

Important Safety Information

WARNING

- The 160 mm disc brake rotor has a stronger braking force than the 140 mm disc brake rotor. Make sure that you have a complete feel for the braking characteristics before using the brakes.

Note:

- For information on installation, also check the dealer's manual for the caliper.

SI-MAR0A-001

Converter for Road Disc Brake mount

Technical service instructions

■ Tightening torque

- Caliper fixing bolts
Caliper fixing nuts
(5 mm Allen key)

6 - 8 N·m {53 - 69 in. lbs.}

- Converter fixing bolts
(4 mm Allen key)

6 - 8 N·m {53 - 69 in. lbs.}

Installation method

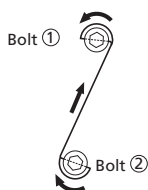
These Service Instructions contain information on installing the converter to the front fork and frame. Refer also to the Dealer's Manual for the brakes for details on securing the converter for the calipers. Use the accessory bolts to secure the converter.

■ Stopping the converter and front fork/frame installation bolts from loosening

Either a snap ring method or a wiring method can be used to stop the bolts from turning. Use whichever method is suitable for the front fork and frame.

<Wiring method>

If bolt ① tries to loosen (counterclockwise), force is applied via the wire to turn bolt ② in the tightening direction (clockwise). However, bolt ② cannot turn any further in the tightening direction. Accordingly, this prevents bolt ① from turning in the loosening direction because it is also connected via the wire. If either one of the bolts tries to loosen, this causes a force to be applied to the other bolt to turn it in the tightening direction. In other words, this system prevents the bolts from loosening.

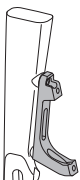
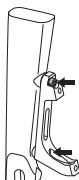
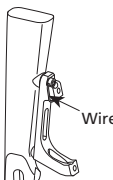


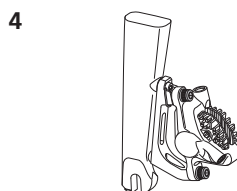
<Snap ring method>

Refer to the diagram at right.

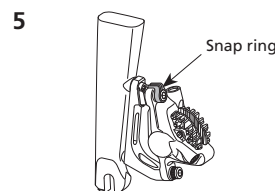
<Front>

140 / 160 mm disc brake rotor

-  Install the converter.
-  Secure the converter.
-  Install the wire.



Adjust the alignment of the brake caliper to the disc brake rotor, and secure the brake caliper.

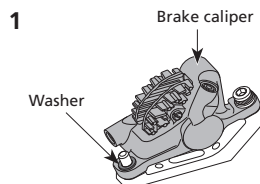


Install the snap ring.

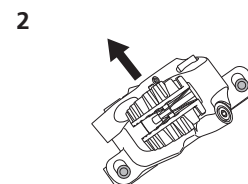
<Rear>

1. Installation of the brake caliper and converter

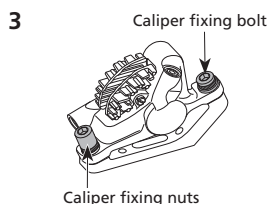
When installing a disc brake rotor for 140 mm



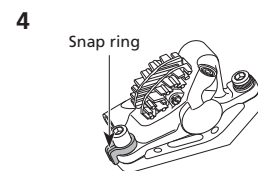
Temporarily fix the brake caliper to the converter. Then install the washer.



Position the brake caliper near the wheel.

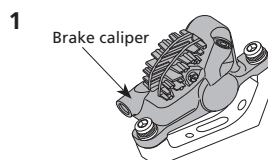


Secure the caliper fixing bolts and caliper fixing nuts.

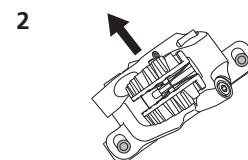


Install the snap ring. Then proceed to "2. Installation of the brake caliper unit on the frame".

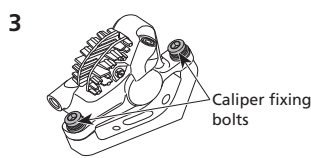
When installing a disc brake rotor for 160 mm



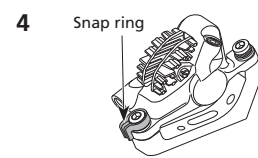
Temporarily fix the brake caliper to the converter.



Position the brake caliper near the wheel.

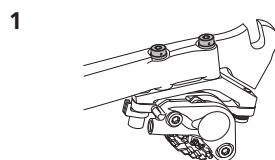


Secure the caliper fixing bolts.

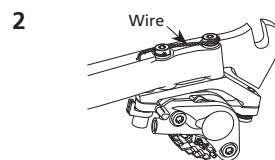


Install the snap ring. Then proceed to "2. Installation of the brake caliper unit on the frame".

2. Installation of the brake caliper unit on the frame



Adjust the alignment of the brake caliper to the disc brake rotor, and secure the brake caliper.



Install the wire.

* Service Instructions in further languages are available at: <http://si.shimano.com>

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