



How to change rear  
brake caliper repair kit on  
**MERCEDES-BENZ 190**  
**(W201)** – 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:

MERCEDES-BENZ 190 (W201) E 1.8 (201.018), MERCEDES-BENZ 190 (W201) 2.0 (201.022), MERCEDES-BENZ 190 (W201) E 2.0 (201.024), MERCEDES-BENZ 190 (W201) 2.0 (201.023), MERCEDES-BENZ 190 (W201) E 2.0, MERCEDES-BENZ 190 (W201) E 2.3-16, MERCEDES-BENZ 190 (W201) E 2.3-16 (201.034), MERCEDES-BENZ 190 (W201) E 2.3, MERCEDES-BENZ 190 (W201) E 2.3 (201.028), MERCEDES-BENZ 190 (W201) E 2.5-16, MERCEDES-BENZ 190 (W201) E 2.6, MERCEDES-BENZ 190 (W201) D 2.0 (201.122), MERCEDES-BENZ 190 (W201) D 2.5 (201.126), MERCEDES-BENZ 190 (W201) Turbo-D 2.5 (201.128), MERCEDES-BENZ 190 (W201) E 2.6 (201.029), (+ 3)

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: MERCEDES-BENZ E-Class Saloon (W124) E 250 D (124.126, 124.129)

**REPLACEMENT: BRAKE CALIPER REPAIR KIT –  
MERCEDES-BENZ 190 (W201). TOOLS YOU MIGHT  
NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Torque wrench
- Combination spanner #9
- Combination spanner #14
- Drive socket # 9
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake hose clip
- Brake bleeder kit
- Water pump pliers
- Pin punch
- Hammer
- Crow bar
- Flat screwdriver
- Wheel chock

**Buy tools**

Replacement: brake caliper repair kit – MERCEDES-BENZ 190 (W201). Tip:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE CALIPER REPAIR KIT – MERCEDES-BENZ 190 (W201). TAKE THE FOLLOWING STEPS:**

**1** Open the bonnet.

**2** Unscrew the brake fluid reservoir cap.



**3** Secure the wheels with chocks.

**4** Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



**5** 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.

**6**

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ 190 (W201)

**7**

Remove the wheel.



**8**

Clean the brake pad guide pins. Use a wire brush. Use all-purpose cleaning spray.

**9** Remove the brake pad guide pins. Use a pin punch. Use a hammer.



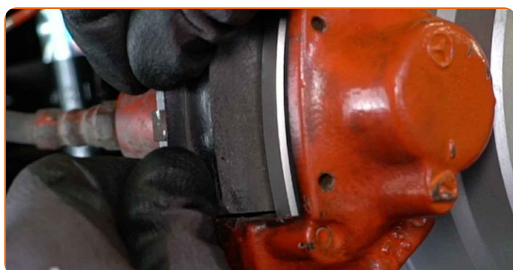
**10** Remove the retaining spring of the brake pads.



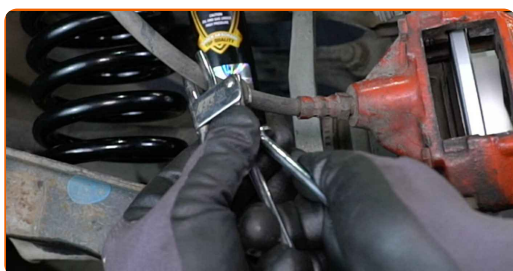
**11** Spread the brake pads. Use a crowbar (2 pieces).



**12** Remove the brake pads.



**13** Clamp the brake hose off using a brake hose clamp.



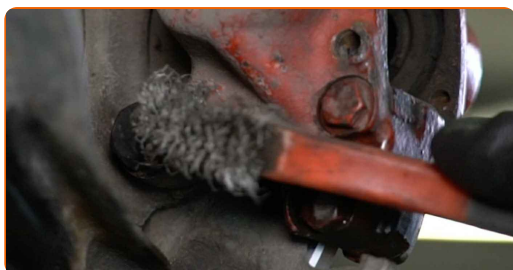
**14** Clean the mounting seat of the brake hose on the brake caliper. Use a wire brush. Use WD-40 spray.



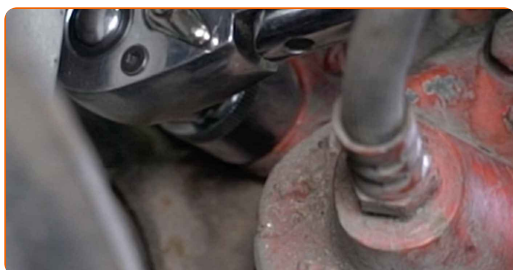
**15** Loosen the brake hose fastener. Use a combination spanner #14.



