General Safety Information

**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 owner’s manual and practice your riding and braking technique.

- Securely tighten the caliper brake mounting bolts to the specified tightening torque.

- Do not run with bent or loose bristles. They may cause serious injury to the rider. We strongly recommend using genuine Tektro replacement parts.

- Be careful not to allow any oil or grease to get onto the brake shoes. If any oil or grease does get on the shoe, you should replace the shoes, otherwise the brakes may not work correctly.

- Check the brake cable for rust and fraying, and replace the cable immediately if any such problems are found. If this is not done, the brakes may not work correctly.

- 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 wear more easily. If the tires are worn, you may fall off 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 Tektro’s road brake shoes in combination with ceramic or carbon fiber rims, the brake shoes will wear more quickly than normal.

- If the brake shoes 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.

- For any questions regarding maintenance, please contact the place of purchase.

### Technical Service Instructions

#### Installation of the rear brake

1. **Installing the brake**
   - Insert the caliper center bolt into the brake mounting holes for the rear wheel.
   - Use the included alloy spacers to keep the caliper arms from contacting the seat stays. Thread the mounting nut and squeeze the arms of the caliper together to center the brake while tightening the nut.

   ![Diagram](image)

   **Tighten to a torque setting of Bolt: 6-8Nm / Nut: 8-10Nm**

2. **Brake pad adjustment**
   - Adjust the brake pad position so that the shoe surface aligns with the rim surface as shown in the illustration, tighten the shoe fixing bolt.

   **Note:**
   - Tektro’s road brake allows the angle of contact between the shoe and the rim (toe-in) to be adjusted. Adjusting the toe-in makes it possible to obtain smoother braking operation.

   **Tightening torque:**
   - 5-7 Nm (43-72 in. lbs.)

3. **Cable Connection**
   - Note:
     - The R725 allows the cable to be run through either side of the brake. The cable is pinched by a piece clamp secured by a 2.5mm Allen screw. The two piece clamp and the 2.5mm can be installed on either brake arm. It is not necessary to have a 2.5mm Allen screw securing the flexible noodle side.
     - Thread the cable through the flexible noodle and then through the brake arm securing the tapered end of the cable into the arm.
     - Thread the cable end through the 2 piece clamp making sure the two surfaces of the Clamp are aligned vertically so that the 2.5mm Allen screw contacts the flat area of the Clamp as it sits inside the brake arm.

   **Tighten the 2.5mm Allen screw to a torque of 2.5~3.0 N.m**

4. **Centering the Brake**
   - The return spring tension of each brake arm can be adjusted independently with the 2mm Allen screws on the brake arm. Turning the screws clockwise decreases the tension and turning counter clockwise will increase the tension.
   - Adjust each spring until the brake pads return evenly on each side.

   ![Diagram](image)

5. **Check the Installation**
   - Depress the brake lever firmly to check the adjustment of the cable and brake pads. Make sure the brake is operating properly before riding.

### Replacement of the cartridge pad

1. **Remove the fixing bolt.**

2. **Remove the pad by sliding it along the groove of the pad holder.**

3. **There are two different types of pad and pad holder to be used in the left and right positions respectively.**

   ![Diagram](image)

   **For the left**
   - Same at front and rear
   - Front

   **For the right**
   - Same at front and rear
   - Front

4. **Tighten the fixing bolt.**

   **Tightening torque:** 1-3.5 N.m (7-13 in. lbs.)

   **Please note:** Specifications are subject to change for improvement without notice. (English)

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