



How to change hand  
brake cable on  
**MERCEDES-BENZ E-  
Class T-modell (S124)** –  
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 E-Class T-modell (S124) E 300 TD (124.191), MERCEDES-BENZ E-Class T-modell (S124) E 200 T (124.079), MERCEDES-BENZ E-Class T-modell (S124) E 220 T (124.082), MERCEDES-BENZ E-Class T-modell (S124) E 280 T (124.088), MERCEDES-BENZ E-Class T-modell (S124) E 320 T (124.092), MERCEDES-BENZ E-Class T-modell (S124) E 250 TD (124.186), MERCEDES-BENZ E-Class T-modell (S124) E 36 T AMG (124.092), MERCEDES-BENZ E-Class T-modell (S124) E 300 T Turbo-D (124.193), MERCEDES-BENZ E-Class T-modell (S124) E 300 T 4-matic (124.290), MERCEDES-BENZ E-Class T-modell (S124) E 300 T Turbo-D 4-matic (124.393), MERCEDES-BENZ E-Class T-modell (S124) E 250 Turbo 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: MERCEDES-BENZ E-Class Saloon (W124) E 250 D (124.126, 124.129)

**REPLACEMENT: HAND BRAKE CABLE – MERCEDES-BENZ E-CLASS T-MODELL (S124). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Drive socket # 17
- HEX bit No.H5
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Pin punch
- Hammer
- Tap wrench
- Long nose pliers
- Crow bar
- Wheel chock

**Buy tools**

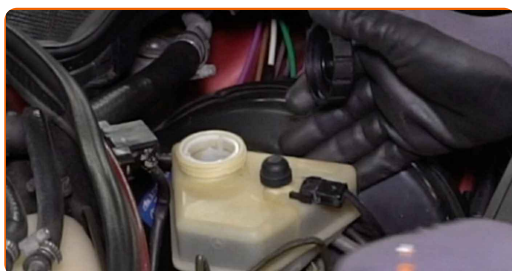
Replacement: hand brake cable – MERCEDES-BENZ E-Class T-modell (S124).  
AUTODOC recommends:

- Replace the parking brake cables in pairs.
- All work should be done with the engine stopped.

## REPLACEMENT: HAND BRAKE CABLE – MERCEDES-BENZ E-CLASS T-MODELL (S124). RECOMMENDED SEQUENCE OF 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.



**Replacement: hand brake cable – MERCEDES-BENZ E-Class T-modell (S124).  
AUTODOC recommends:**

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

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



**14** Unscrew the brake caliper fasteners. Use a combination spanner #17.



**15** Remove the fastening bolts.



**16** Remove the brake caliper.





Replacement: hand brake cable – MERCEDES-BENZ E-Class T-modell (S124).  
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.

17

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



18

Unscrew the brake disc fasteners. Use HEX No.H5. Use a ratchet wrench.

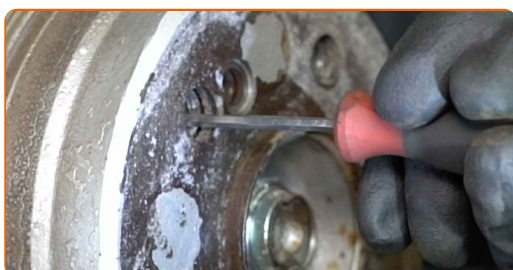




**19** Remove the fastening bolt.



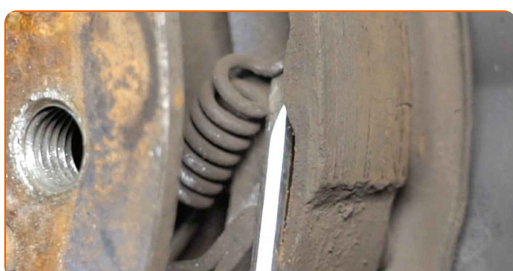
**20** Release the parking brake adjuster. Use a flat screwdriver.



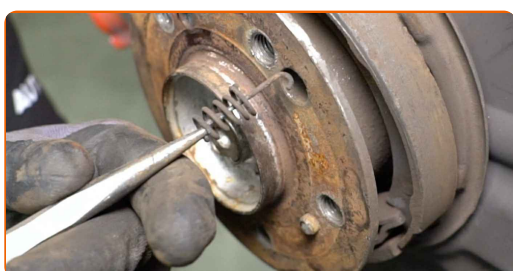
**21** Remove the brake disc.



**22** Remove the lower brake shoe return spring. Use a flat screwdriver.



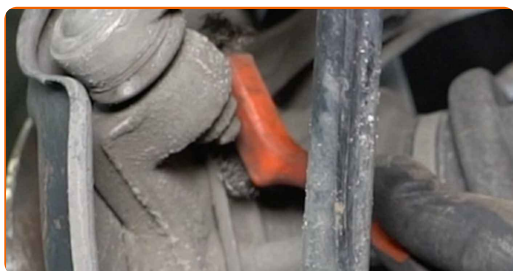
**23** Remove the hold-down springs of the parking brake shoes. Use long nose pliers.



