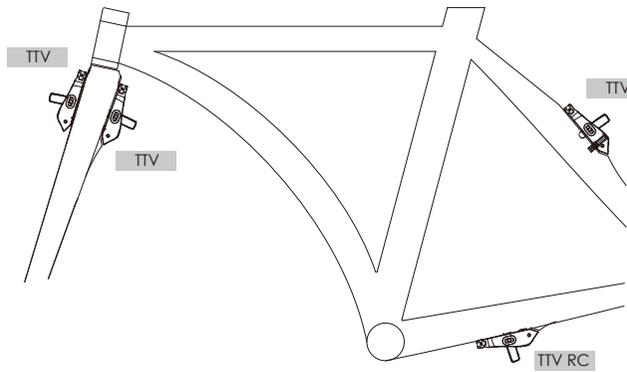


INSTALLATION INSTRUCTIONS FOR AERODYNAMIC TTV BRAKE SYSTEM



WARNING - to avoid serious injuries

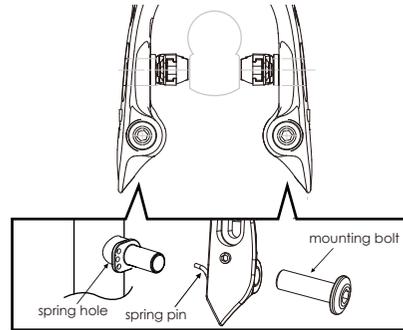
- Improper use of your bicycle's brake system may result in a loss of control or an accident, which could lead to a severe injury. Because each bicycle may handle differently, be sure to learn the proper braking technique (including brake lever pressure and bicycle control characteristics) for your bicycle. Consult your bicycle dealer and the bicycle's owners manual, and practice your riding and braking technique.
- Securely tighten the caliper brake mounting bolts to the specified tightening torque.
- Brakes designed for use as rear brakes should not be used as front brakes and vice versa.
- Obtain and read the service instructions carefully prior to installing the brakes. Loose, worn, or damaged parts may cause serious injury.
- Be careful not to allow any oil or grease to get onto the brake shoes, if oil or grease gets on the pads, the pads should be replaced, and the braking surface of the rims should be cleaned carefully, otherwise the brakes may not work properly.
- Always make sure that the front and rear brakes are working correctly before you ride the bicycle.
- The required braking distance will be longer during wet weather. Reduce your speed and apply the brakes early and gently.
- If the road surface is wet, the tires will skid more easily. If the tires skid, you may lose control of the bicycle. To avoid this, reduce your speed and apply the brakes early and gently.
- Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

NOTE:

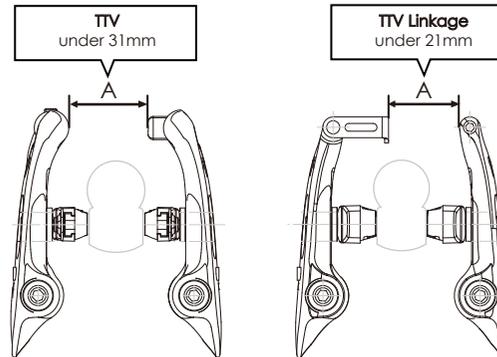
- If using standard TRP brake pads in combination with ceramic or carbon fiber rims, the brakes shoes will wear more quickly than normal. Pads specifically designed for carbon fiber rim surfaces are available from TRP.
- If the brake pads have worn down until the grooves are no longer visible, they should be replaced.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use or crash damage.
- For any questions regarding methods of handling or maintenance, please contact the original place of purchase.

A - Installation of the brake

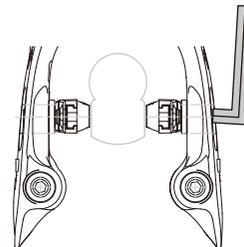
1.) Clean and grease fork and stay pivot bosses. Install spring system, brake arm, washer and mounting bolt onto each pivot. Insert spring-base pin into middle hole of pivot boss. Linear spring should press against linear-spring stops. Please use appropriate mounting bolts.



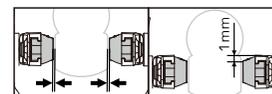
2.) With both pads pressed against the wheel rim, ensure that distance-A (in diagram) does not exceed 31mm or 21mm in linkage version. To increase distance-A, take off inner spacer on each brake pad.



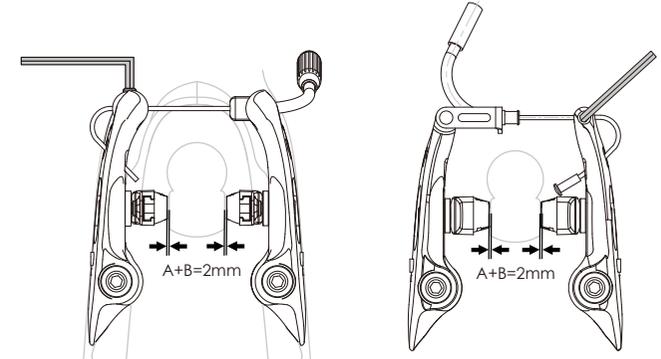
3.) Before finally tightening brake pads, make sure they are aligned correctly on the rim, and there is a gap of 1mm between the top of the rim and the top of the pad. Hold each pad against the rim (one at a time) & tighten mounting nut. **Final tightening torque: 6-8Nm.**



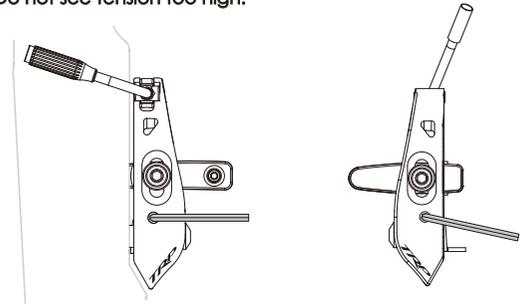
5mm Allen key
Final tightening torque: 6-8Nm



4.) Insert cable through cable guide pipe and anchor-bolt. Slot cable guide pipe into holder. 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 6-8Nm.** 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 1mm each side. **Do not see tension too high.**



6.) Readjust pads so they are properly aligned (see Step3), as tension adjustment will probably have altered original pad alignment.

NOTE

- 1) Cables pass directly from levers, through housing, to cable guide pipes. Use 90° pipe for either left-lever/front-brake or right-lever/rear-brake.
- 2) Ensure that brake levers are properly installed.
- 3) Spring-tension adjusters require a 2mm Allen wrench (see Step5). All other bolts require a 5mm Allen wrench.
- 4) Pad / rim clearance can be further adjusted by turning brake-lever adjusting barrel.

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

CAUTION :

TRP 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.