

Freestyle Coil Spring U-Brakes

(Front wheel)

NOTE

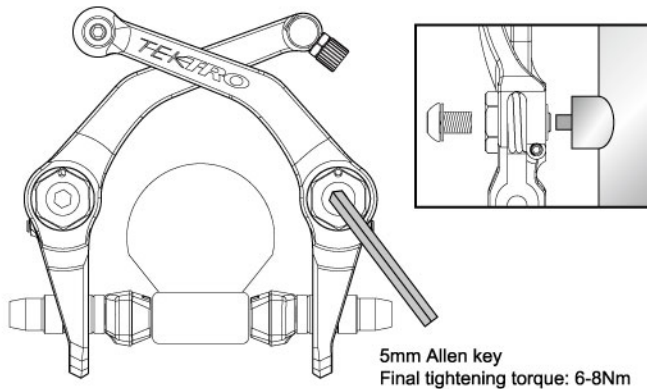
1. Ensure that brake levers are properly installed.
2. Micro tension-adjusters require a 2 mm Allen wrench.
All other bolts require a 5 or 6mm Allen wrench, except anchor bolt (see step 5) which requires a 10mm wrench.
3. Pad / Rim clearance can be further adjusted by turning brake-lever adjusting barrel.

Consult your TEKTRO dealer if you are unsure about installation or adjustment.

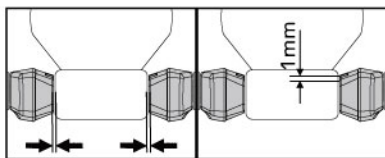
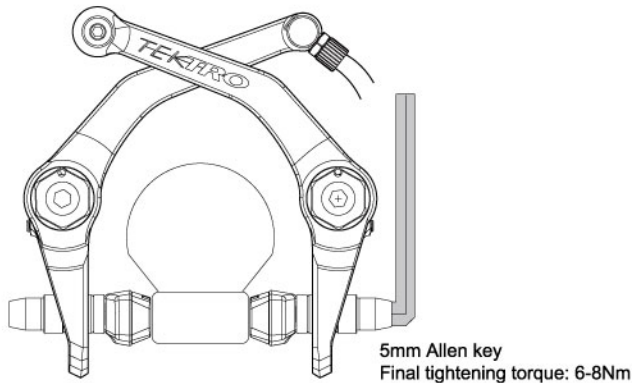
CAUTION

- TEKTRO U-brakes must be used with U-brake levers.
- U-brake offer considerable braking power with little leverage force and require practice at low speeds before normal use.
- TEKTRO is not liable for damage or injury as a result of improper installation or use.

1. Clean and grease fork pivot bosses. Turn brake lever adjusting barrel so barrel is approximately half way out. Install brake arms and mounting bolts (do not fully tighten) onto pivot bosses. Open brake arms to fullest extent so pads are as far from rim as possible, then fully tighten mounting bolts.

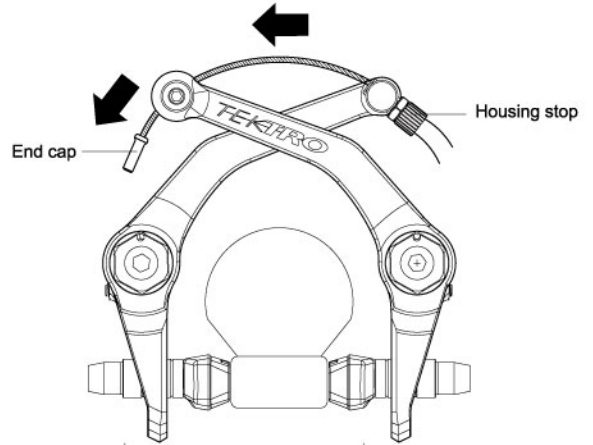


2. To correctly align brake-pads, loosen brake-shoe bolts and hold each pad, one at a time, against the rim while making sure there is a gap of 1mm between the top of the rim and the top of the pad. Fully retighten brake-shoe bolts.

