



How to change brake  
drum on **FIAT TEMPRA**  
**(159)** – replacement  
guide

### SIMILAR VIDEO TUTORIAL



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

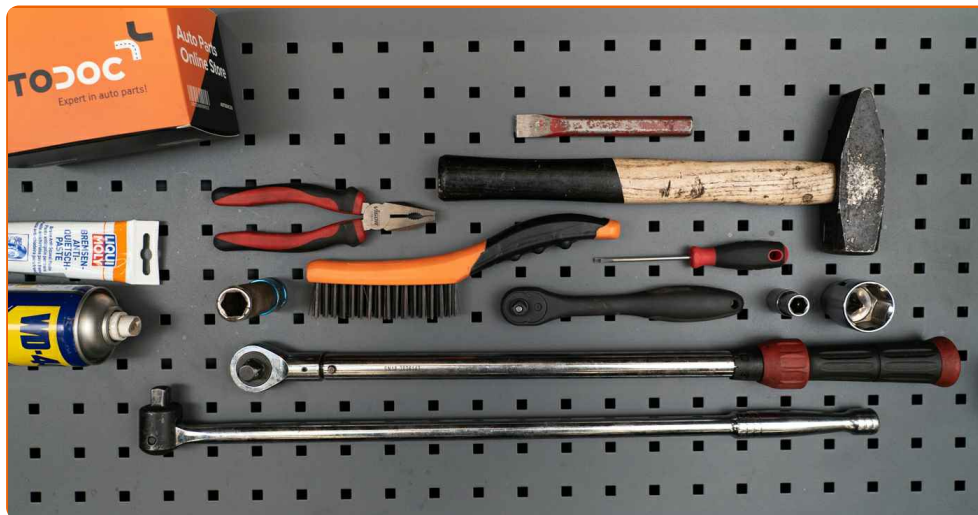
#### Important!

This replacement procedure can be used for:  
 FIAT TEMPRA (159) 1.9 TD, FIAT TEMPRA (159) 1.4 i.e., FIAT TEMPRA (159) 1.6 i.e.,  
 FIAT TEMPRA (159) 1.9 D

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: FIAT PUNTO (188) 1.3 JTD 16V

REPLACEMENT: BRAKE DRUM – FIAT TEMPRA (159).  
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Copper grease
- Drive socket # 12
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Flat screwdriver
- Wheel chock

**Buy tools**

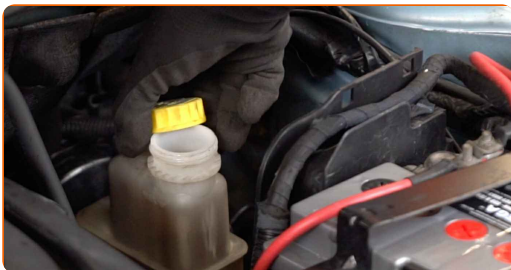
Replacement: brake drum – FIAT TEMPRA (159). AUTODOC experts recommend:

- Replace the brake drums on FIAT TEMPRA (159) in pair for the rear axle. Disregarding the parts state. It ensures even braking.
- The replacement procedure is identical for the right and left brake drums on the same axle.
- When replacing the brake drums, be sure to also change the brake shoes.
- Warning! Shut down the engine before starting any work – FIAT TEMPRA (159).

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

**1** Open the bonnet.

**2** Unscrew the brake fluid reservoir cap. Secure the wheels with chocks.



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

**4** Raise the rear of the car and secure on supports.

**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
FIAT TEMPRA (159)

**6** Remove the wheel.



**7** Fully lower the parking brake lever.

**8** Unscrew the brake drum fastening.



**9** Use a drive socket #12. Use a ratchet wrench.



**10** Remove the brake drum.



**11** Remove the hub bearing protection cap. Use a flat screwdriver. Use a hammer.



Replacement: brake drum – FIAT TEMPRA (159). AUTODOC recommends:

- Some cars are not equipped with wheel hub caps.

**12** Clean the hub. Use a wire brush.

Replacement: brake drum – FIAT TEMPRA (159). Professionals recommend:

- Examine the brake shoes. Replace them if needed.

**13** Install the brake drum and fasten it.



**14** Tighten the brake drum fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 15 Nm torque.

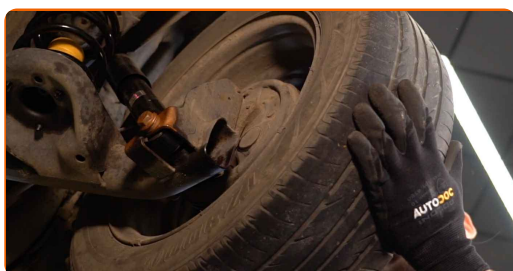


**15** Clean the wheel rim mounting seat. Use a wire brush.

**16** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



**17** Install the wheel.



Replacement: brake drum – FIAT TEMPRA (159). Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



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Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 98 nm torque.

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Remove the jacks and chocks.



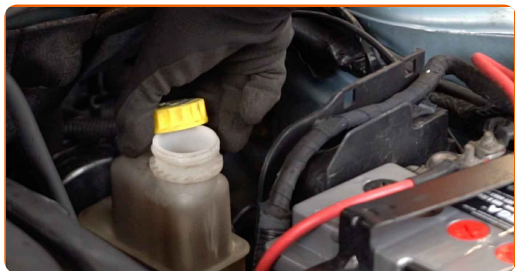
AUTODOC recommends:

- Important! Replacement: brake drum – FIAT TEMPRA (159). 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.



Replacement: brake drum – FIAT TEMPRA (159). Tip from AUTODOC experts:

- Adjust the gap between the brake shoes and the drum on FIAT TEMPRA (159), pressing the brake pedal 10-15 times.

**WELL DONE!** 

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