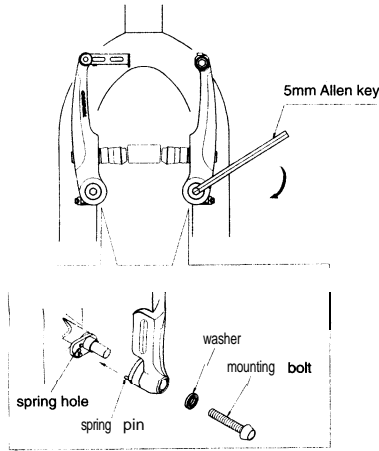


LINEAR PULL BRAKES

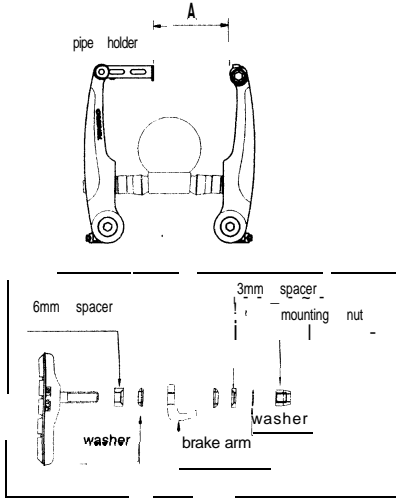
For linear spring design brakes

1 Clean and grease fork and stay pivot bosses. Install spring system, brake arm, washer and mounting bolt onto each pivot (plastic Aver Stops, used in shipping, will be pushed out). Insert spring-base pin into middle hole of pivot boss. Linear spring should press against linear-spring stops. **Please use appropriate mounting bolts: Tektro supplies 2 pairs of bolts, 15mm & 25mm.** Many suspension forks require 15mm bolts whereas standard forks should use 25mm bolts. If in doubt, see your suspension fork installation instructions for details. Tighten mounting bolts. **Final tightening torque: 8-10Nm. (Maximum tightening torque: 145Nm)**

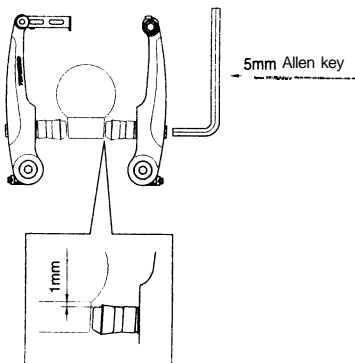


2 With both pads pressed against the wheel rim, ensure that distance-A (in diagram) does not exceed 65mm. [or 45mm in 917A] To decrease distance-A, exchange wide & narrow spacers on each brake pad.

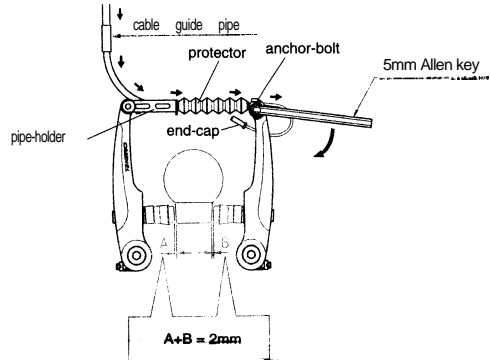
under 65mm (normally 50mm)	under 45mm (normally 30mm)
820A 820AG 820AS	917A
820AGS 82 1 A 823A 824A	



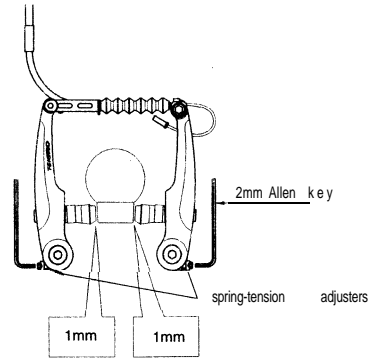
3 Before finally tightening brake pads, make sure they are aligned correctly on the rim, and there is a gap of 1mm between the top of the rim and the top of the pad. Hold each pad against the rim (one at a time) & tighten mounting nut. **Final tightening torque: 6-8 Nm.**



4 Insert cable through cable guide pipe, cable protector and anchor-bolt. Slot cable guide pipe into holder and fit protector over guide pipe end. Set cable in anchor bolt so that combined pad/rim clearance (A+B) is 2mm, then tighten anchor bolt. (If clearance is not 1mm each side, it will be balanced out in step 5). **Final tightening torque: 6-8 Nm.** Crimp end-cap onto cable end.



5 Balance brake arms by turning spring-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 1 mm each side. **Don't set tension too high.**



NOTES

- 1 Cables pass directly from levers, through housing, to cable guide pipes. Use 90° pipe for left-lever/front-brake & right-lever/rear-brake. Use 130° pipe for left-lever/rear-brake & right-lever/front-brake.
- 2 Ensure that brake levers are properly installed.
- 3 Spring-tension adjusters require a 2mm Allen wrench (see Step 5). All other bolts require a 5mm Allen wrench.
- 4 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 LINEAR PULL BRAKES MUST BE USED WITH LINEAR PULL BRAKE LEVERS. LINEAR PULL BRAKES 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.

[All illustrations show 820A]