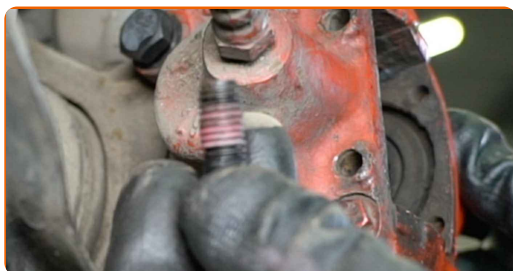
**16** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



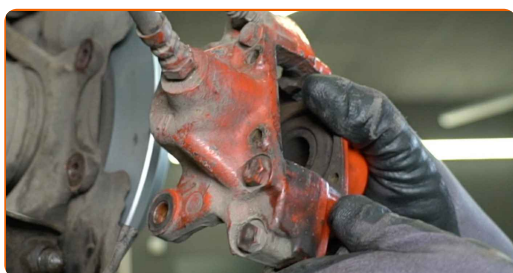
**17** Unscrew the brake caliper fasteners. Use a drive socket #17. Use a ratchet wrench.



**18** Remove the fastening bolts.



**19** Remove the brake caliper.



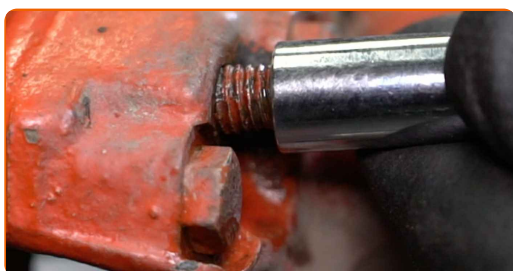
**20** Unscrew the brake hose from the brake caliper.



**21** Clean the brake bleeder screw. Use a wire brush. Use WD-40 spray.



**22** Undo the brake bleeder screw. Use a drive socket #9. Use a ratchet wrench.

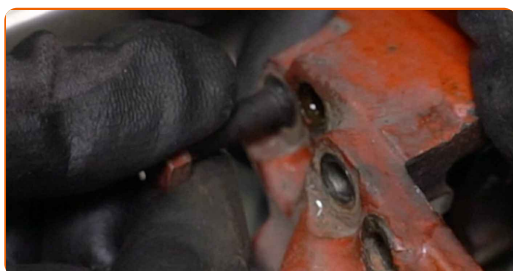




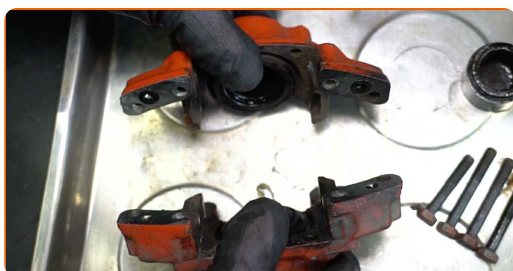
- 23 Unscrew the fasteners connecting the two parts of the brake caliper. Use a drive socket #14. Use a ratchet wrench.



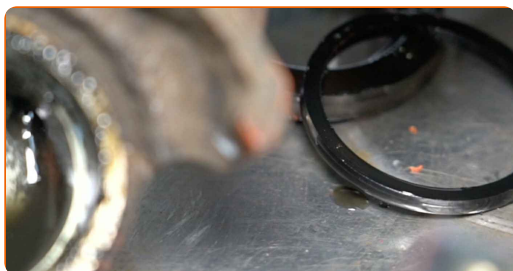
- 24 Remove the fastening bolts.



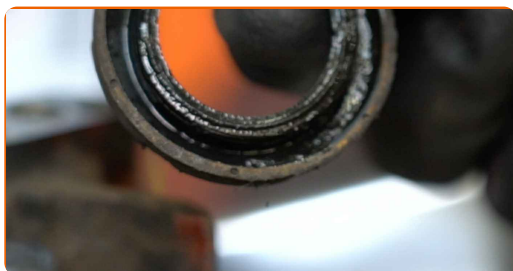
- 25 Separate the two parts of the caliper from each other.



- 26 Remove the o-rings. Use a flat screwdriver.



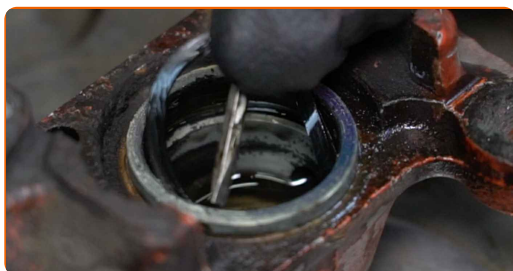
- 27 Remove the dust boots of the brake caliper pistons. Use a flat screwdriver.



