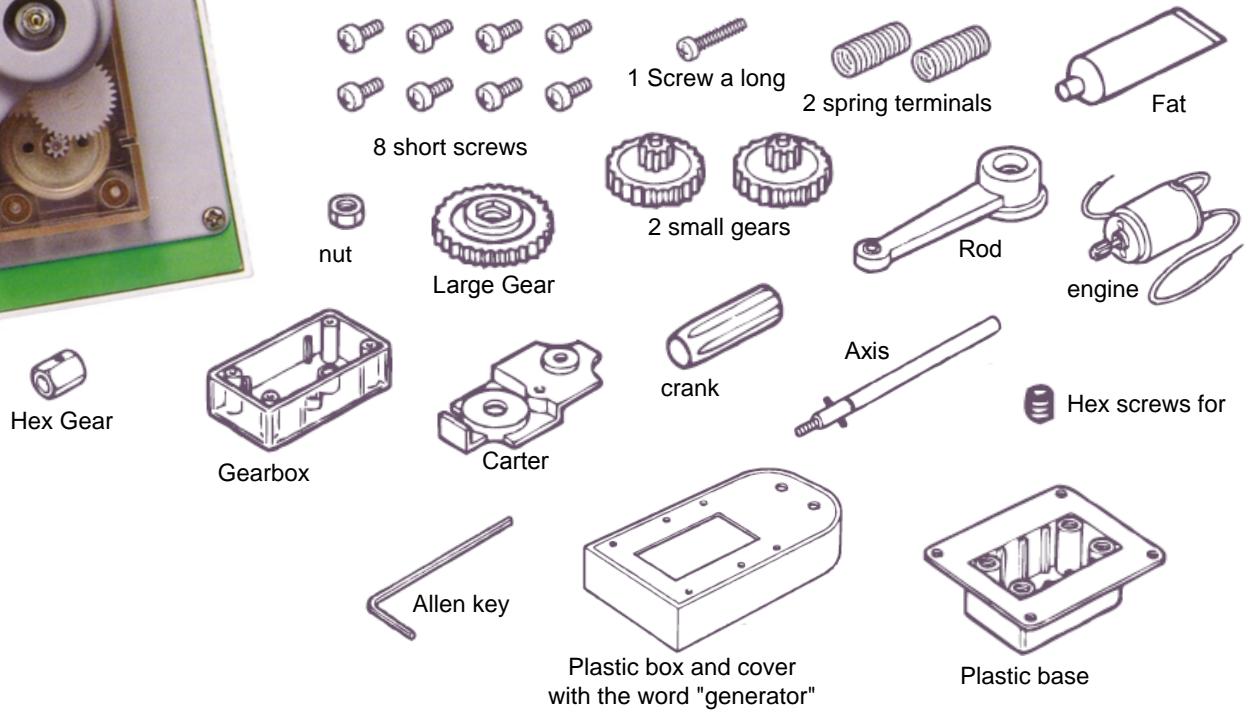


# cebekit

## ELECTRIC GENERATOR MX-902G



### Materials included in the KIT



### Tools needed

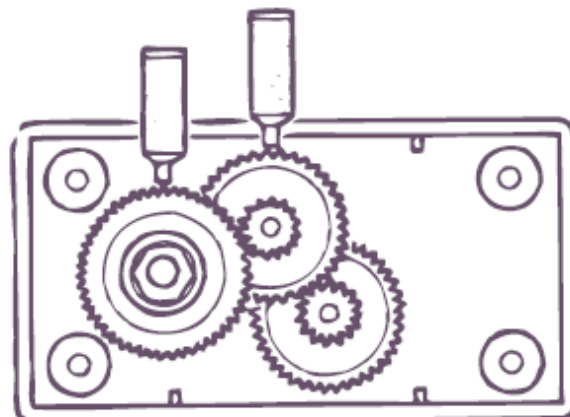
#### This kit


long nose pliers  
cutter  
screwdriver  
Pen

## GENERATOR SET

### STEP 1

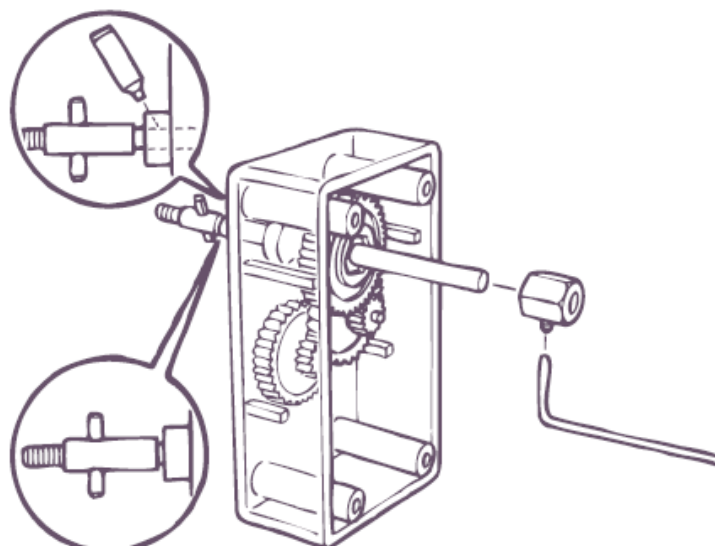
Place two large and small gears in the gearbox with central guide to the top as shown.  
Grease moderately, where indicated



