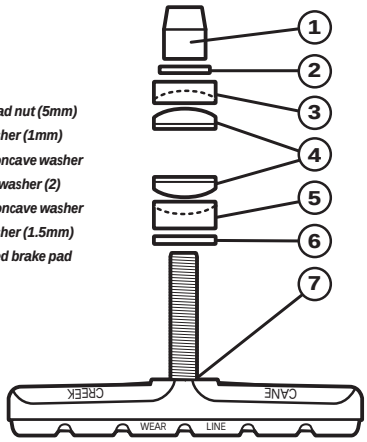
DIRECT CURVE 2 Brake Instructions

Arm Installation
Clean and grease fork and stay pivot bosses. Install the spring system, brake arm, washer and mounting bolt onto each pivot (plastic plugs, used in shipping, will be pushed out). Insert the spring-base pin into middle hole of pivot boss. The linear spring should press against the linear spring stops. Use the supplied 5 mm x 1 mm attaching bolt to anchor the brake arm to the arm post. Tighten the mounting bolts. Final tightening torque: 8-10Nm. (Maximum tightening torque: 14.5Nm)

Arm setup
With both pads pressed against the rim, ensure that the distance between brake arms does not does not exceed 60 mm. To decrease distance between brake arms, exchange wide and narrow spacers on each brake pad (illustration to the right).



1. *Brake pad nut (5mm)*
2. *Flat washer (1mm)*
3. *Small concave washer*
4. *Convex washer (2)*
5. *Large concave washer*
6. *Flat washer (1.5mm)*
7. *Threaded brake pad*

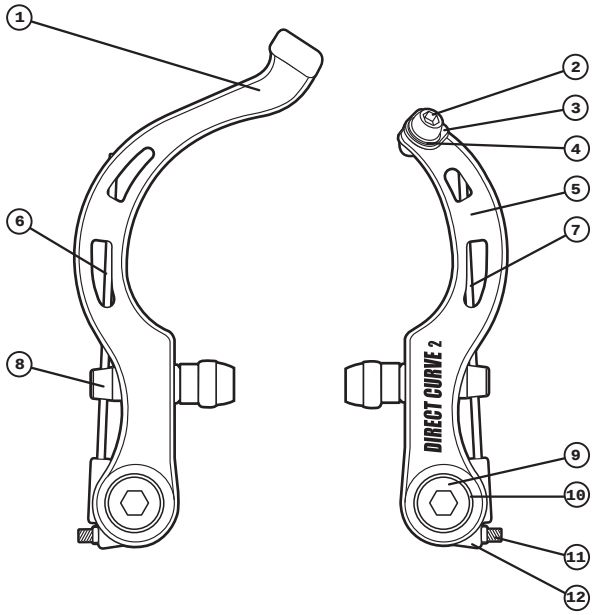
Brake pad alignment
Before finally tightening the brake pads, make sure they are aligned correctly on the rim, and there is a gap of 1mm between the top of the rim and the top of the pad. Hold each pad against the rim (one at a time) and tighten the mounting nut. Final tightening torque: 6-8 Nm.

Cable/casing assembly
Insert the cable through the longer arm's cable/casing stop and anchor bolt washer. Set the cable in the anchor bolt so that the combined pad/rim clearance is 2 mm, then tighten the anchor bolt. (If the clearance is not 1mm each side, proceed to "Spring Tension Adjustment" section. Final tightening torque: 6-8 Nm. Crimp the end cap onto the cable end.

Spring Tension Adjustment
Balance the brake arms by turning the spring-tension adjusters with a 2 mm hex wrench. Depress the brake lever a few times while checking to see that the tension is equal for both arms.

NOTICE! The pad/rim contact should occur at the same time on each side. Clearance between the rim and brake pad should be 1 mm on each side. Each arm's spring tension can be equalized by using a 2 mm hex key - rotating the wrench in a clockwise direction will move the arm away from the rim. Do not set the tension too high.

CAUTION! Direct Curve brakes must be used with linear pull ("High Leverage") brake levers only. Linear pull brakes offer considerable braking power with little leverage force and require practice at low speeds before normal use.



1. *Left arm*
2. *Cable anchor bolt*
3. *Cable anchor plate*
4. *Cable anchor washer*
5. *Right arm*
6. *Left linear spring*
7. *Right linear spring*
8. *Brake pad assembly*
9. *Attaching bolt (M6x14)*
10. *Pivot washer*
11. *Tension adj. screw*
12. *Linear spring (carrier)*

WARRANTY
Cane Creek Cycling Components warrants its bicycle products for a period of 1 year from the original date of purchase. Any product that is found to be defective in materials or workmanship will be repaired or replaced at the discretion of Cane Creek. This warranty applies to the original owner only. This warranty does not cover damage or failure resulting from misuse, abuse, alteration, neglect, wear and tear, crash or impact, lack of maintenance or other conditions judged by Cane Creek to be abnormal, excessive, or improper. It is mandatory that a Return Authorization Number (RA#) be obtained by calling Cane Creek before any product is returned. Additionally, a dated Proof of Purchase must accompany the product when returned. (Revised 7.15.2003)

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