



How to change front  
brake discs on **FORD**  
**Sierra Mk1 Hatchback**  
**(GBC)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

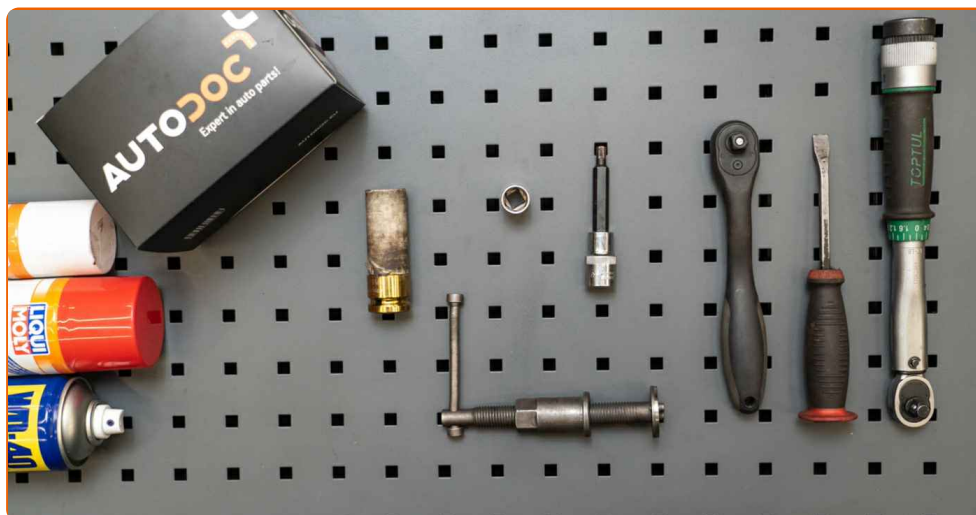
### ⓘ Important!

This replacement procedure can be used for:  
FORD Sierra Mk1 Hatchback (GBC) 1.8

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: FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 16V

## REPLACEMENT: BRAKE DISCS – FORD SIERRA MK1 HATCHBACK (GBC). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- HEX bit No.H7.
- Drive socket # 13
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). AUTODOC experts recommend:

- Replace the brake disks on the car FORD Sierra Mk1 Hatchback (GBC) 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.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE DISCS – FORD SIERRA MK1 HATCHBACK (GBC). TAKE THE FOLLOWING STEPS:

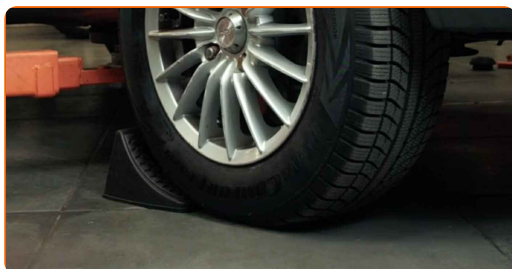
1

Open the bonnet. Unscrew the brake fluid reservoir cap.



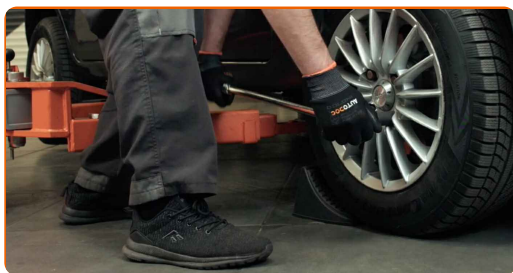
2

Secure the wheels with chocks.



3

Loosen the wheel mounting bolts. Use wheel impact socket #19.

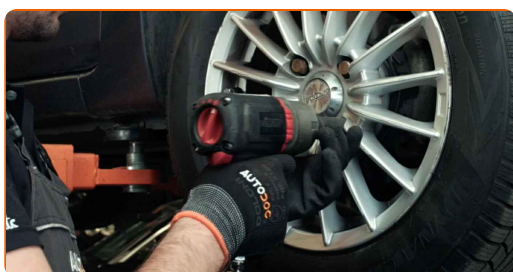


4

Raise the front of the car and secure on supports.

5

Unscrew the wheel bolts.

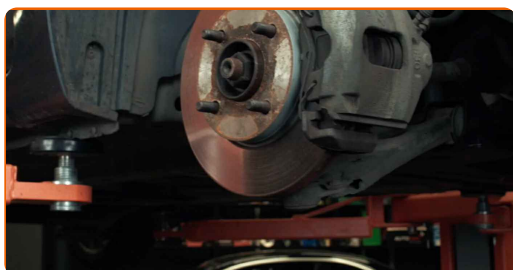


Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). AUTODOC recommends:

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

6

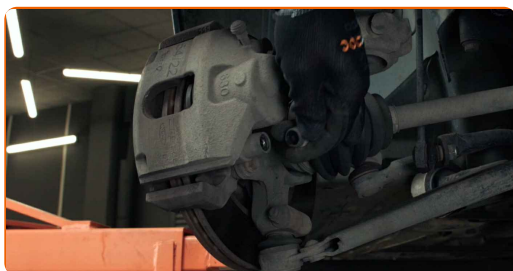
Remove the wheel.