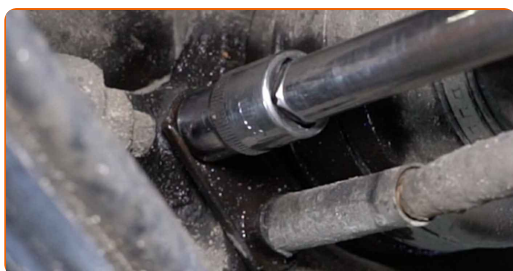
**24** Remove the parking brake shoes.



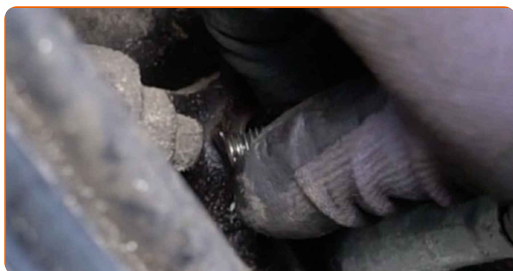
**25** Clean the fastener connecting the parking brake cable to the rear knuckle. Use a wire brush. Use WD-40 spray.



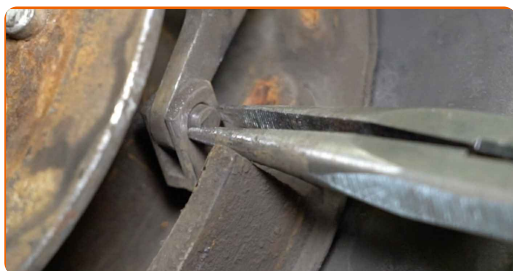
**26** Unscrew the fastener connecting the parking brake cable to the rear knuckle. Use a drive socket #13. Use a ratchet wrench.



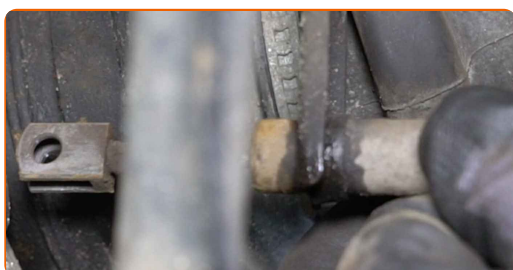
**27** Remove the fastening bolt.



**28** Remove the pin connecting the cable to the parking brake shoe shackle. Use long nose pliers.



**29** Remove the parking brake shoe shackle.



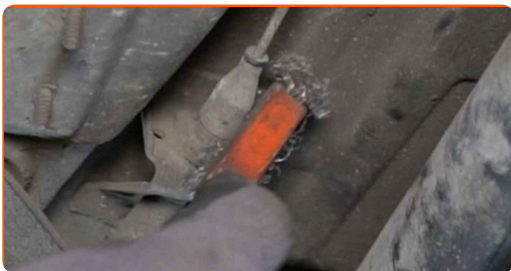
**30** Clean the parking brake cable adjuster. Use a wire brush. Use WD-40 spray.



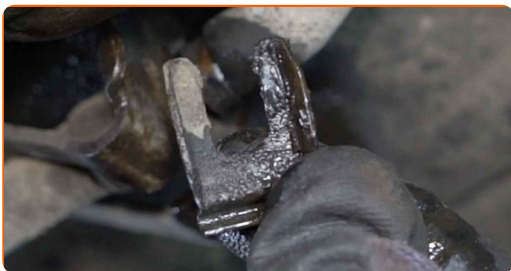
**31** Loosen the parking brake cable adjuster. Use a drive socket #13. Use a ratchet wrench.



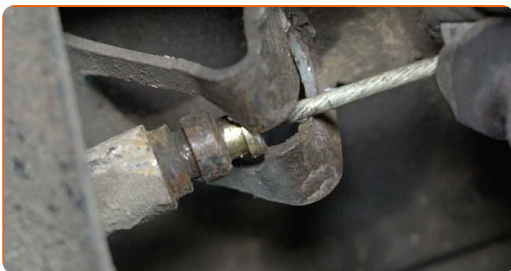
**32** Clean the retainer connecting the parking brake cable to the car body. Use a wire brush. Use WD-40 spray.



**33** Remove the retainer connecting the parking brake cable to the car body. Use a crowbar.



**34** Remove the parking brake cable.



**35** Clean the parking brake cable mounting seats. Use a wire brush. Use all-purpose cleaning spray.



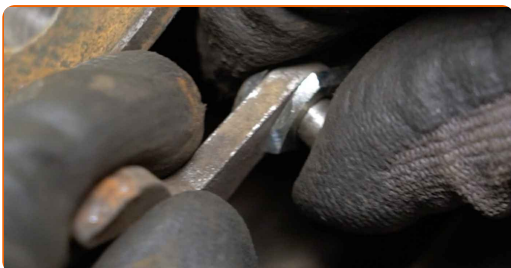
**36** Install a new parking brake cable. Use a hammer.



