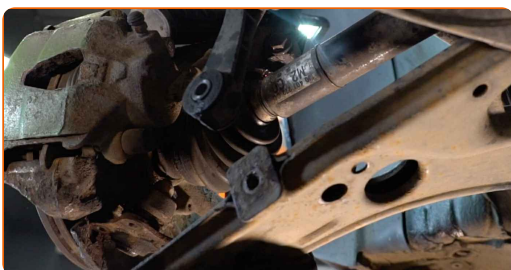
- 12 Unscrew the front arm fastener. Use a drive socket #18. Use a ratchet wrench.



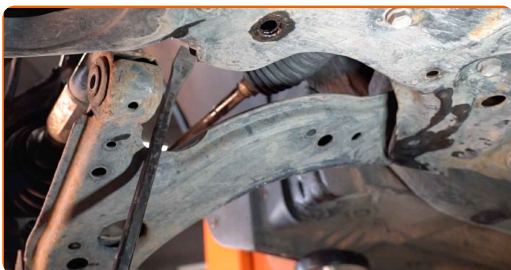
- 13 Remove the front fastener of the control arm.



- 14 Disconnect the spherical joint from the arm.



- 15 Remove the arm. Use a crowbar.



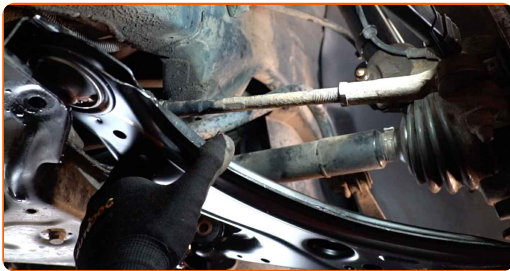
16

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



17

Install a new arm.

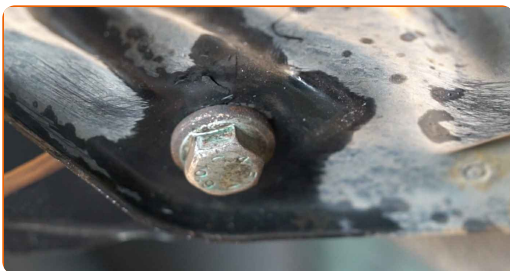


Replacement: front lower arm – VW New Beetle Convertible (1Y7). AUTODOC experts recommend:

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

18

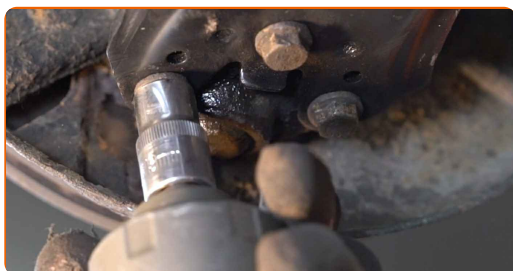
Install the control arm fasteners.



19 Attach the ball joint to the control arm.



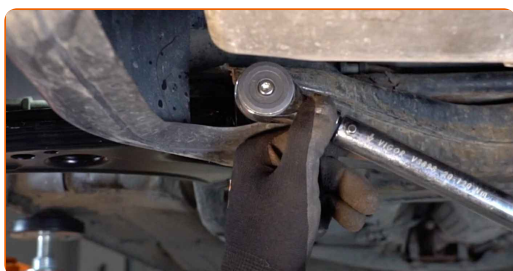
20 Screw the fasteners of the ball joint. Use a drive socket #13. Use a ratchet wrench.



21 Support the arm. Use a hydraulic transmission jack.



22 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. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 23** Tighten the rear fastener of the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

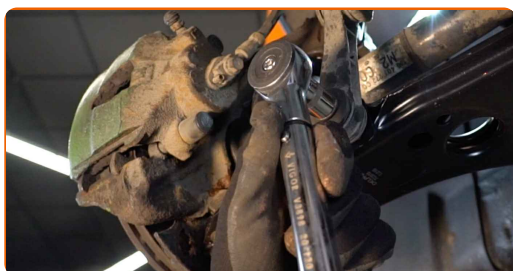
- 24** Remove the support from under the arm.



AUTODOC recommends:

- VW New Beetle Convertible (1Y7) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 25** Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #16. Use a torque wrench. Tighten it to 15 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

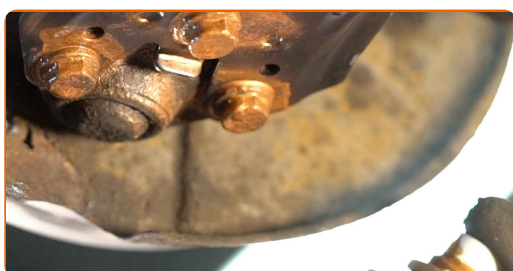
- 26** Tighten the ball joint fastener. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 27** Treat all joints of the arm. Use copper grease.



28

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



29

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – VW New Beetle Convertible (1Y7). After applying the spray, wait a few minutes.

30

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW New Beetle Convertible (1Y7)

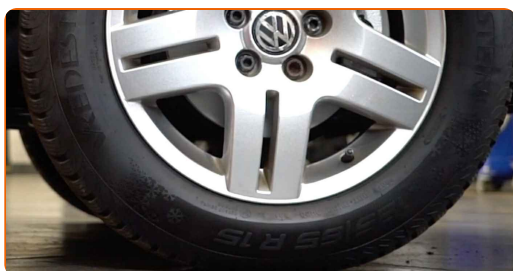
31 Screw in the wheel bolts. Use wheel impact socket #17.



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



33 Remove the jacks and chocks.



WELL DONE! 

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