

# Walch Centralin Speed Foaming Automatic Dispenser WLC919

## 3V DC Motor Replacement Guide



**Step 1:**  
Initial disassembly





**Step 2:**

Remove 3 black thin screws to reveal pump diaphragm

**Step 3:**

Remove black diaphragm to reveal 2 metallic screws that secure the motor

**Step 4:**

Remove motor screws and disconnect power connector

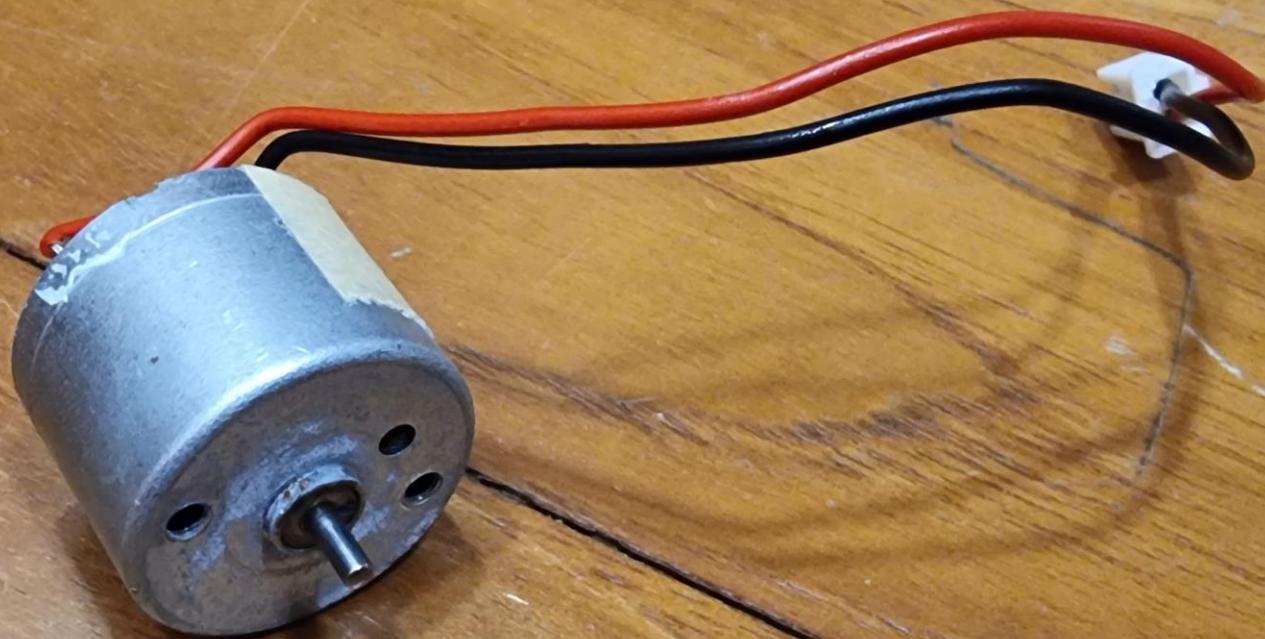
Diaphragm

Power  
Connector





**Motor has been Isolated**

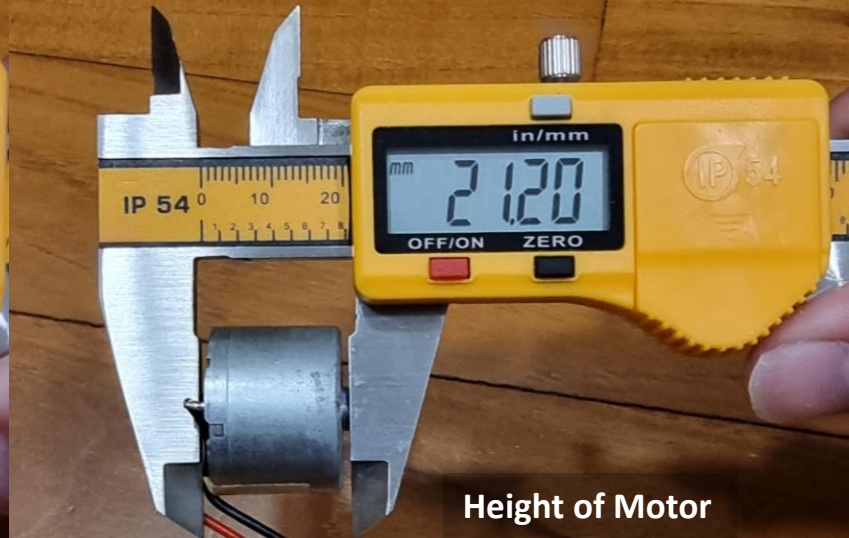




# Measurements of the Original Motor



Diameter of Motor



Height of Motor



Shaft Diameter


### Step 5:

Replace with equivalent motor purchased from AliExpress

It may not be possible to find a motor with the mounting holes of the exact same position as the original motor.

That is fine – you can either secure the motor to the white plastic housing using tape, or if you prefer to use screws then just drill 2 holes on the white plastic housing to match the alignment of the mounting holes of the replacement motor.

10:00 27° 4G+ 45%  
solar generator for h...



1/7



2

**SG\$ 1.07** ~~SG\$ 1.40~~ -23%  
Small 310 Motor Solar DC 3V-7.4V 5V 7500RPM  
Precious Metal Brush Mute Solar Power Motor  
Mini 24mm Round 310 Motor Toy Model  
1 order

**Stock** >

**Specifications** >

**Discounts & Coupons** **Get >**  
2% Off


 STORE  CHAT **Add To Cart** **Buy Now**


10:43 27° 42%  
solar generator for h...



**Overview** Description Recommendations

**Item description**  
RF-310-13400 model motor, suitable for making solar toys or hand generators and other model toys and DIY production  
Specification:  
Motor diameter: 24.2 MM (310 motor)  
Motor shaft diameter: 2.0MM  
Motor height: 18.2 MM  
Length of output shaft: 8 MM  
Weight: 30g  
Voltage range: 3.0V-7.4V  
Voltage: DC3V  
Current: 10 MA  
Speed: 3000 RPM  
Voltage: DC5V  
Current: 12 MA  
Speed: 5000 RPM  
Voltage: DC7.4V  
Current: 18 MA  
Speed: 7500 RPM

**Step 6:**  
Reassemble by following previous steps in reverse order  
  
Good luck!





 STORE  CHAT **Add To Cart** **Buy Now**