

## Set-Up instructions

- 1- You can mount to the steel, or plastic tray, or the to the frame rails of your grill.
- 2- Set the gear motor assembly on the tray or across the frame handles.
- 3- Secure it to the handles with the hardware provided. A 1/2" wrench, a adjustable wrench or pliers will be needed to securely mount your motor assembly. The 1/8" hex key will lock the coupling in place. A 5/32" hex key is needed for the motor screws, if the height needs adjusting. If you are mounting to the tray, you will have to locate the motor assembly and drill 2 holes through your tray, and mount with the 5/16" bolts and nuts.
- 4- Line the motor shaft up with the spit rod. You may have to loosen the socket head cap screws that hold the motor to the mounting bracket. You may also have to loosen the bolts that secure the bracket to the base. This will allow you to move side to side, and up and down to suit your rotisserie spit rods location. When you have everything in line, tighten securely. Make sure the motor shaft is in the center of the slot on the mounting bracket so it will not rub the slot.
- 5- Slide the other half of the coupling on the spit rod, you may have to cut or grind the pointed tip of the rod off to allow the set screw to hit on the flat of the spit rod. Make sure that the spit rod only protrudes to the edge of the hole. Now lock it in place. You may have to adjust your solid bearing on the other end of the spit-rod to line up with the carrier bracket.
- 6- Now test the set up by sliding the drum assembly onto the motor assembly. The complete unit should be level and square to the grill to operate correctly.
- 7- Flip the switch on and let run for a minute to check for binds. If all seems OK, you are ready to try your first roast with the new motor.
- 8- It is advised that you make a heat shield between the grill and the motor. This will protect your motor and will add to it's longevity. It can be made from flashing.
- 9- The motor is not enclosed, so do not leave it out in the weather, without proper protection.
- 10- You may notice a drop in you roasting times and may have to adjust your temperatures. The drums large stirring vanes spinning at 57 rpm. Will now act as a hot air fan and will help roast your coffee. Practice and take notes on different beans and batch sizes, and temperatures.
- 11- If your spit rod becomes loose in the tubing, you can remove it and bow it slightly to make it tight again, or take a center punch and put the unit on a supported surface, now punch the square tubing to dent it slightly, this should snug the spit rod,

Caution this is electrical 110/120 AC Volts and should be run on a circuit protected outlet of no more then 15 amps.

The unit is properly grounded, and needs to be plugged into a receptacle that will accept a ground plug.

Improper use or abuse could result in electrical shock, fire or even death.