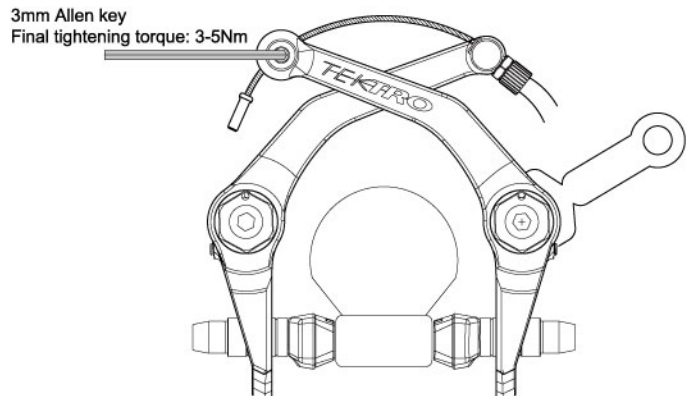


Brake edges parallel with rim

3. Run brake cable down left fork leg, looping it back up to place cable-housing into adjustable housing-stop on brake arm. Insert inner cable through housing-stop, over the top of the brake and through anchor-bolt hole. Holding brake arms together so both pads are touching rim, take up inner-cable slack and tighten anchor bolt.

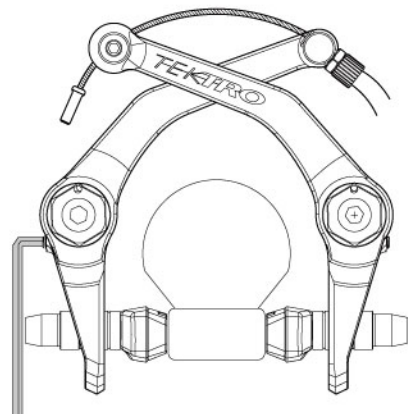


4. Tighten brake lever adjusting-barrel so combined pad-rim clearance is 2-3 mm. If clearance is not 1mm each side it will be balanced out. Crimp end-cap onto cable end.



5. Balance brake arms by turning micro tension adjusters. Depress brake lever a few times while checking to see that tension is equal for both arms. Pad / Rim contact should occur at the same time each side. Clearance should be 1mm each side.

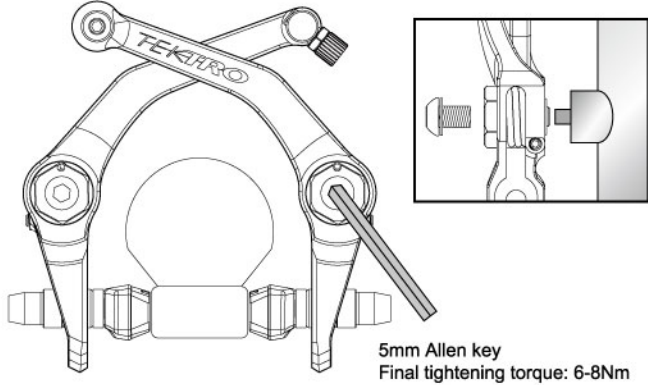
CAUTION: Do not set tension too high as it will impair performance and damage tension springs.



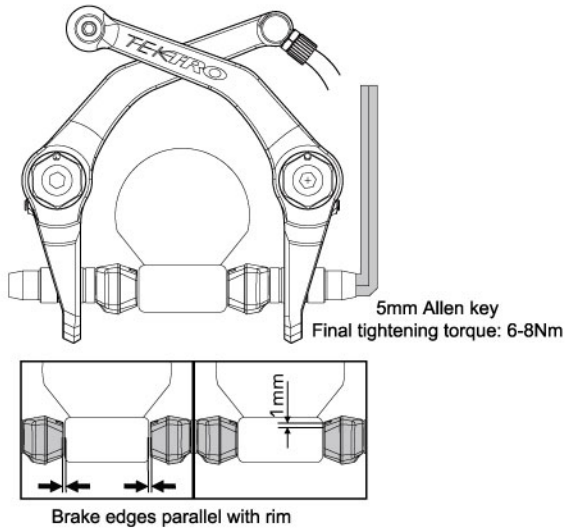
Freestyle Coil Spring U-Brakes

(Rear Wheel)

1. Clean and grease fork pivot bosses. Turn brake lever adjusting barrel so barrel is approximately half way out. Install brake arms and mounting bolts (do not fully tighten) onto pivot bosses. Open brake arms to fullest extent so pads are as far from rim as possible, then fully tighten mounting bolts.