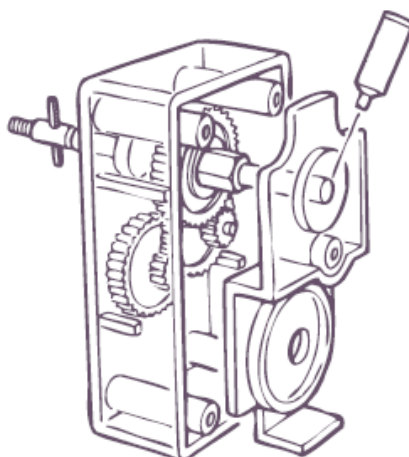
**NOTE :** Apply grease to the points where the symbol is displayed:  in one of the drawings which show

**STEP 2**

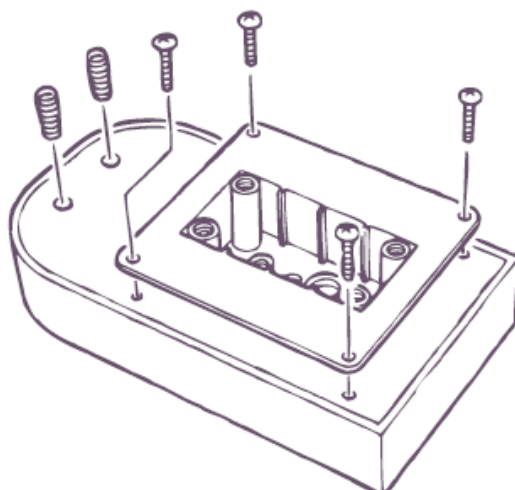
Insert the shaft into the big wheel, then put the hex on the shaft by pushing against the crown. With the screw hexagon, and maintaining the union with the wheel, the screw so that it obtained the position of the nut. Use the hex key to the operation

**STEP 3**

Place the mold in the gearbox. Make sure that the core of each direction of speed is at the center of each hole in the case

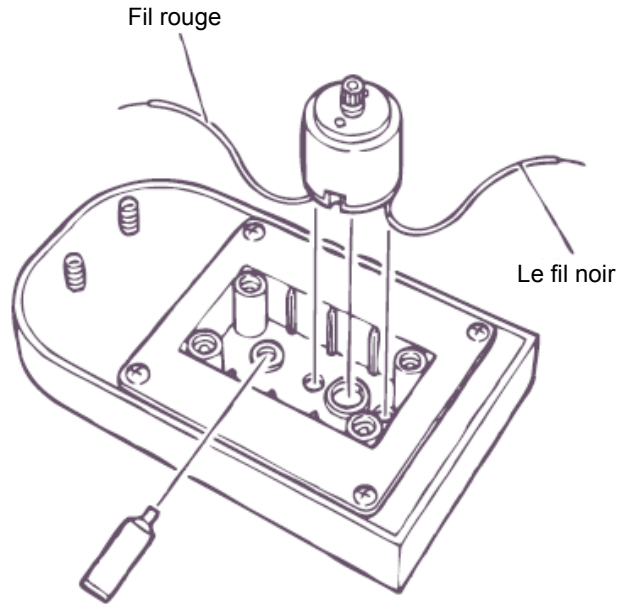
**STEP 4**

Attach the plastic base of the face by four short screws. Insert the two terminals of the spring into the holes provided for this purpose on the face

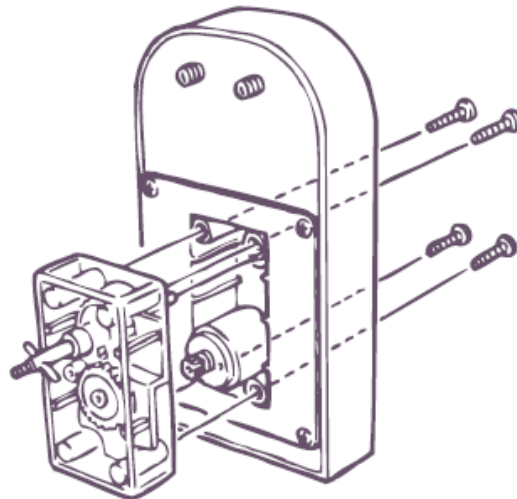


**STEP 5**

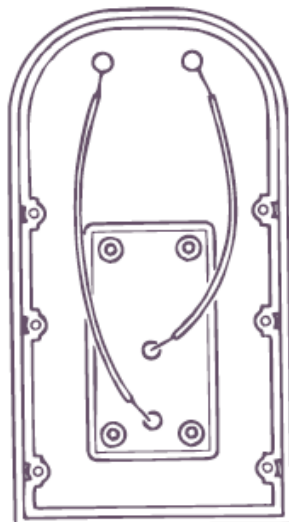
Install the motor in the plastic base by introducing the son red and black through the holes in the table

