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How to change rear brake discs on **Opel Astra H Caravan** – replacement guide







#### **VIDEO TUTORIAL**



## important!

This replacement procedure can be used for:

OPEL Meriva A (X03) 1.4 16V Twinport LPG (E75), OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), OPEL Astra G CC (T98) 1.6 16V (F08, F48), OPEL Astra G CC (T98) 1.8 16V (F08, F48), OPEL Astra G CC (T98) 2.0 16V (F08, F48), OPEL Astra G CC (T98) 2.0 DI (F08, F48), OPEL Astra G Caravan (T98) 1.6 16V (F35), OPEL Astra G Caravan (T98) 1.8 16V (F35), OPEL Astra G Caravan (T98) 2.0 DI (F35), OPEL Astra H Caravan (A04) 1.4 (L35), OPEL ASTRA H Box (L70) 1.7 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI (L70), (+ 102)

The steps may slightly vary depending on the car design.

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# REPLACEMENT: BRAKE DISCS – OPEL ASTRA H CARAVAN. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- Drive socket # E18

- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Wheel chock

**BUY TOOLS** 

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# Replacement: brake discs – Opel Astra H Caravan. AUTODOC experts recommend:

- Replace the brake disks on the car Opel Astra H Caravan 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.
- Warning! Shut down the engine before starting any work Opel Astra H Caravan.

### CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.



2

Secure the wheels with chocks.



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



Raise the rear of the car and secure on supports.



Unscrew the wheel bolts.



# Replacement: brake discs – Opel Astra H Caravan. Tip:

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



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



Unscrew the caliper bracket fastening. Use a drive socket #E18. Use a ratchet wrench.



- Remove the fastening bolts (2 pieces).
- Remove the brake caliper together with its bracket. Use a flat screwdriver.



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#### Replacement: brake discs – Opel Astra H Caravan. AUTODOC recommends:

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

Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



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13 Remove the brake disc.



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



15 Install the brake disc.



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.

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Install the brake caliper together with its bracket.



- 19 Install the fastening bolts (2 pieces).
- Tighten the brake caliper bracket. Use a drive socket #E18. Use a torque wrench. Tighten it to 100 Nm torque.



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



Clean the brake disk surface. Use a brake cleaner.



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#### **AUTODOC** recommends:

 Replacement: brake discs – Opel Astra H Caravan. After applying the spray, wait a few minutes.

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Install the wheel.



## Replacement: brake discs – Opel Astra H Caravan. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.
- Screw in the wheel bolts. Use wheel impact socket #17.



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.



#### **AUTODOC** recommends:

• Important! Replacement: brake discs – Opel Astra H Caravan. Check the brake fluid level in the reservoir and top up if necessary.

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Tighten the brake fluid reservoir cap. Close the hood.



#### AUTODOC recommends:

• Opel Astra H Caravan – Without starting the engine, press the brake pedal several times until it feels firm.



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