



H.O. BRAKE HIGH OUTPUT

INSTRUCTIONS

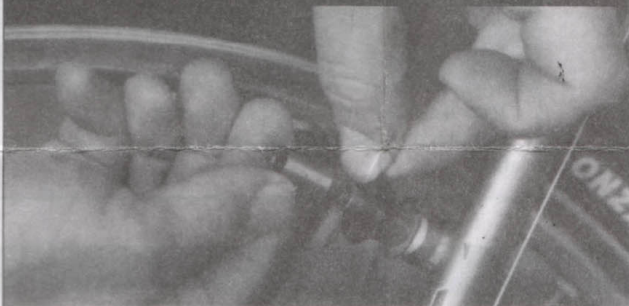
PART NUMBERS

front #BBR-0501

rear #BBR-0502

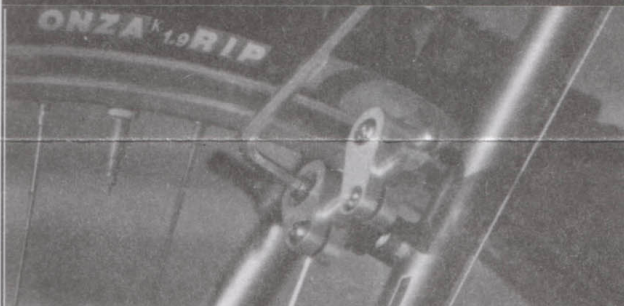
WARRANTY IS VOID UNLESS THIS PRODUCT IS INSTALLED BY A PROFESSIONAL BICYCLE SHOP

step 1



Clean all grease from brake post and install spring tension adjuster and steel sleeve. Lubricate outer surface with a light coat of grease.

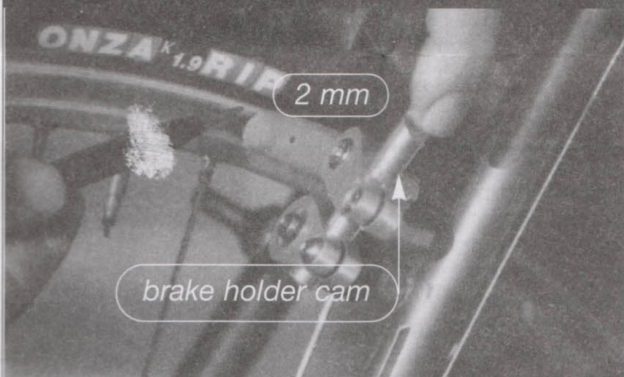
steps 2



2. Looking at brake posts [from front of bike for front brakes, from rear of bike for rear brakes] place gold spring on the right post and the silver spring on the left post.

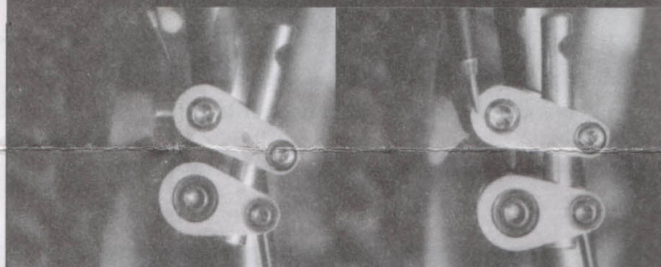
- Install brake arm assemblies.
- Using a 5mm hex wrench, snug mounting bolts into brake posts.

step 3



- Raise or lower brake holder cam so that brake pad will squarely contact the rim. Brake Pad should be at least 2mm from tire.

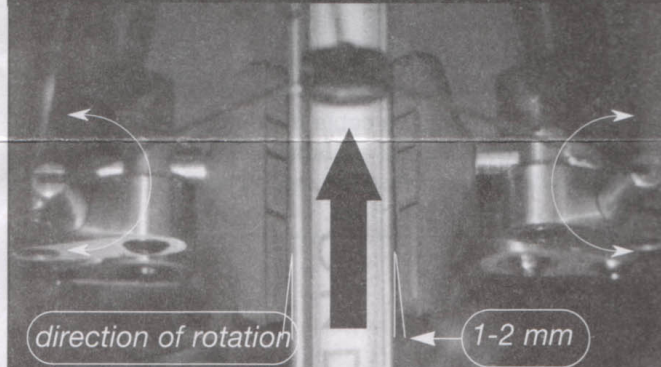
step 4



Hold brake pad squarely against the rim and tighten the pad adjuster bolt. Both pads must be adjusted exactly the same. Torque bolts to 6.8 N-m {5 ft-lb}

Adjusting pad closer to brake holder cam results in a more progressive feel. Moving pad away from cam will increase braking power and decrease progressiveness.

