General Safety Information

- **WARNING**
  - Do not use the bicycle for any other purpose than that for which it was designed.
  - The bicycle should not be used by children or persons with limited mobility.
  - Do not rely on the bicycle as a sole means of transportation.
  - Use only genuine Shimano mineral oil. If other types of oil are used, it may cause problems.

- **CAUTION**
  - Do not cut, heat, weld or pressurize the oil container, as this may cause personal injury.
  - Do not install the nut upside-down.

- **Note**
  - Regular maintenance is necessary to ensure the bicycle remains in good condition.

Disc Brake System

In order to realize the best performance, we recommend that the following combination be used.

- **Brake pads**
  - SM-MA02 (red) for the front brake
  - SM-MB01 (yellow) for the rear brake

- **Reservoir tanks**
  - SM-RT81M / RT67M (180mm)
  - SM-RT81L / RT67L (203mm)

- **Brake hose fixing bolt**
  - 6 - 8 N·m {53 - 69 in. lbs.}

- **Brake pad fixing shaft**
  - 5 - 7 N·m {45 - 60 in. lbs.}

Installation

- **The following tools are needed to assemble this product.**

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

**Usage Location**

- **Faster**
  - For faster tightening of the brake pads

**Wheels, spoke fixing**

- **Check that the system has been level as shown in the illustration.**

<table>
<thead>
<tr>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

**Installation of the brake lever**

- **Provisionally install the caliper to the frame as shown in the Illustration.**
- **Provisionally install the caliper to the frame as shown in the Illustration.**

**Installation of the calipers and brake hose**

- **Install the wheel.**
- **Remove the spacer for bleeding (yellow), and then cut off the hose which has the valve.**

**Installation of the calipers and brake hose**

- **Attach a tube with a bag to the bleed nipple, and then open the bleed nipple and attach a tube with a bag to the bleed nipple.**
- **Attach a tube with a bag to the bleed nipple, and then open the bleed nipple and attach a tube with a bag to the bleed nipple.**

**Installation of the calipers and brake hose**

- **Set the pad presser spring as shown in the illustration.**
- **Set the pad presser spring as shown in the illustration.**

**Installation of the brake hose**

- **Set the pad presser spring as shown in the illustration.**
- **Set the pad presser spring as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**

**Installation of the disc brake**

- **Secure the brake lever as shown in the illustration.**
- **Secure the brake lever as shown in the illustration.**