- 7 Spread the brake pads. Use a crowbar.



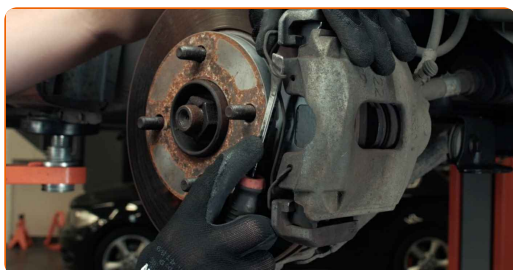
- 8 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



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



- 10 Detach the brake caliper retaining spring. Use a crowbar.



- 11 Remove the brake caliper.

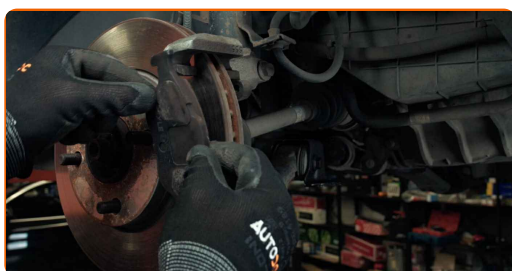


Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). Professionals recommend:

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

12

Remove the brake pads.



13

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



14

Unscrew the caliper bracket fastening. Use a drive socket #13. Use a tap wrench. Use a ratchet wrench.



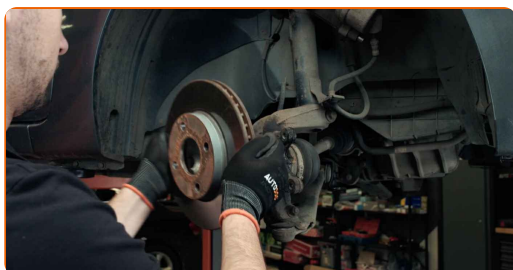
15

Remove the caliper bracket.



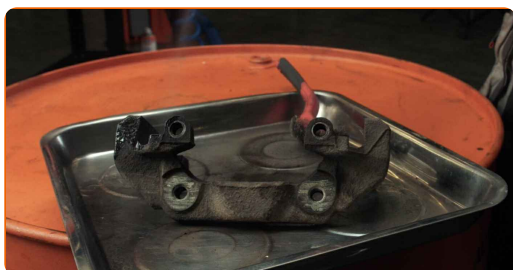
16

Remove the brake disc.



17

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



### AUTODOC recommends:

- Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). After applying the spray, wait a few minutes.

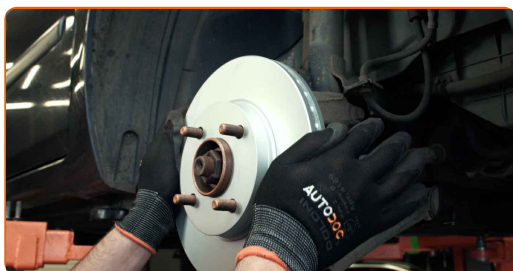
18

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



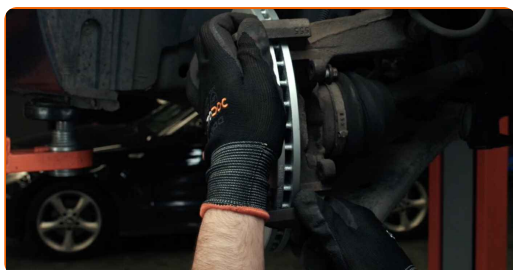
19

Install the brake disc.



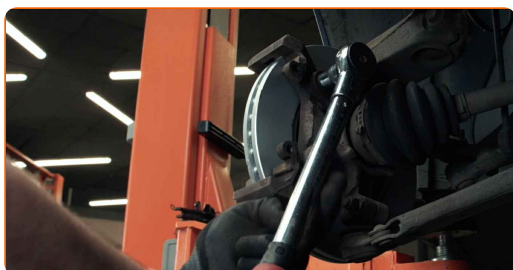
20

Install the brake caliper bracket.

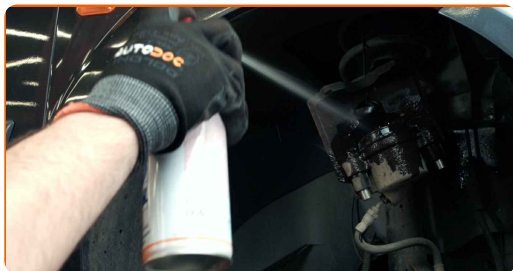


21

Tighten the brake caliper bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 70 Nm torque.



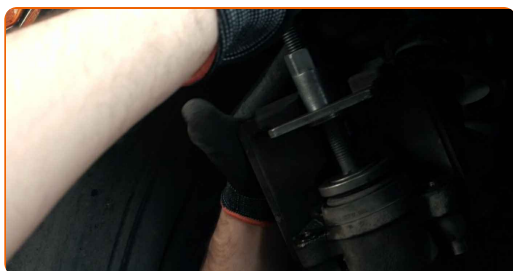
- 22 Treat the brake caliper piston. Use a brake cleaner.



