

WARNING

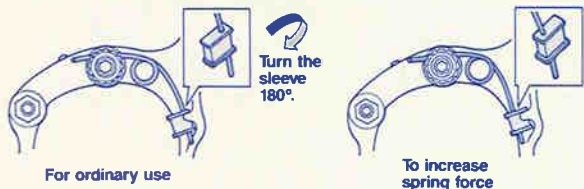
It is important to completely understand the operation of your bicycle's brake system. Improper use of your bicycle's brake system may result in a loss of control or accident, which could lead to severe injury. Because each bicycle may handle differently, be sure to learn the proper braking technique (including brake lever pressure and bicycle control characteristics) and operation of your bicycle. This can be done by consulting your professional bicycle dealer and the bicycle's owners manual, and by practicing your riding and braking technique.

In order to realize the best performance, we recommend that the following combination be used.

Series	SHIMANO 600 ULTEGRA	SHIMANO 105SC	SHIMANO RX100	SHIMANO RSX
Brake lever	BL-6403 ST-6400	BL-1055 ST-1055	BL-A550 ST-A550	BL-A410 ST-A410
Caliper Brake	BR-6403	BR-1055	BR-A550	BR-A410
Brake cable				

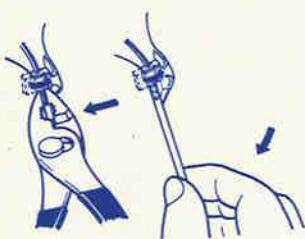
Notes

- 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.

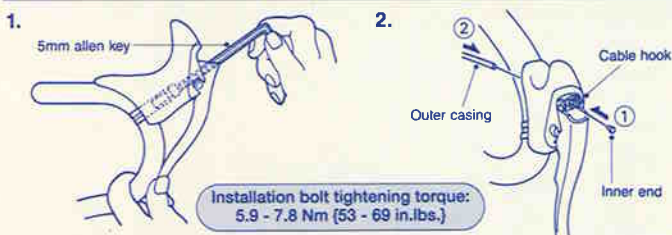


- The sleeve can be easily reversed by using pliers or a pipe to hold as shown in the figure.

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

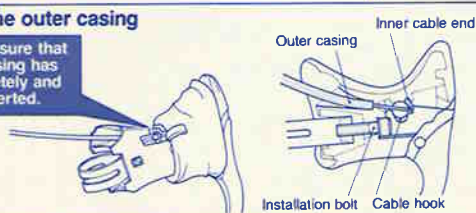


Installation of the brake lever



Checking the outer casing

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

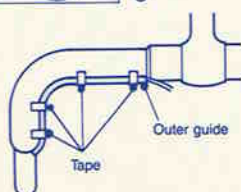


3. With the cable placed along the front part of the handlebar, cover with the outer guide, be sure that the installation is done so that the pointed part is at the lever side.



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.



Brake System

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

Installation of the brake

Be sure to follow the sequence described below when installing.

1. Installation of the brake itself

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

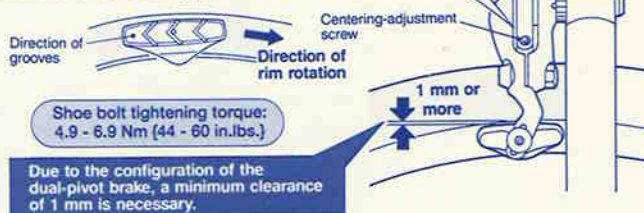
The position at which the mark on the upper part of the brake arm is facing directly upward is the guide for the installation position.



Tightening torque: 7.8 - 9.8 Nm (69 - 87 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



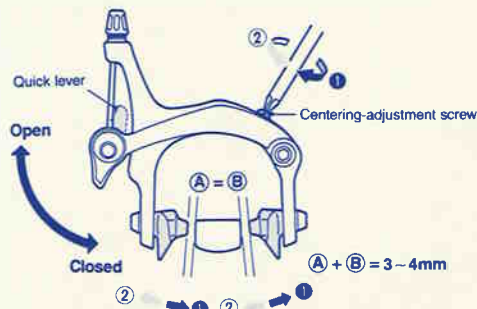
3. Cable connection

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: 5.9 - 7.8 Nm (53 - 69 in.lbs.)

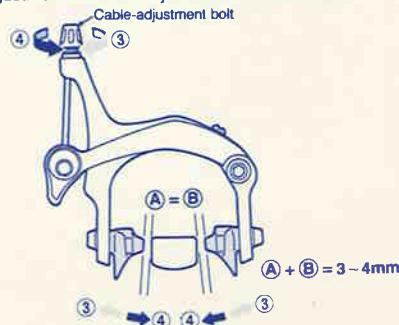
4. Centering of the brake shoe

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.



SHIMANO®

SHIMANO AMERICAN CORPORATION
One Holland Irvine CA 92618 U.S.A. Phone 949-951-5003

SHIMANO EUROPA
Industrieweg 24 NL-8071 CT Nunspeet Holland Phone 31-0412-72222
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SHIMANO INC.
77 Omatsu-cho 3-cho Sakai Osaka 590-8577 Japan Phone 0722-23-3243