step 5



direction of rotation

1-2 mm

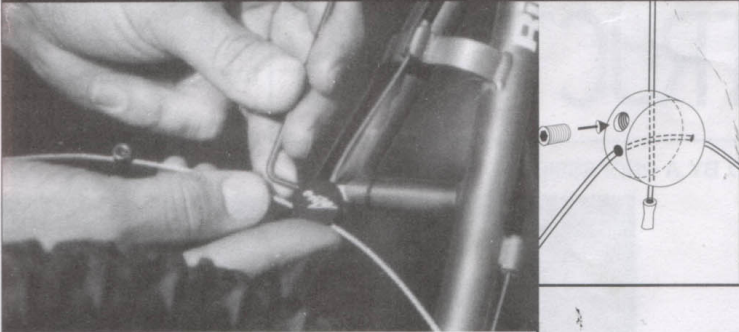
Rotate the brake holder cam. There should be a 1mm to 2mm gap at the rear of the brake pad when the front is touching the rim. Torque each pad to 6.8 N-m {5 ft-lb}

step 6



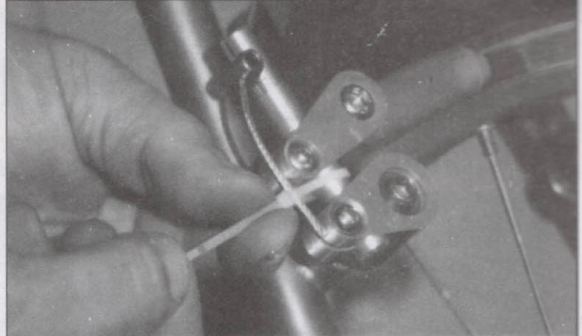
To adjust spring tension, loosen brake arm mounting bolts. Using a 15mm spanner, rotate spring tension adjuster until desired tension is achieved. Holding adjuster in place, tighten the brake mounting bolts to 6.8 N-m {5 ft-lb} CAUTION: DO NOT OVER TIGHTEN BRAKE ARM MOUNTING BOLTS, DOING SO WILL DAMAGE THE BRAKE POSTS.

step 7



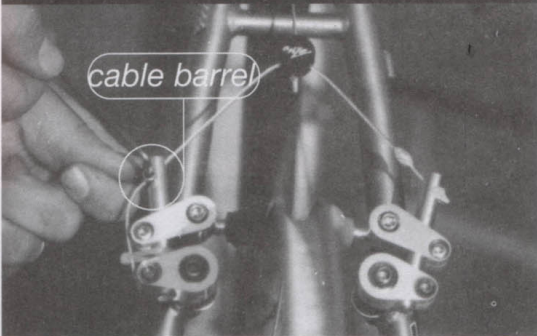
Secure **chill pill**™ cable hanger to brake cable.

step 9



Trim extra straddle cable approx 50mm. Secure excess to brake arm with enclosed zip tie.

step 8

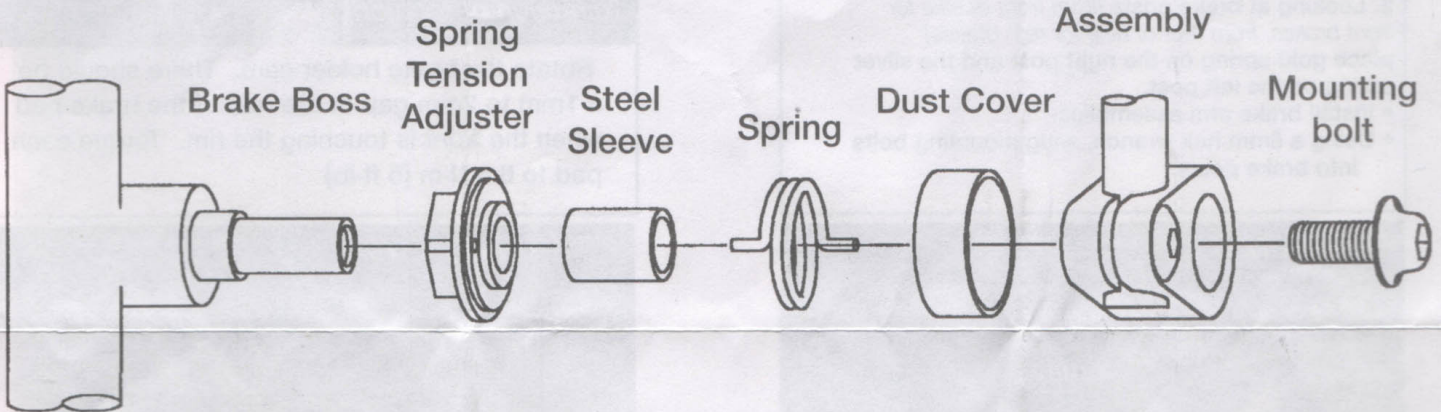
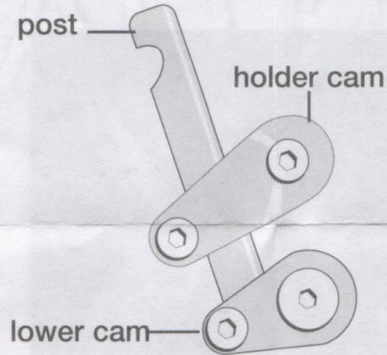


Insert end of straddle cable through hole in cable hanger. Secure adjustable cable barrel to straddle cable. Position cables as per photo and secure all bolts.

extra notes

- Periodically check tightness of bolts on Holder Cam and Lower Cam.
- Periodically check bolt tightness in Chill Pill cable hanger.

brake arm assembly



LIMITED WARRANTY

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