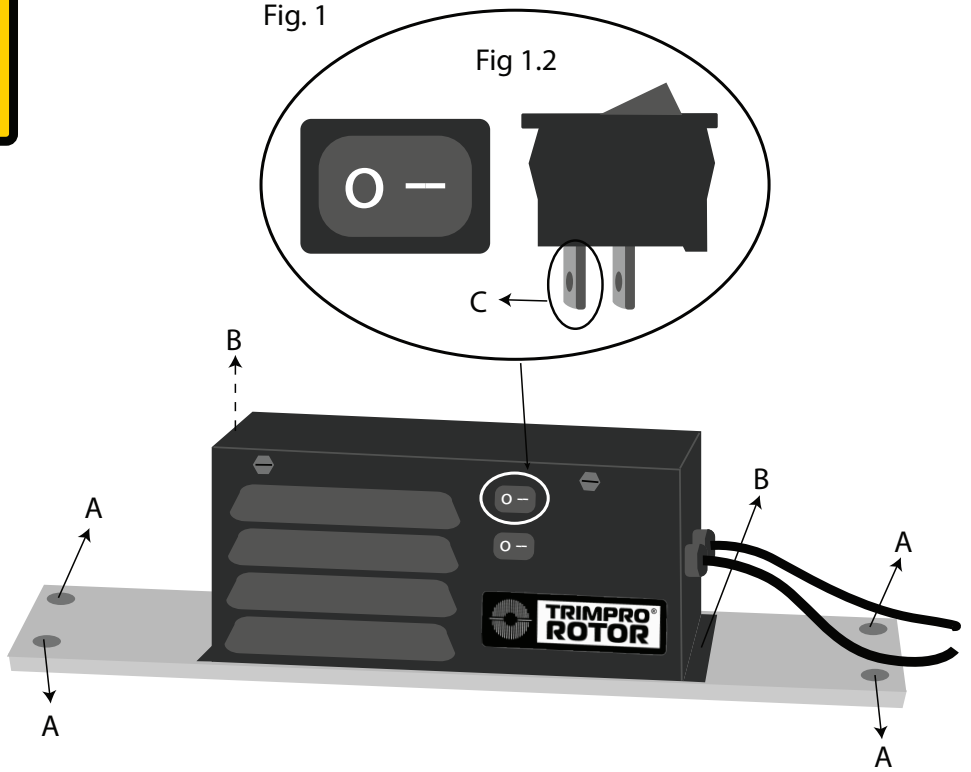




Fig. 1

Fig 1.2



To do all these steps, you'll need a screw driver with square head #2 and a screw driver for hexagonal screw 1/4".

Fig. 2 - 110V

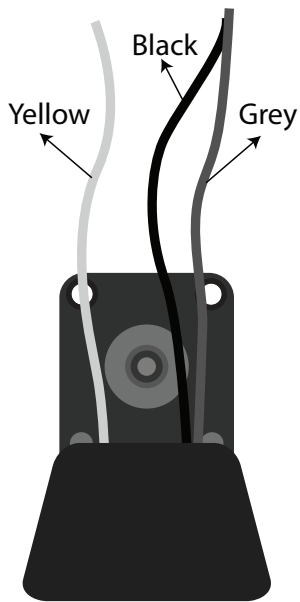
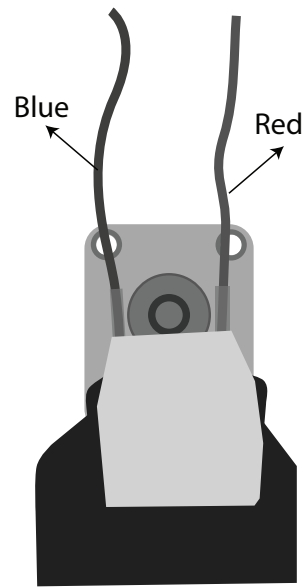


Fig. 3 - 220V



Step 1: Remove the top motor assembly from the rest of the top cylinder by taking out the 4 screws (A), 2 at each end of the aluminum plate. (fig. 1)

Step 2: Take out the black box by removing the 2 screws, 1 at each end (B). (fig. 1)

Step 3: 110V: Based on fig. 2, remove the 2 wires (yellow and grey) from the 3 entry (fig. 7) and 5 entry (fig. 6) connectors, also remove the black wire from the left inside socket (C) located behind of the top on/off switch of the control box (see fig. 1.2). If there is no quick connect connector, make sure you pull it by grabbing the metal part at the end of the black wire, not the wire itself.