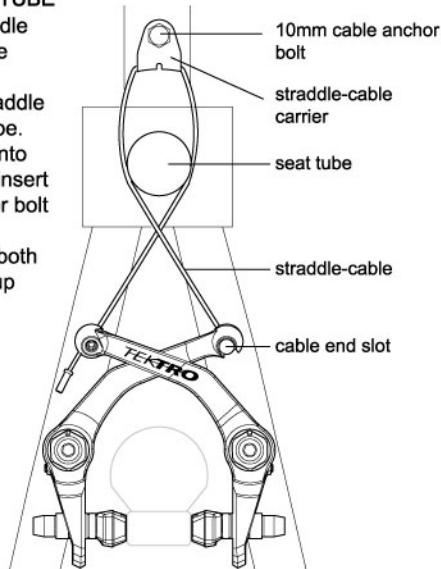


2. To correctly align brake-pads, loosen brake-shoe bolts and hold each pad, one at a time, against the rim while making sure there is a gap of 1mm between the top of the rim and the top of the pad. Fully retighten brake-shoe bolts.



3a. FOR BIKES WITH STRADDLE CABLE CARRIER IN FRONT OF SEAT TUBE

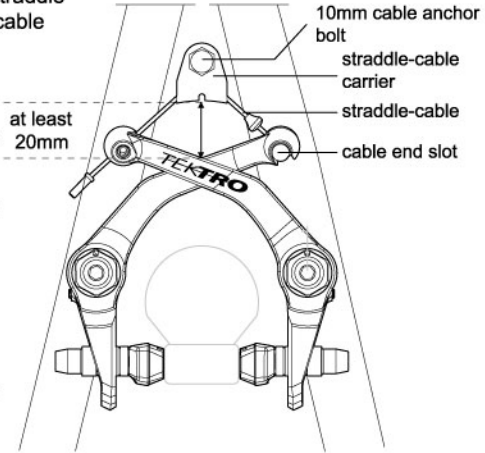
Attach inner brake cable to straddle cable carrier, tighten 10mm cable anchor bolt. Insert straddle cable through straddle cable carrier and around seat tube. Place straddle cable round end into cable end slot in brake arm and insert other cable end into cable anchor bolt in opposite brake arm. Holding brake arms together so both pads are touching the rim, take up straddle cable slack and tighten anchor bolt. Final tightening torque: 6-8Nm.



3b. FOR BIKES WITH STRADDLE CABLE CARRIER BEHIND SEAT TUBE

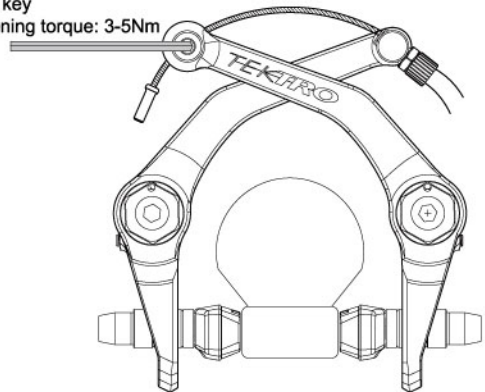
Attach inner brake cable to straddle cable carrier, tighten 10mm cable anchor bolt.

(Position straddle cable carrier so that when brake arms are fully open, straddle cable carrier is at least 20mm from brake arms.) Insert straddle cable through straddle cable carrier. Place straddle cable round end into cable end slot in brake arm and insert other cable end into cable anchor bolt in opposite brake arm. Holding brake arms together so both pads are touching the rim, take up straddle cable slack and tighten anchor bolt. Final tightening torque: 6-8Nm.



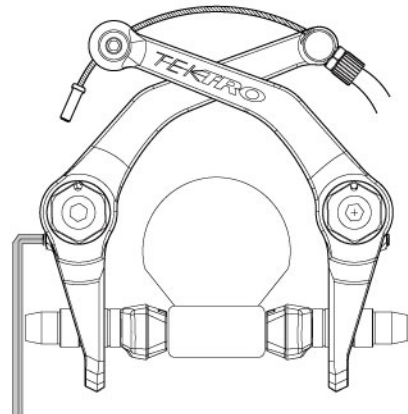
4. Tighten brake lever adjusting-barrel so combined pad-rim clearance is 2-3 mm. If clearance is not 1mm each side it will be balanced out. Crimp end-cap onto cable end.

3mm Allen key
Final tightening torque: 3-5Nm



5. Balance brake arms by turning micro tension adjusters. Depress brake lever a few times while checking to see that tension is equal for both arms. Pad / Rim contact should occur at the same time each side. Clearance should be 1mm each side.

CAUTION: Do not set tension too high as it will impair performance and damage tension springs.



TEKTRO

TEKTRO TECHNOLOGY CORPORATION

[http:// www.tekro.com](http://www.tekro.com)

E-mail: info@tekro.com.tw