

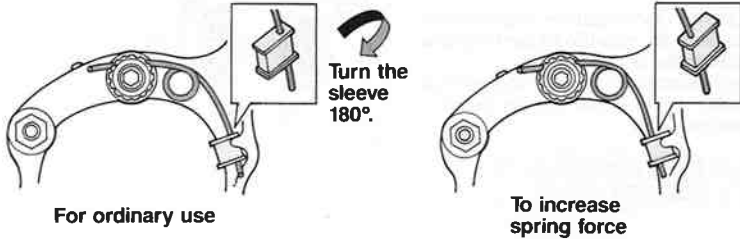
SERVICE INSTRUCTIONS

The brake arch (BR-6403, BR-1055, BR-A550, BR-A500) must be used as a set with the brake lever (BL-6403, BL-1055, BL-A550, BL-A500) and the Shimano SLR outer cable. No other combination can be used.

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

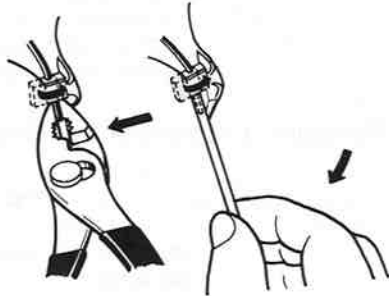
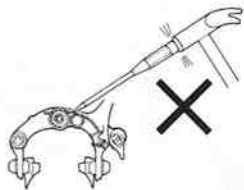
Notes

- If, due to the connection arrangement of the cable, the efficiency of transmission of force decreases and the return of the arch is poor, turn the sleeve 180°, as shown in the illustration, so as to increase the spring force. Note, however, that brake levers other than the SUPER SLR cannot be used, even though the spring force is increased.

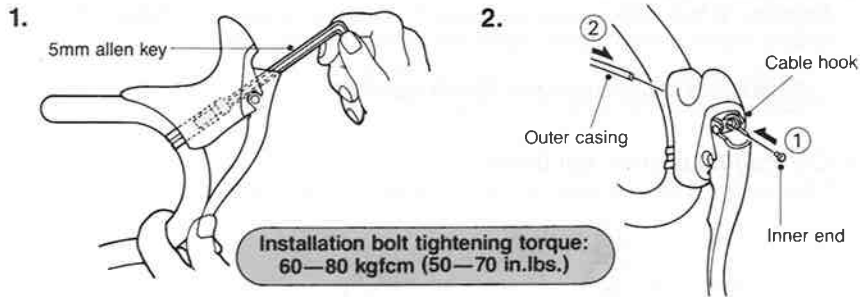


- The sleeve can be easily reversed by using pliers or a pipe to hold as shown in the figure.

- Never attempt to make the centering adjustment by tapping or hammering the spring and arch.



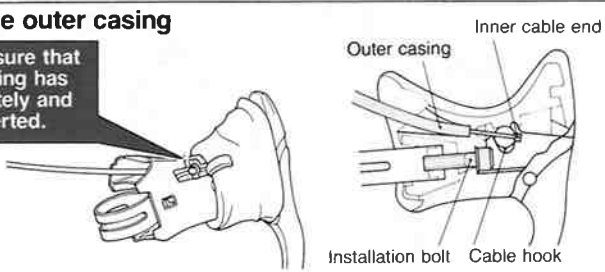
Installation of the brake lever



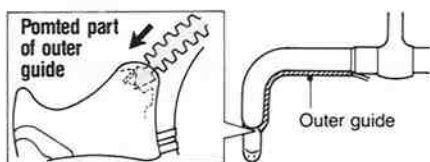
Installation bolt tightening torque: 60—80 kgfcm (50—70 in.lbs.)

Checking the outer casing

Check to be sure that the outer casing has been completely and correctly inserted.



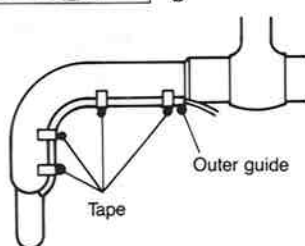
3. With the cable placed along the front part of the handlebar, cover with the outer guide, be sure that the installation is done so that the pointed part is at the lever side.



4. Cut the outer guide to correspond to the length of the handlebar.

5. Temporarily secure the outer guide to the handlebar (by using tape or similar material).

6. Then wrap the handlebar with handlebar tape.



Note: Cut the cable at the length at which it is not pulled tight when the handlebar is turned all the way to the left and right. If a squeaking noise occurs after a long period of use, lubricate the (A) parts.