**STEP 6**

Set the gearbox mounted in 1 to 3 to the plastic base with the engine mounted by four short screws. Make sure the motor shaft and the input match for him in the gearbox

**STEP 7**

Over the engine, which in the previous step introduced into the back cover, the spring terminals

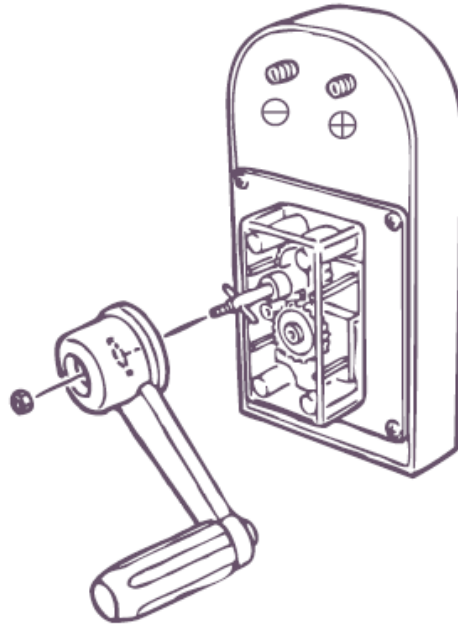


**STEP 8**

Attach the handle on the narrow side of the stem by e ltornillo long, taking care not to over tighten

**STEP 9**

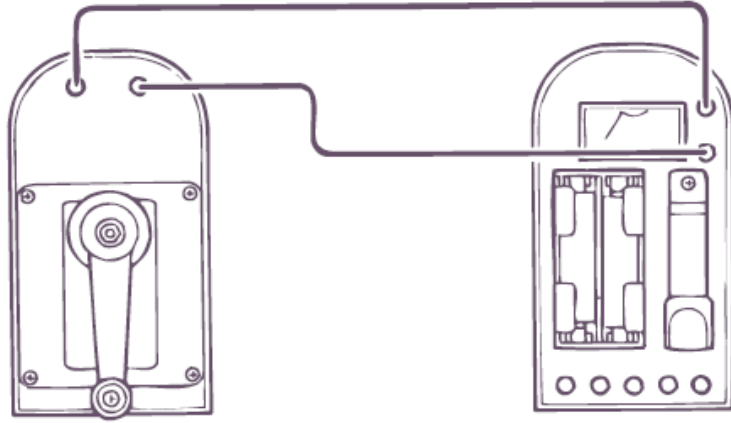
Place the end of the axle and crank over tighten the connection between the nut. This stage, the final assembly is completed and you can start the experiments. The polarity

**EXPERIENCE - 1****Generator operation - DYNAMO**

When the flow passes through an electric motor, spin.  
But what happens when you use the motion of a motor rotating with a mechanical system?.

After wiring established between the "counter" and "generator", gently turn the crank of the generator in the sense of a clock. The motion was carried on the engine generated by the coils and pole magnetic field present. Watch this current in the measuring device "Counter".

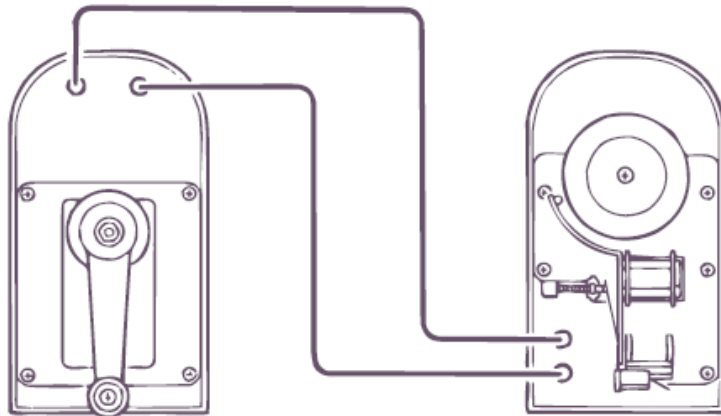
This principle is based on, for example, hydroelectric power, which force causes the movement of water needed for a great "Dynamos" produce electricity



**EXPERIENCE - 2**

**Power Ring by the generator**

Wiring as shown. By turning the handle in one direction or the doorbell rings. If you turn the handle quickly, the generator will produce more power and audio signal is stronger. Greater amount of electricity, more power to the electromagnet and the loudest sounds



**NOTE: This kit is recommended for children aged 10 years, always accompanied by an adult**

