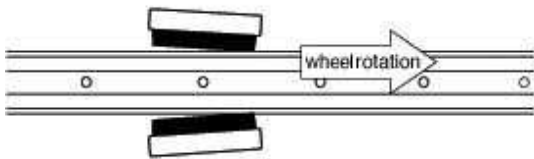




Brake pad Toeing Instruction Manual

Pad Toeing

This is the setting of pad angle as it touches the rim. Toeing refers to setting the pad so the pad's front edge strikes first, which tends to reduce squeal during braking. Caliper arms tend to have play in the pivots and the arms flex when the brake is applied. This may cause squealing in the brake pads. It is simplest to first ride the bike and see if the brakes squeal.



Front of pad strikes rim first for "toe".

Setting Pads

Before setting pads, begin by double checking that the wheel is adequately centered in the frame. If the wheel is moved from current position, pad alignment will be effected.

1. Loosen pad nut/bolt and lubricate curved washers and thread. Adjust one pad to the rim at a time.
2. If desired, install rubber band shim at back edge of pad. This helps to set the toe.
3. Push the caliper arm to the rim and view pad alignment. Align pad correctly in four positions.
 - Set the pad's vertical height on rim braking surface.
 - Set the pad's vertical face to be parallel to the rim's face
 - Set front and back edge of the pad to be level to the rim, so it is tangent to the rim.
 - If toeing with a shim, set it so the front edge and back edge with rubber band should be touching the rim at same time.
4. Tighten pad nut and remove rubber band. Inspect pad alignment again.
5. Repeat alignment of other pad.