**BR-6403
BR-1055
BR-A550
BR-A500**

Caliper Brake

**BL-6403
BL-1055
BL-A550
BL-A500**

Brake Lever

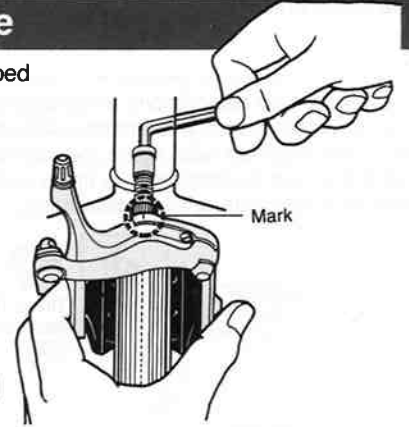
Installation of the brake

Be sure to follow the sequence described when installing.

1. Installation of the brake itself

Compress the arch, and set while the shoe is in firm contact with the rim.

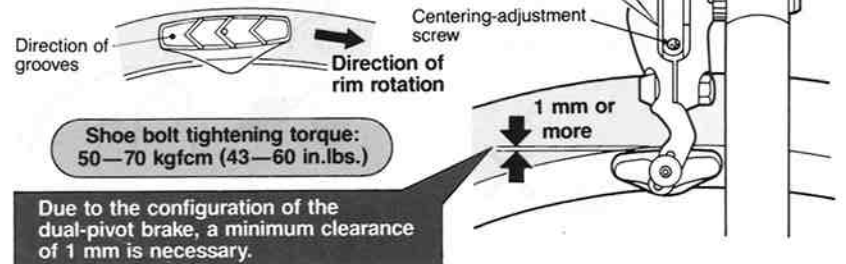
The position at which the mark on the upper part of the brake arm is facing directly upward is the guide for the installation position.



Tightening torque: 80—100 kgfcm (70—85 in.lbs.)

The usual position during installation is when the lower part of the centering-adjustment screw's head is flush with the surface of the brake body.

2. Brake shoe setting position



Shoe bolt tightening torque: 50—70 kgfcm (43—60 in.lbs.)

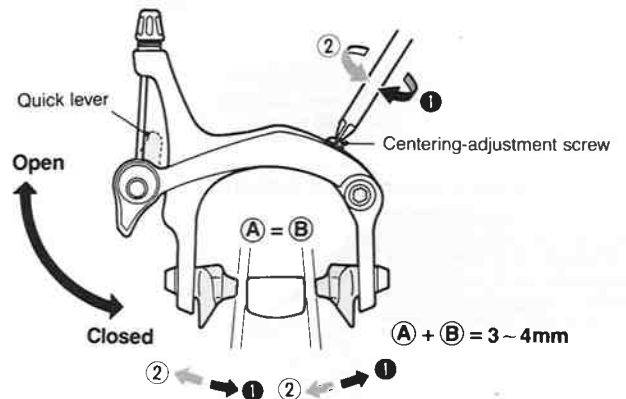
3. Cable connection

Set the quick lever to the closed position; then adjust the shoe clearance (as shown in the illustration below) and secure the cable.

Cable bolt tightening torque: 60—80 kgfcm (50—70 in.lbs.)

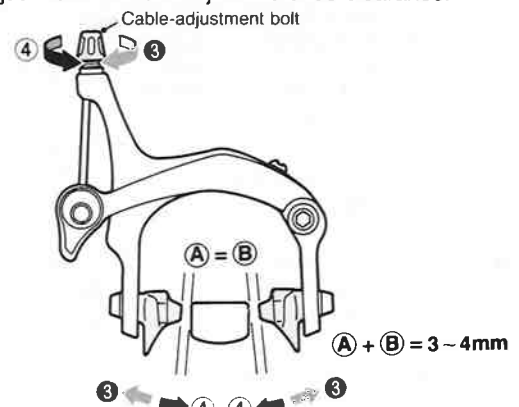
4. Centering of the brake shoe

Make a minor adjustment by using the centering-adjustment screw.



5. Readjustment of the shoe clearance

Turn the cable-adjustment bolt to readjust the shoe clearance.



Please note: specifications are subject to change for improvement without notice. (English)

SHIMANO

SHIMANO AMERICAN CORPORATION
One Shimano Drive, Irvine, California U.S.A. 92718 Tel. (714) 951-5003
SHIMANO (EUROPA) GmbH
Im Hulsfeld 13 4010 Hilden, West Germany Tel. 02103 5005 0

SHIMANO (SINGAPORE) PTE. LTD.
No. 20, Benoi Sector, Jurong Town, Singapore 2262 Tel. 2654777
SHIMANO INDUSTRIAL CO. LTD.
377 Omatsucho, Sakai, Osaka, Japan Tel. (0722) 23-3243

© Jun, 1990 by Shimano Co., Ltd. U-001 XBC SZK Printed in Japan.