**Technical Service Instructions**

**Before Installation**

The Tektro R725 front caliper is designed to be mounted behind the front fork. Do not attempt to mount the brake in the traditional position on the front of the fork.

**Installation of the front brake**

1. **Installing the brake**
   - Fit the center bolt through the brake mounting hole in the fork from front to back.
   - Slide the 9mm spacer over the bolt and fit the small end into the recessed hole in the back of the fork.
   - Next, fit the brake caliper over the mounting bolt with the back of the brake against the 8mm spacer. Thread the mounting nut onto center bolt making sure that the head of the mounting nut fits into the recessed area on the caliper.
   - Squeeze the arms of the caliper together to center the brake while tightening the center bolt and nut.

   **Tighten to a torque setting of Bolt: 8-8N-m / Nut: 8-10N-m**

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 brakes allow 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.

3. **Cable Connection**
   - Note:
   - The R725 allows the cables to be run through either side of the brake.
   - The cable is pinched at a 2 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 secure the flexible needle side.

   - Thread the cable through the flexible needle and then through the brake arm seizing 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 2.5 mm 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 increases the tension of the spring and turning counter clockwise will decrease the tension.
   - Adjust each spring until the brake pads return evenly on each side.

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.

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**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. Slide the new pad into the grooves on the pad holders while taking note of the correct directions and bolt hole positions.

<table>
<thead>
<tr>
<th>For the left</th>
<th>For the right</th>
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<tbody>
<tr>
<td><strong>Front</strong></td>
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<td>Pad holder</td>
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<tr>
<td>Pad holder</td>
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<tr>
<td>Fixing bolt</td>
<td>Fixing bolt</td>
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   **4. Tighten the fixing bolt.**

   **Tightening torque: 1.5-5 N-m (6-15 in.lbs)**

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

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