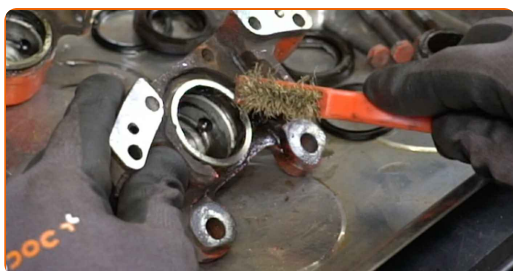
**28** Remove the brake caliper pistons. Use water pump pliers.



**29** Remove the piston O-rings. Use a flat screwdriver.



**30** Clean the mounting seats of the pistons and related components. Use a wire brush. Use a nylon cleaning brush. Use all-purpose cleaning spray.



**31** Install new caliper piston O-rings.



**32** Fit dust boots on new brake caliper pistons.



Replacement: brake caliper repair kit – MERCEDES-BENZ 190 (W201).  
AUTODOC recommends:

- Treat the pistons and their seats with brake fluid to prevent scoring on the walls of the cylinders during installation.

**33** Install the new brake caliper pistons.

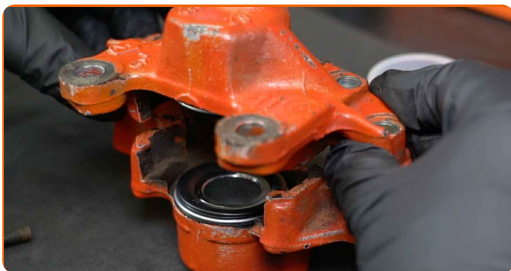


**34** Install dust boot retaining rings.

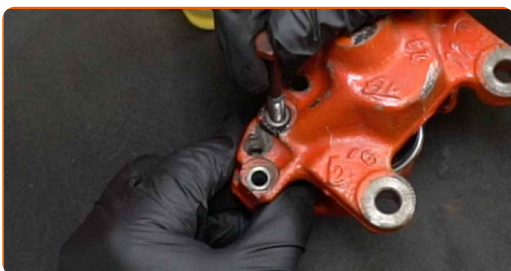


**35** Install new o-rings.

**36** Join the two parts of the caliper together.



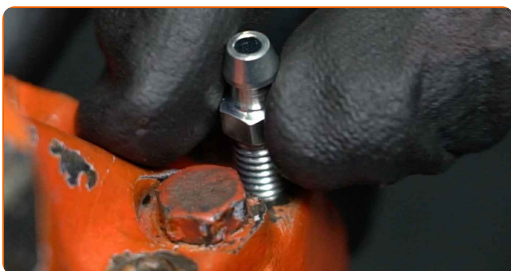
**37** Install the fastening bolts.



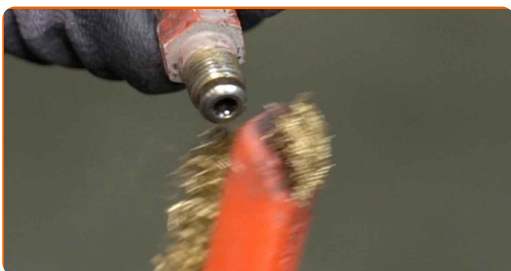
**38** Tighten the fasteners connecting the two parts of the caliper. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.



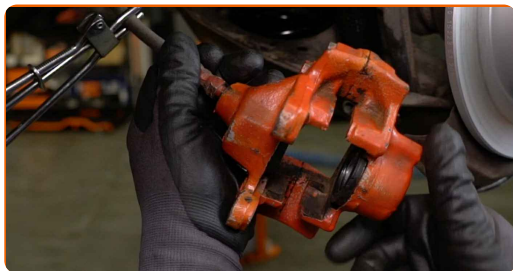
**39** Tighten the brake bleeder screw.



**40** Clean the area where the brake hose connects to the caliper. Use a wire brush. Use all-purpose cleaning spray.



**41** Screw the brake hose into the caliper.



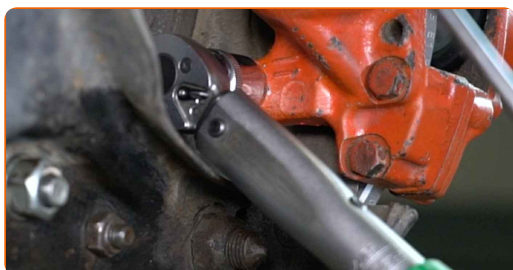
**42** Install the brake caliper and fasten it.



**43** Install the fastening bolts.



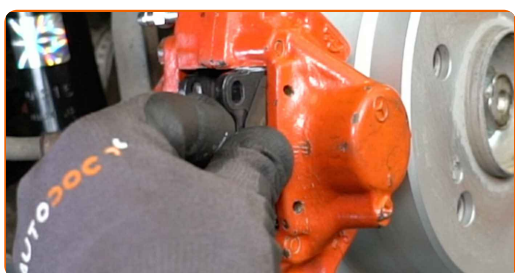
**44** Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



- 45 Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



- 46 Install the brake pads.



