



How to change front  
brake caliper on **OPEL**  
**Combo C Tour** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

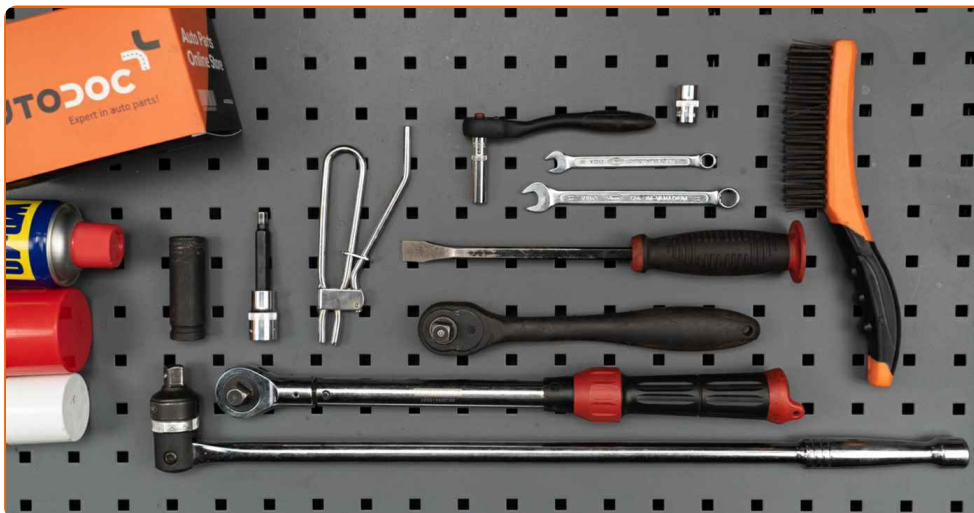
This replacement procedure can be used for:

OPEL Combo C Tour 1.6, OPEL Combo C Tour 1.7 DI 16V, OPEL Combo C Tour 1.7 DTI 16V, OPEL Combo C Tour 1.4, OPEL Combo C Tour 1.3 CDTI 16V, OPEL Combo C Tour 1.6 CNG, OPEL Combo C Tour 1.7 CDTI 16V

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: OPEL Zafira B (A05) 1.8 (M75)

**REPLACEMENT: BRAKE CALIPER – OPEL COMBO C  
TOUR. TOOLS YOU NEED:**



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #8
- Combination spanner #11
- Drive socket # 8
- Drive socket # 11
- HEX bit no.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Fluid container
- Brake bleeder kit
- Brake hose clip
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake caliper – OPEL Combo C Tour. Tip from AUTODOC experts:

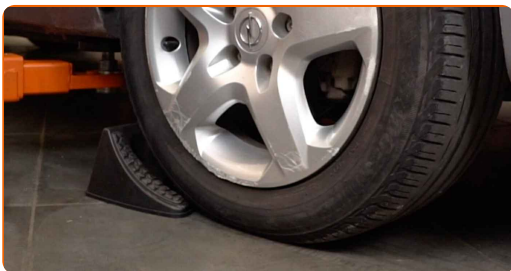
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE CALIPER – OPEL COMBO C TOUR. RECOMMENDED SEQUENCE OF STEPS:**

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.



**2** Secure the wheels with chocks.



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



**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. OPEL Combo C Tour

**6** Remove the wheel.



**7** Put a container for gathering brake fluid beneath.



- 8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



Replacement: brake caliper – OPEL Combo C Tour. AUTODOC recommends:

- After applying the spray, wait a few minutes.

- 9 Clamp the brake hose off using a brake hose clamp.



- 10 Unscrew the brake hose from the brake caliper. Use a drive socket #11. Use a ratchet wrench.



**11** Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



**12** Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



**13** Spread the brake pads. Use a crowbar.



**14** Pull aside the brake caliper retaining spring. Use a crowbar.



**15** Unscrew the brake hose from the brake caliper. Use a drive socket #11.



**16** Disconnect the brake hose.



**17** Remove the brake caliper.



Replacement: brake caliper – OPEL Combo C Tour. AUTODOC experts recommend:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.



**18** Remove the brake pads.



**19** Treat the brake hose. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – OPEL Combo C Tour. After applying the spray, wait a few minutes.

**20** Install the brake pads.



**Replacement: brake caliper – OPEL Combo C Tour. Professionals recommend:**

- If going to use the old brake pads, clean them.

21

Install the brake caliper and fix it. Use HEX No.H7. Use a ratchet wrench.



22

Install and fix the brake hose into a new caliper. Use a drive socket #11. Use a ratchet wrench.



23

Snap the brake caliper retaining spring back into place. Use a crowbar.



24

Tighten the brake hose fastener. Use a combination spanner #11. Use a torque wrench. Tighten it to 40 Nm torque.



25

Treat the brake hose. Use a brake cleaner.

