



User Inspired Designs Since 1990

Zoom Caliper Adjustment Instructions

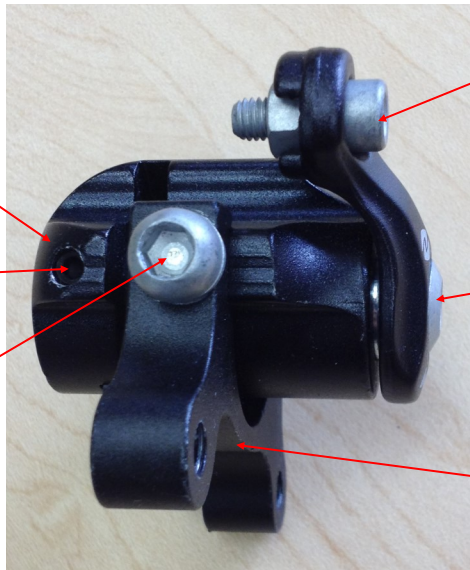
Tools Needed:

1. Allen Wrenches—2.5mm, 3mm, 4mm, 5mm
2. Open End Wrenches—8mm
3. Two (2) Business Cards
4. Snap Ring Pliers

Outer Pad Adjustment
(5mm allen wrench)

Outer Pad
Locking Screw

Attachment Bolts
(5 mm)



Cable Locking Clamp
(4mm allend wrench)

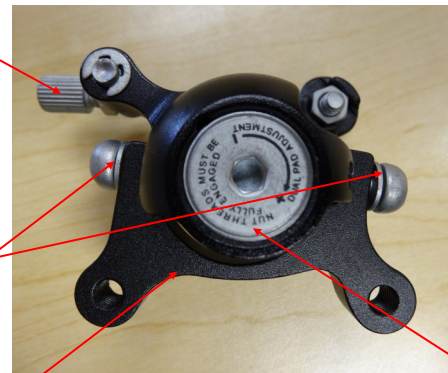
Inner Pad Adjustment
(3mm allen wrench)

“U” Bracket

Cable Locking Clamp
(4mm allend wrench)

Cable Input Barrel
Adjustment and
Locking Nut

Attachment Bolts
(5 mm)



Inner Pad Adjustment
(3mm allen wrench)

“U” Bracket

Inner Pad Adjustment
(3mm allen wrench)



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Directions:

The zoom mechanical caliper has several adjustments:

- A) Inside Pad Adjustor (3mm)
 - B) Outside Pad Adjustor (5mm w/ 2.5mm set screw)
 - C) Attachment bolts (hold caliper to "U" Bracket) (5mm)
 - D) Barrel adjustor for the cable housing (8mm open ended wrench)
1. Start by checking that the pivot arms on both calipers are at full open position when brake is in the neutral (unlocked) position with little to no slack in the cable lever system.
 2. Loosen attachment bolts with 5mm allen wrench. Position the caliper so there is an equal gap between pads on either side of the disc.
 3. The attachment bolts also adjust the angle of the caliper. Be sure the disc is not askew from the pads before tightening the attachment bolts.
 4. Loosen the outer pad set screw with a 2.5mm allen wrench before adjusting the brake pads.
 5. Place one business card (approximately 0.020" thick) on each side of the disc between the pads. Turn the inner adjustment (3mm allen wrench) and the outer adjustment (5mm allen wrench) a little at a time until tight against the business cards and disc. Back off the adjustment just enough so cards can be slid out.
 6. Lock down brake levers and check for full braking at the wheels. There should be full locking of the wheels without too much effort to push the lever assembly. Make slight adjustments to the outer pads (5mm allen wrench) to achieve this action.
 7. Once full braking with minimal lever effort is achieved, tighten the outer pad locking screw (2.5mm allen wrench) with brakes fully engaged.
 8. Test the braking system on the ground by a series of hard stops and slow braking. Make note of any veering caused by the brakes. Adjust this tracking by turning the cable input barrel adjustors. When tracking is even, after several test brakes, tighten the barrel adjustment nut with an 8mm allen wrench.