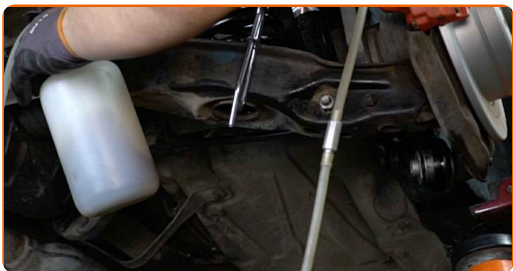
- 47 Install the retaining spring of the brake pads.



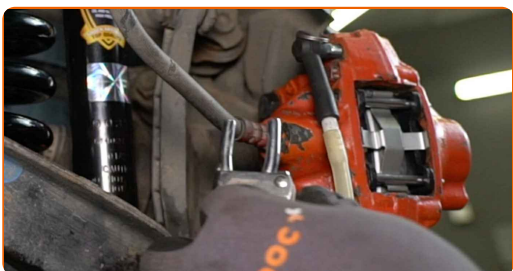
- 48 Install the brake pad guide pins. Use a pin punch. Use a hammer.



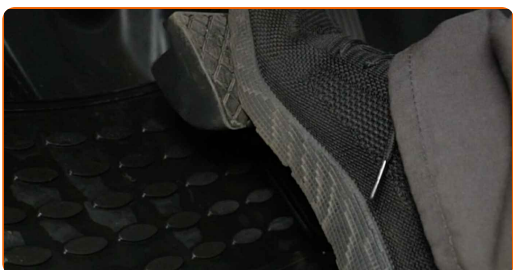
**49** Connect the brake bleeder kit to the brake bleeder screw.



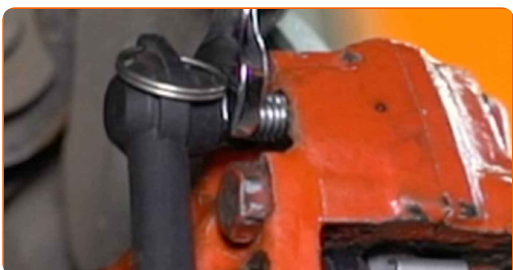
**50** Remove the brake hose clamp.



**51** Bleed the brake system.

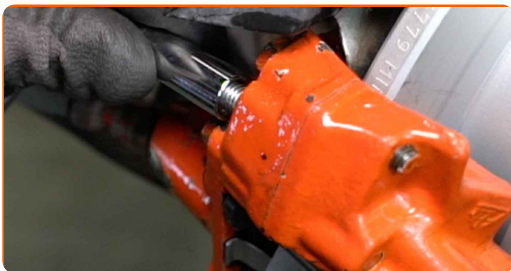


**52** Tighten the bleeder screw. Use a combination spanner #9.

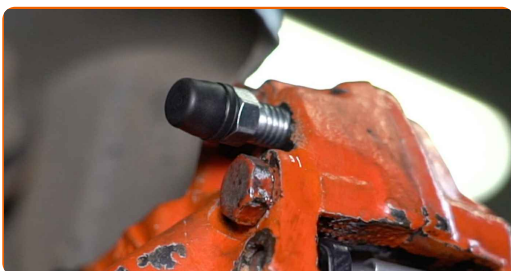


**53** Disconnect the brake bleeder kit.

**54** Tighten the brake caliper bleed screw. Use a drive socket #9. Use a torque wrench. Tighten it to 8 Nm torque.



**55** Attach the brake caliper bleed screw cap.



**56** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



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

**58** Install the wheel.





Replacement: brake caliper repair kit – MERCEDES-BENZ 190 (W201).  
AUTODOC experts recommend:

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

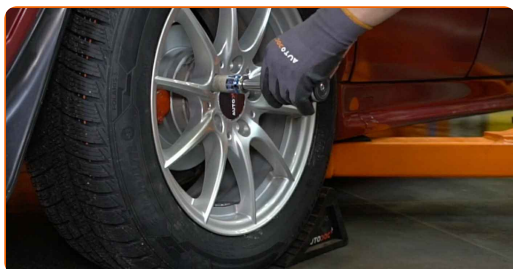
59

Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



60

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.



61

Remove the jacks and chocks.



## AUTODOC recommends:

- Important! Replacement: brake caliper repair kit – MERCEDES-BENZ 190 (W201).  
Check the brake fluid level in the reservoir and top up if necessary.

62

Tighten the brake fluid reservoir cap.



63

Close the bonnet.

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**BRAKE CALIPER REPAIR KIT: A WIDE SELECTION**

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