



How to change front  
brake discs on **OPEL**  
**Kadett E Combo (T85)** –  
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 Kadett E Combo (T85) 1.3 N (C25, D25), OPEL Kadett E Combo (T85) 1.3 S (C25, D25), OPEL Kadett E Combo (T85) 1.6 (C25, D25), OPEL Kadett E Combo (T85) 1.6 D (C25, D25), OPEL Kadett E Combo (T85) 1.7 D (C25, D25), OPEL Kadett E Combo (T85) 1.4 S (C25, D25), OPEL Kadett E Combo (T85) 1.6 i (C25, D25), OPEL Kadett E Combo (T85) 1.4 i (C25, D25)

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 Corsa B Hatchback (S93) 1.4 i (F08, F68, M68)

REPLACEMENT: BRAKE DISCS – OPEL KADETT E COMBO (T85). TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- High-temperature ceramic grease
- Torque wrench
- HEX bit No.H7
- HEX bit No.H10
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Phillips Screwdriver
- Rubber mallet
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the brake disks on the car OPEL Kadett E Combo (T85) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – OPEL Kadett E Combo (T85) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet.

**2** Unscrew the brake fluid reservoir cap.

**3** Secure the wheels with chocks.

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



**5** Raise the car.

Replacement: brake discs – OPEL Kadett E Combo (T85). Tip from AUTODOC experts:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

6

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. OPEL Kadett E Combo (T85)

7

Remove the wheel.



**8** Detach the brake caliper retaining spring. Use a crowbar.



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



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



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



**12**

Remove the brake caliper.



**Replacement: brake discs – OPEL Kadett E Combo (T85). Professionals recommend:**

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

**13**

Remove the brake pads.



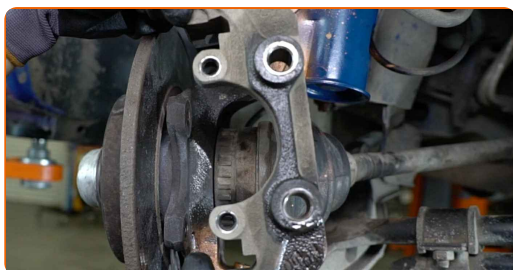
**14** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



**15** Unscrew the caliper bracket fastening. Use HEX No.H10. Use a ratchet wrench. Use a tap wrench.



**16** Remove the caliper bracket.



**17** Unscrew the brake disc fastening. Use a Phillips screwdriver. Use an impact screwdriver.





**18** Remove the brake disc.



Replacement: brake discs – OPEL Kadett E Combo (T85). Tip from AUTODOC:

- If necessary, use a rubber mallet.

**19** Clean the hub. Use a wire brush. Treat the contacting surface. Use high-temperature ceramic grease.



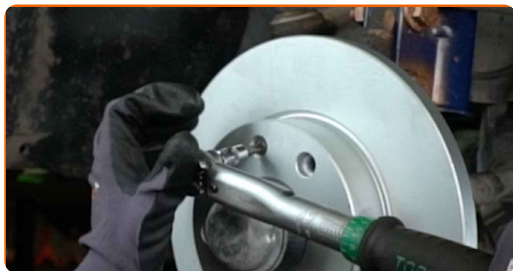
**20** Install the brake disc.



**21** Screw in the brake disc fastener. Use a Phillips screwdriver.



**22** Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 7 Nm torque.



**23** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake discs – OPEL Kadett E Combo (T85). After applying the spray, wait a few minutes.

**24** Install the brake caliper bracket.



25

Tighten the brake caliper bracket. Use HEX No.H10. Use a torque wrench. Tighten it to 95 Nm torque.



26

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

27

Press in the brake caliper piston. Use brake caliper wind back tool.



**AUTODOC recommends:**

- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

- 28** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake discs – OPEL Kadett E Combo (T85). AUTODOC experts recommend:

- Make sure the disc surface is clean before installing the pads.

- 29** Install the brake pads.



- 30** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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



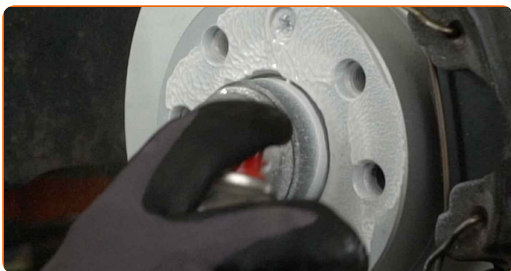
**32** Install the brake caliper retaining spring. Use a crowbar.



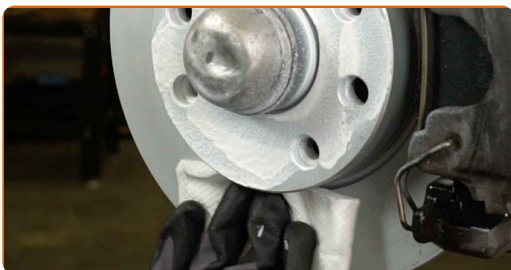
**33** Clean the wheel rim mounting seat. Use a wire brush.



**34** Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

36

Install the wheel.

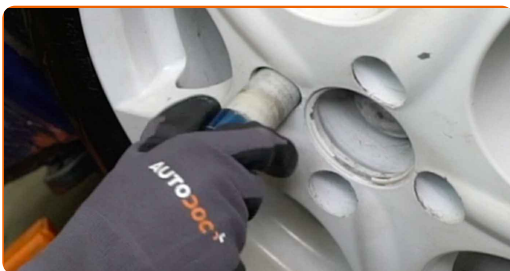


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. OPEL Kadett E Combo (T85)

37

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





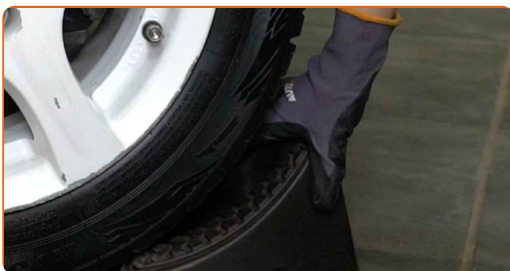
**38**

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 110 Nm torque.



**39**

Remove the jacks and chocks.



**Replacement: brake discs – OPEL Kadett E Combo (T85). AUTODOC recommends:**

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

**40**

Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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