220V: Remove the blue and red wires from the quick connect plug, see fig. 3.

Fig. 4

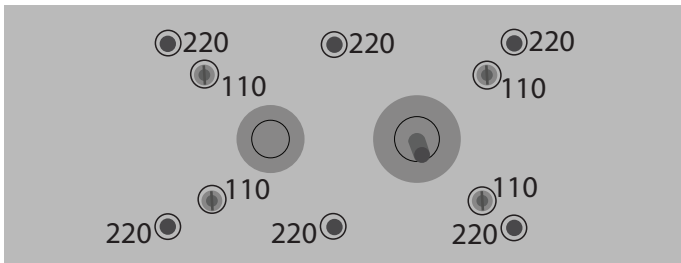


Fig. 5

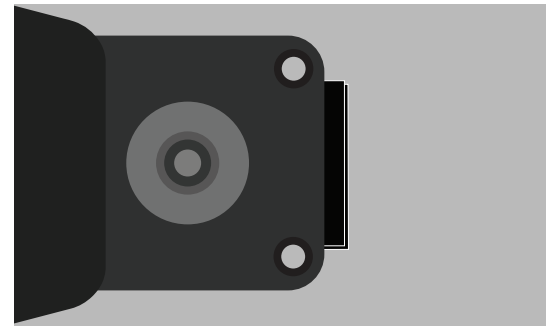


Fig. 6

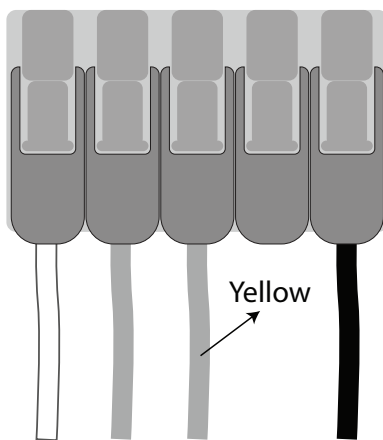
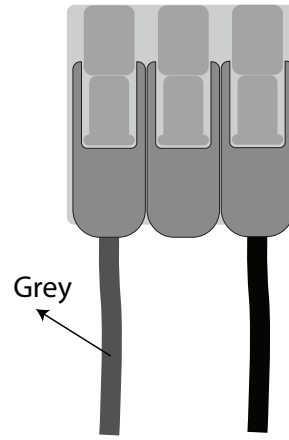


Fig. 7



Step 4: 110V: Remove the 4 screws underneath the aluminum plate with the mention "110" on fig. 4.
220V: Remove the 6 screws underneath the aluminum plate with the mention "220" on fig. 4.

Step 5: Remove the gear motor.

Step 6: 110V: Put the new gear motor into place, make sure the steel shim are placed like on fig. 5 before putting the screws with the mention "110" back (fig. 4). Plug back the yellow wire in the middle slot of the 5 entry connector like on fig. 6 and the grey wire into the left entry of the 3 entry connector just like on fig. 7. Put the black wire on the quick connect connector if there is one, put it back on the top on/off switch left socket C (fig. 1.2) if its not the case.
220V: Put the new gear motor into place and put the 6 screw with the mention 220 back (fig. 4). Reconnect the red (right) and blue (left) wires just like on fig. 3.

Step 7: Put the black box on top and put the "B" screws back in place just like on fig. 1. Put back the top motor assembly into place by screwing the 4 "A" screws just like on fig. 1.