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How to change front brake discs on **Opel Corsa S93** – replacement guide







VIDEO TUTORIAL



important!

This replacement procedure can be used for:

OPEL Corsa A TR (S83) 1.0 (F11, M11, F19, M19), OPEL Corsa A CC (S83) 1.0 (F08, M08, F68, M68), OPEL Corsa A TR (S83) 1.2 S (F11, M11, M19, F19), OPEL Corsa A TR (S83) 1.2 N (F11, M11, F19, M19), OPEL Corsa A CC (S83) 1.2 S (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.4 S (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.5 D (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.5 TD (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.4 i (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.4 i (F08, M08, F68, M68), OPEL Corsa A CC (S83) 1.6 GSI (F08, M08, F68, M68), OPEL KADETT D (31_-34_, 41_-44_) 1.3 N, OPEL KADETT D (31_-34_, 41_-44_) 1.6 S, OPEL KADETT D (31_-34_, 41_-44_) 1.6 D, (+ 154)

The steps may slightly vary depending on the car design.

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REPLACEMENT: BRAKE DISCS – OPEL CORSA S93. 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

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AUTODOC recommends:

- Replace the brake disks on the car Opel Corsa S93 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 Corsa S93 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.

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



Raise the car.



Replacement: brake discs – Opel Corsa S93. 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.

Unscrew the wheel bolts.



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AUTODOC recommends:

Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
 Opel Corsa S93

7 Remove the wheel.



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.



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



Remove the brake caliper.



Replacement: brake discs – Opel Corsa S93. 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.

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13 Remove the brake pads.



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



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



Remove the caliper bracket.



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



18 Remove the brake disc.



Replacement: brake discs – Opel Corsa S93. Tip from AUTODOC:

- If necessary, use a rubber mallet.
- Clean the hub. Use a wire brush. Treat the contacting surface. Use high-temperature ceramic grease.



20 Install the brake disc.



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



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



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



AUTODOC recommends:

 Replacement: brake discs – Opel Corsa S93. After applying the spray, wait a few minutes.

24 Install the brake caliper bracket.



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



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



AUTODOC recommends:

- After applying the spray, wait a few minutes.
- 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.

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Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use antisqueal paste.



Replacement: brake discs – Opel Corsa S93. 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.



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



Install the brake caliper retaining spring. Use a crowbar.



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



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



Clean the brake disk surface. Use a brake cleaner.

35



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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 Corsa S93

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.



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Remove the jacks and chocks.



Replacement: brake discs – Opel Corsa S93. 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.

Tighten the brake fluid reservoir cap. Close the hood.



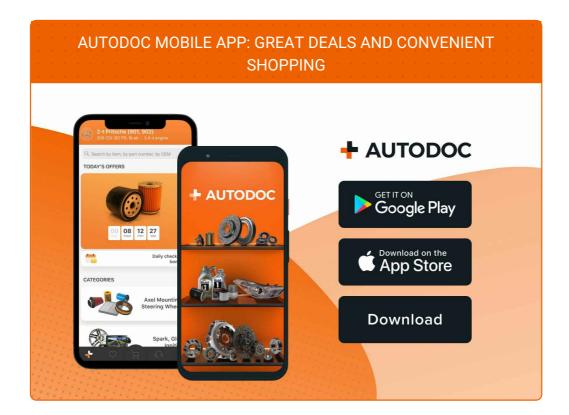


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