

SERVICE INSTRUCTIONS

Before use, read these instructions carefully, and follow them for correct use.

Cantilever Brake BR-M250

EXAGE

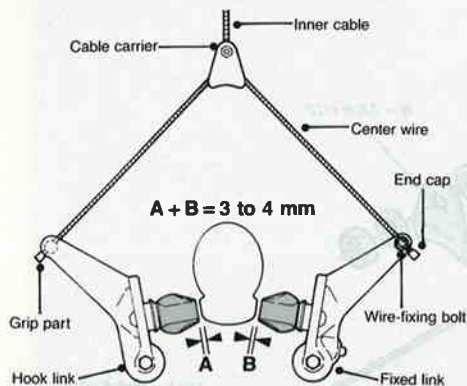


The following products should be used together for the Shimano Linear Response (SLR).

- Caliper Brake.....BR-M250/BR-M450/BR-M350
- Brake Lever.....BL-M250/BL-M450/BL-M451/BL-M350
- Outer Cable.....Shimano outer cable casing with liner

Installation of the cantilever brake

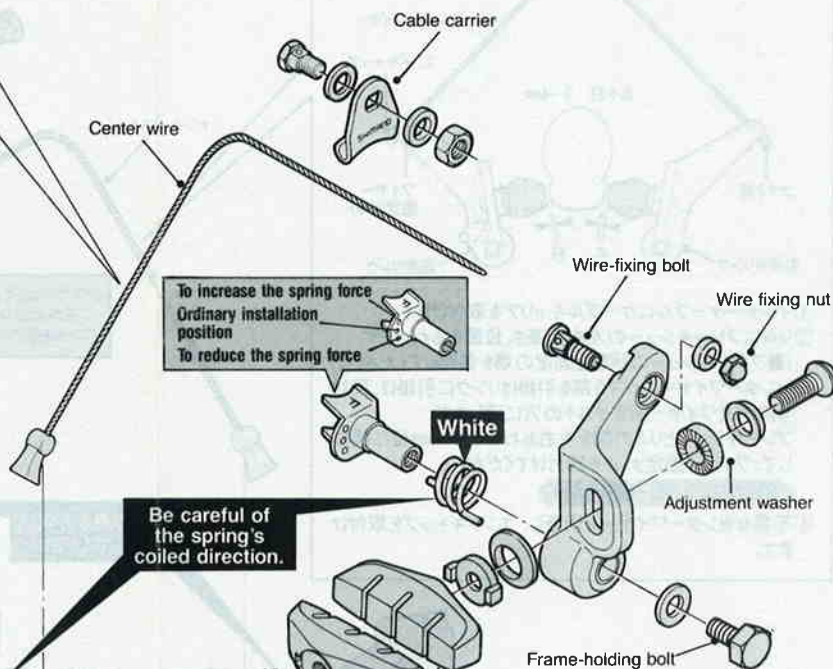
■ Installation of the center wire



- 1 Install the cable carrier to the inner cable.
- 2 Adjust the height and position of the left/right brake shoes to the rim. (Refer to the section "Adjustment and securing of the brake shoes.")
- 3 Hook the grip end of the center wire to the hook link, and pass the tip of the opposite end through the hole in the wire-fixing bolt. Adjust the distance between the brake shoes and rim to about 3—4 mm at the left and right, and then tighten the wire-fixing nut.

Tightening torque: 60—80 kgfcm (50—70 in.lbs.)

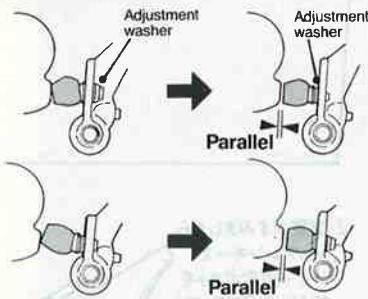
- 4 Cut the unnecessary center wire and install the end cap.



Be careful of the spring's coiled direction.

■ How to use the adjustment washer

The rim surface and the shoe surface can be made parallel by exchanging the positions of the adjustment washers.



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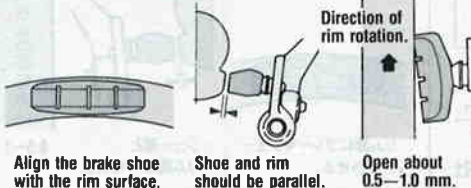
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■ Adjustment and securing of the brake shoes

- 1 Align the brake shoes to the rim. Then adjust so that the shoe surface and the rim surface are as shown in the figure.



- 2 When the adjustment is completed, tighten and secure the shoe-holding bolt with a 5-mm Allen key.

Tightening torque: 60—90 kgfcm (50—75 in.lbs.)

