



How to change front  
brake pads on **OPEL**  
**Astra F Caravan (T92)** –  
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 Astra F Caravan (T92) 1.7 TDS (F08, C05), OPEL Astra F Caravan (T92) 1.7 D (F08, C05), OPEL Astra F Caravan (T92) 1.4 i (F08, C05), OPEL Astra F Caravan (T92) 1.4 Si (F08, C05), OPEL Astra F Caravan (T92) 1.6 i (F08, C05), OPEL Astra F Caravan (T92) 1.6 Si (F08, C05), OPEL Astra F Caravan (T92) 1.8 i (F08, C05), OPEL Astra F Caravan (T92) 1.7 TD (F08, C05), OPEL Astra F Caravan (T92) 1.4 i 16V (F08, C05), OPEL Astra F Caravan (T92) 1.4 (F08, C05), OPEL Astra F Caravan (T92) 1.6 (F08, C05)

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 PADS – OPEL ASTRA F  
CARAVAN (T92). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- High-temperature ceramic grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pads – OPEL Astra F Caravan (T92). AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – OPEL Astra F Caravan (T92) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 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 car.

AUTODOC recommends:

- 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.

**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
OPEL Astra F Caravan (T92)

**6** Remove the wheel.



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



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



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



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



**11** Remove the brake caliper.



**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.

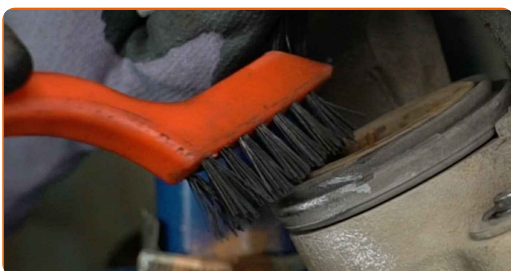
**12** Remove the brake pads.



**AUTODOC recommends:**

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

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



**AUTODOC recommends:**

- Replacement: brake pads – OPEL Astra F Caravan (T92). After applying the spray, wait a few minutes.

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



Replacement: brake pads – OPEL Astra F Caravan (T92). Tip from AUTODOC:

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

15

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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

16

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



Replacement: brake pads – OPEL Astra F Caravan (T92). Tip:

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



**17** Install new brake pads.



Replacement: brake pads – OPEL Astra F Caravan (T92). AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

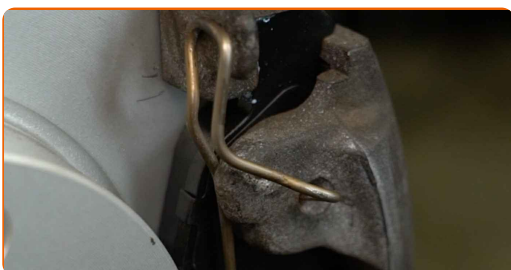
**18** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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



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



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



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



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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**24** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. OPEL Astra F Caravan (T92)

**25**

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



**26**

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.



**27**

Remove the jacks and chocks.



## AUTODOC recommends:

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

28 Tighten the brake fluid reservoir cap.

29 Close the hood.

## Replacement: brake pads – OPEL Astra F Caravan (T92). AUTODOC experts recommend:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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**BRAKE PADS: A WIDE SELECTION**

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