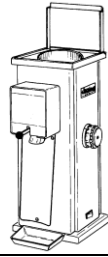




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Ref. Models:  
KF1800

## SERVICE TIP #L11

### GRINDER ADJUSTMENT / CALIBRATION

This simple procedure is for adjusting or calibrating the grinding discs. If you remove or change the grinding discs, you will need to calibrate the grinder.

#### Initial visual inspection:

Inspect the two wings on the rotating plate. If the wings are worn out at the outer edge, they need to be replaced. The wings push the ground coffee out of the grinding chamber, and when the output increases due to the sharpness of new discs, worn out wings will not be able to push the grounds out of the chamber fast enough. This will result in the grinder re-grinding the coffee particles that are trapped in the chamber, and you will lose your particle uniformity. The condition of these wings is very critical for the performance of your grinder.

#### Calibration:

1. Loosen the two screws holding the adjustment wheel onto the gear. (When it is loosened, you will be able to continuously turn the wheel).
2. Turn the wheel and line up to #40 on the dial at the arrow. Tighten one screw on the wheel.
3. Turn the grinder on, and slowly turn the wheel towards a smaller setting until you hear the metal chirping of the discs just touching. If you do not hear metal chirping, repeat Steps 1 and 2 again.
4. Once you hear the discs touching, back the discs up 20-25 numbers on the dial.
5. Loosen the screw on the wheel and line up the #1 setting on the arrow.
6. Tighten the two screws.
7. Grind a test sample on the #1 setting.

**Testing the grind:** Place a cup of beans in the hopper and grind on the #1 setting. The output must be fine grind. If you need to grind a finer particle size, repeat Step 4 but back up only 15-20 numbers.

**Notes:** If on the #1 setting the coffee comes out slowly or in spurts, the discs are too close to each other. Repeat Step 4, and back up 30-35 numbers.

**Special Note:** If you installed new or resharpened discs, the teeth on the grinding discs are very sharp and the grinder will grind faster than the coffee coming out of the spout. The grinder could choke. Close the gate half way for the first 1,000 pounds of coffee until the discs break in. You can slowly open the gate more until the flow matches the grinding speed. If you do not regulate the flow of beans into the grinding chamber, some of the ground coffee will spin around in the grinding chamber and get reground, and your output will be finer, non-uniform particles.

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