Replacement: brake caliper – OPEL Combo C Tour. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

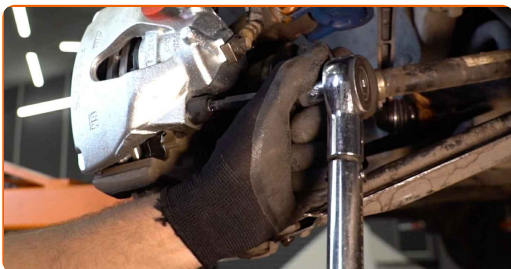
26

Remove the brake hose clamp.



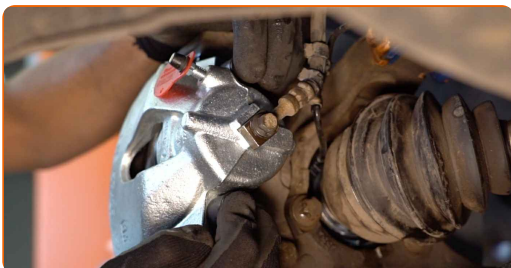
27

Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 28 Nm torque.



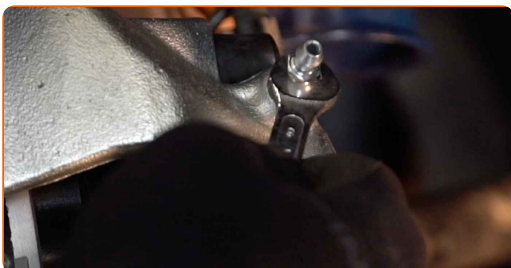
28

Install the dust boot caps of the brake caliper guide pins.



29

Undo the brake bleeder screw. Use a combination spanner #8.



**30** Connect the brake bleeder kit to the brake bleeder screw.



**31** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



**32** Tighten the brake bleeder screw. Use a combination spanner #8.



**33** Disconnect the brake bleeder kit.



**34** Tighten the brake caliper bleed screw. Use a drive socket #8. Use a torque wrench. Tighten it to 11 Nm torque.



**35** Clean dirt from the brake hose bolt. Use a brake cleaner.



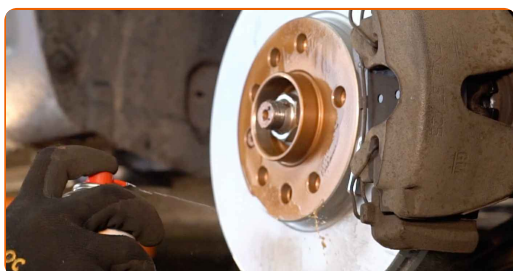
**AUTODOC recommends:**

- Replacement: brake caliper – OPEL Combo C Tour. After applying the spray, wait a few minutes.

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



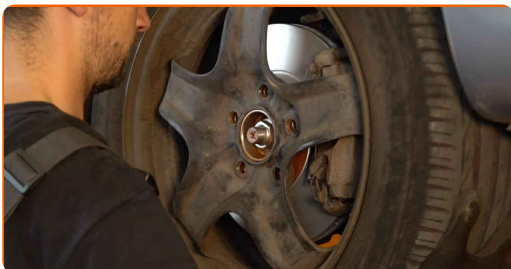
**37** Clean the brake disk surface. Use a brake cleaner.



**Replacement: brake caliper – OPEL Combo C Tour. Tip:**

- After applying the spray, wait a few minutes.

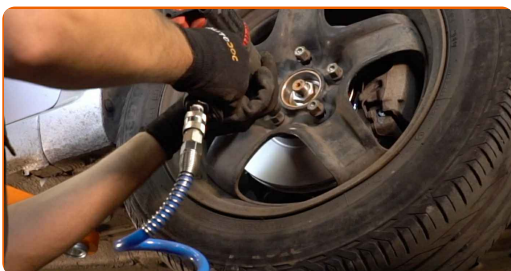
**38** Install the wheel.



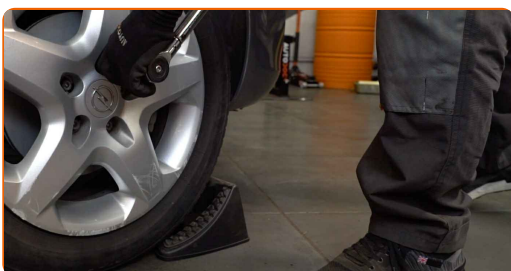
Replacement: brake caliper – OPEL Combo C Tour. AUTODOC recommends:

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

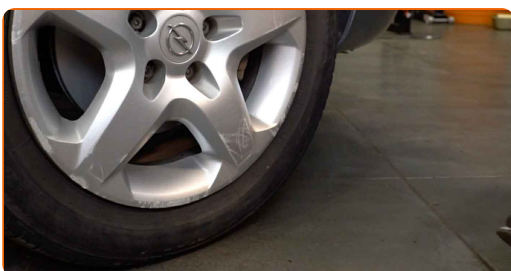
**39** Screw in the wheel bolts. Use wheel impact socket #17.



**40** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



**41** Remove the jacks and chocks.



## AUTODOC recommends:

- Important! Replacement: brake caliper – OPEL Combo C Tour. Check the brake fluid level in the reservoir and top up if necessary.

42

Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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**BRAKE CALIPER: A WIDE SELECTION**

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