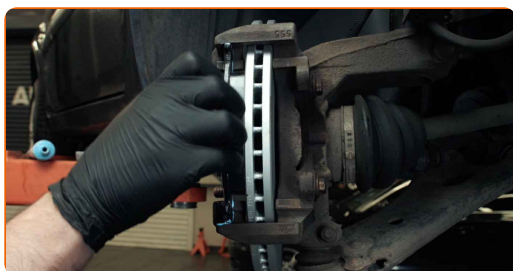
Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

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

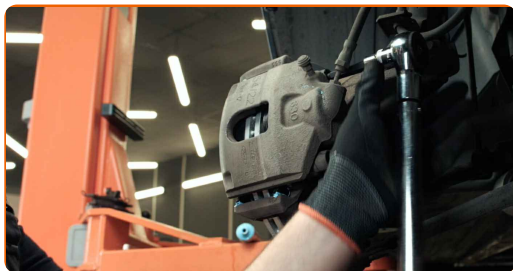


- 24 Install the brake pads.

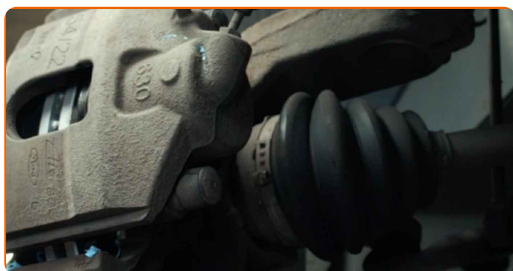


**25**

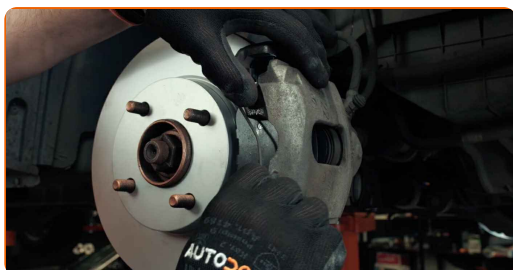
Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.


**26**

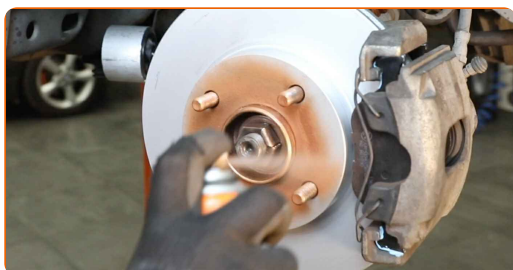
Install the dust boot caps of the brake caliper guide pins.


**27**

Install the brake caliper retaining spring.


**28**

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


**29**

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

30

Install the wheel.

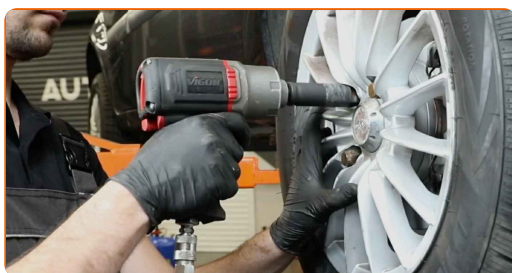


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. FORD Sierra Mk1 Hatchback (GBC)

31

Screw in the wheel bolts. Use wheel impact socket #19.



32

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 95 Nm torque.



Replacement: brake discs – FORD Sierra Mk1 Hatchback (GBC). AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

33

Tighten the brake fluid reservoir cap. Close the hood.

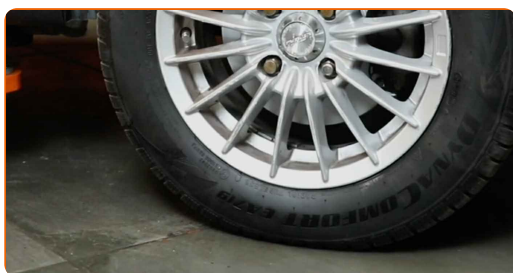


AUTODOC recommends:

- FORD Sierra Mk1 Hatchback (GBC) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

34

Remove the jacks and chocks.

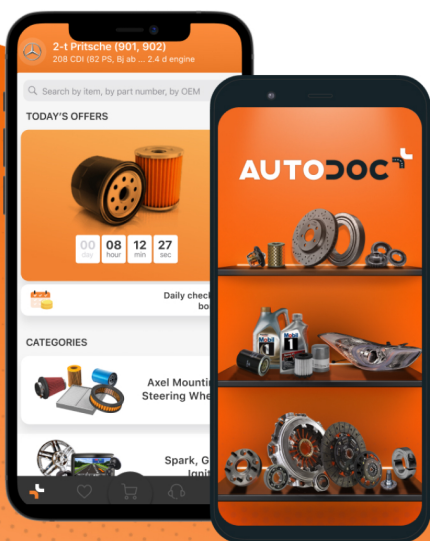


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