

Saint Disc Brake Pro Tune

Brakes work best when the pistons are balanced. This procedure helps make sure each piston can move freely past it's seal when the pads are set ensuring all four pistons are delivering ultimate power.

1. File down one of the yellow bleed blocks. Each brake comes with one, so you will still have one to bleed the brakes with in the future. The idea is to hold three pistons in place and allow the fourth to come out when the lever is pulled.
2. Insert the modified bleed block and pull the lever a few times to extract the one free piston. As long as the block is not filed below the center tab as in the picture there will be no danger of the piston coming out too far.
3. If the brake has been ridden at all, clean the sides of the piston with rubbing alcohol and a cotton swab.
4. Apply a few drops of Shimano genuine mineral oil to the sides of the piston.
5. Push the piston all the way back into the caliper.
6. Remove the yellow block and rotate it to each of the other three positions and repeat the procedure.
7. Now put the unmodified yellow block in the caliper and pull the lever several times. This will make sure all four pistons get started. A piston can stick if it is all the way in so you want them all to be exposed a little before setting the pads against the rotor.
8. Install the pads and mount the caliper to the frame or fork. Leave the mounting bolts a little loose so that the caliper can move freely from side to side.
9. Pull the lever several times to set the pistons and then tighten the caliper mounting bolts while still holding the lever. This will center the caliper over the rotor.

