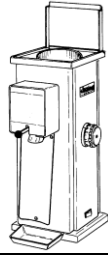




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Ref. Models:
KFG

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SERVICE TIP #S1

KFG SUPERMARKET GRINDER - LUBRICATING

These instructions are for KFG grinders that are frozen and the adjusting dial is not moving. Over time, the grease on some internal parts will dry up, causing some parts to seize. It will be necessary to re-grease the mechanisms to restore the grinder to fully functioning again.

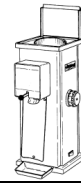
ITEMS TO HAVE HANDY:

Bottle of mineral oil (available in all drug stores), food-grade grease (available from restaurant equipment supply houses, or Grainger P/N 4JB56), a print-out of the KFG operating manual for parts breakdown

1. **Unplug the coffee grinder.**
2. Remove the cover plate from the right side.
Remove the hex nut in the center of the adjusting screw (center of the adjustment dial).
Remove the two screws holding the center washer, and remove the calibration dial.
3. Remove the four screws holding the cover plate on the grinding chamber. If they are not moving, do not damage the screws heads. Use an impact screwdriver to loosen the screws.
4. Take off all the parts in the grinding chamber area, remove the dried up grease and re-lubricate with food grade grease and/or mineral oil.

Sometimes it is hard to pull the rotating disc off as there is no room to grab it. We recommend removing the front spout (2 screws) and the small spring covering the opening (2 screws) so you can see the rotating disc from the opening.

4. With the tip of a flat-head screwdriver, you can reach inside the hole and push the rotating disc out until it comes off the shaft.
5. Clean the shaft and the opening of the rotating disc with fine steel wool.
6. Clean the brass locking pin with the steel wool.
7. Lubricate the shaft and the opening of the rotating disc with mineral oil. Place and line up the hole on the shaft with the opening in the rotating disc. Insert the brass pin.



8. Using steel wool, clean the outside diameter of the rotating disc and the inside of the silver cap. Place mineral oil on the outside of the rotating disc shaft and push the cap on.
9. On the cover plate, you need to loosen the adjusting screw (088) and adjusting bushing (099). They may be frozen due to dried up grease. If you leave the cover plate assembly in hot water for a few hours, the grease may be able to loosen up to where you can turn the center screw. Try not to damage the screw. With a large screwdriver, drive it through to come out of the other end. Clean up the old grease and re-lubricate.
10. Remove the adjusting bushing (099). Turn it clockwise to remove. Clean up the old grease and re-lubricate.
11. Clean the outer edge of the grinding chamber and the mating surface of the grinding chamber cover so that the parts fit perfectly.
12. Reassemble the parts. Install the cover plate on the grinding chamber; the two spring-loaded pins should be at the 6 o'clock and 12 o'clock positions. Pull the two spring-loaded pins from the outside of the cover plate, clean them with steel wool, lubricate them with mineral oil, and place them back in the holes.
13. Leave the adjusting screw backed off but turn the adjusting collar all the way in until it stops (counter-clockwise).
14. Place some grease on the inside of the dial over the area that has the indentations for the stops for different grind settings.
15. Place the dial on the grinder chamber with the black adjusting knob facing all the way up (espresso).
16. Replace the disc (101) and tighten the screws to fit.
17. Leave the hex nut (90) loose.
18. Push the bag sensor lever up and start the motor. Turn the adjusting screw (088) until you hear the disc touching. Back off one revolution and tighten the hex nut. You need to hold the adjusting screw with a screwdriver, and tighten the hex nut with an open-end wrench so that your calibration does not change.
19. Replace the spring over the discharge opening, and replace the spout.
20. Turn the grinder on and move the lever through the different positions to make sure that it is moving freely.
21. Set the adjusting knob to the finest setting and place a handful of coffee beans in the grinder. Grind. Repeat this process on the coarsest setting.
22. If you need to adjust the grind finer or coarser, loosen the hex nut and move the adjusting screw in or out, and lock it in.
23. Place the housing cover back in place and enjoy your grinder!