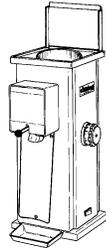




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Serving the Whole-Bean  
Coffee Market Since 1968  
[www.ditting.com](http://www.ditting.com)

Ref. Models:  
1203 Series  
1403 Series

## SERVICE TIP #R19

### LOWER ROTATING DISC REPLACEMENT USING DITTING'S ROTATING DISC PULLER TOOL

1. **UNPLUG THE COFFEE GRINDER.**
2. Remove the four screws holding the lid/cover assembly and remove it with the hopper.
3. Remove the screws that hold the top stationary disc flange.
  - a. Pull out the stationary disc and set it aside. If the stationary disc does not come out easily, tap the circumference where the bolts are located with the handle of your screwdriver. This should loosen any coffee grinds that may be wedged between the disc and the grinding housing.
4. Loosen the screw in the center of the adjusting knob (on the right side of the machine) and slowly remove the screw, the aluminum backing plate, and the spring behind it.
  - a. Unscrew (counter-clockwise) the adjusting gear/cone and set aside.
5. Remove the center bolt holding the lower rotating disc. You need to place the soft handle of a pair of pliers in the opening of the grinding chamber where the coffee goes out to the discharge tube to prevent the rotating disc from moving.
  - a. Take out the washer behind the bolt and replace the bolt in the hole (finger tight).
6. To remove the rotating plate:
  - a. Using Ditting's rotating disc puller tool: use two base screws (part #50451) to attach the disc puller to two of the screw holes on the rotating plate. Use a large screwdriver to tighten down the eyebolt, causing the plate to separate from the rotor. Lift up and remove.
  - b. Without Ditting's rotating disc puller tool: Take a large wood dowel (or a piece of hard wood), place it on the head of the center bolt and hit it with a hammer (hard, if need be) to push away the cone-tipped shaft from the lower rotating plate. The rotating disc is press-fit on the motor shaft. Remove the center bolt and remove the plate.
7. Remove the rotating plate.
  - a. **If you are changing the felt ring, remove the existing felt and replace with the new one by slipping it *from the bottom of the plate.***
  - b. Put some mineral oil on the new felt gasket to lubricate it and to make the installation easier. **DO NOT USE OTHER OILS OR GREASES.** Guide the disc into the housing. Do not force it, or you could damage the felt seal.
2. Remove the center bolt, replace the washer that you had taken out, and tighten the bolt back in place. Place the handle of the pliers back into the outlet hole and tighten the center bolt.
3. Reinstall the adjusting gear/cone in the grinder and turn it clockwise until the rotating plate's wings clear the grinding housing and the lower plate spins freely.
4. Clean the mating surfaces free from dirt and coffee, replace the top stationary disc and install and tighten the screws.
5. Replace the cover assembly with the hopper.
6. Plug the grinder into the outlet.
7. **CALIBRATE AND ADJUST THE GRINDER FOR PROPER GRIND.**

Ask for the GRINDER ADJUSTMENT/CALIBRATION service tip  
or see our website at [www.ditting.com](http://www.ditting.com) for this and other service tips.