**37** Install the retainer connecting the parking brake cable to the car body.



**38** Install the pin connecting the cable to the parking brake shoe shackle.



**39** Install the parking brake shoe shackle.



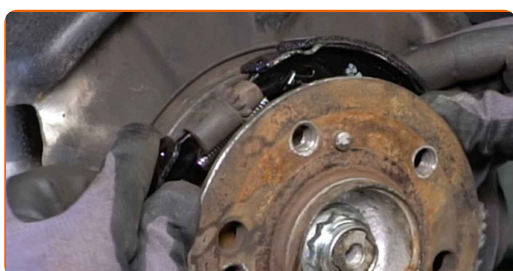
**40** Install the fastening bolt.



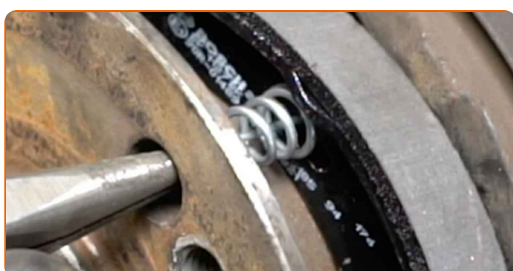
- 41 Tighten the fastener connecting the parking brake cable to the rear knuckle. Use a drive socket #13. Use a torque wrench. Tighten it to 24 Nm torque.



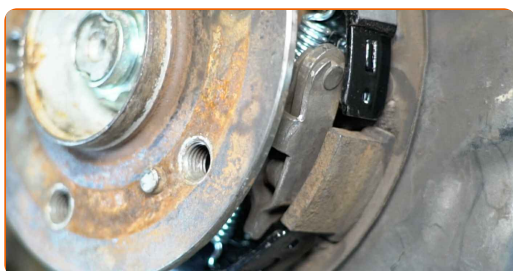
- 42 Install new parking brake shoes.



- 43 Install the hold-down springs of the parking brake shoes. Use long nose pliers.



- 44 Install the lower return spring. Use a flat screwdriver.



**45**

Adjust the parking brake cable tension. Use a drive socket #13. Use a ratchet wrench.

**46**

Clean the wheel hub. Use a wire brush.

**47**

Treat the contacting surface. Use ceramic grease.

**48**

Install the brake disc.

**49**

Install the fastening bolt.





**50** Tighten the brake disc fasteners. Use HEX No.H5. Use a torque wrench. Tighten it to 10 Nm torque.



**51** Set the parking brake adjuster in the correct position. Use a flat screwdriver.



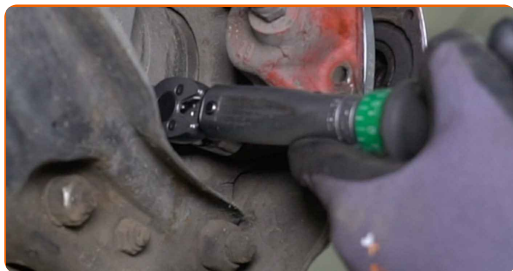
**52** Install the brake caliper and fasten it.



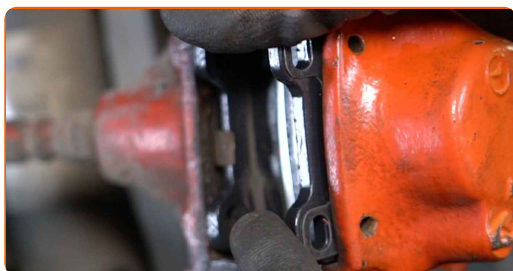
**53** Install the fastening bolts.



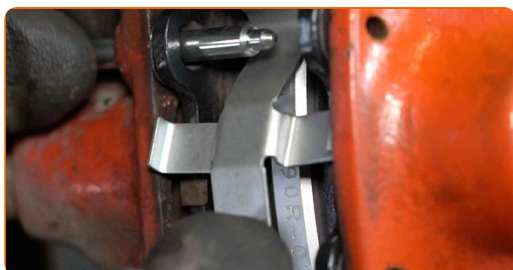
**54** Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



**55** Install the brake pads.



**56** Install the retaining spring of the brake pads.



**57** Install the brake pad guide pins. Use a pin punch. Use a hammer.



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



59

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



60

Install the wheel.

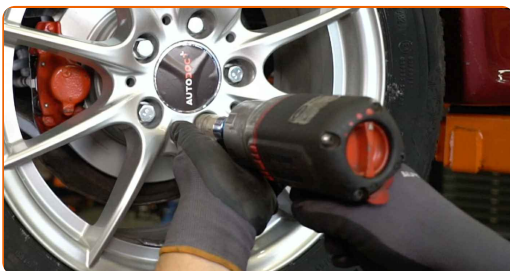


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ E-Class T-modell (S124)

61

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



**62**

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.



**63**

Remove the jacks and chocks.



**AUTODOC recommends:**

- MERCEDES-BENZ E-Class T-modell (S124) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.
- Check the brake fluid level in the expansion tank and top up if necessary.

**64**

Tighten the brake fluid reservoir cap.



65

Close the bonnet.

**WELL DONE!** 

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