



**IMPORTANT:** Please take the time to read through the ENTIRE instructions prior to starting any work. Not following the instructions will invalidate the warranty.

Scan to view Motor Replacement Video online:



<https://solaratticfan.com/installation-videos.html>

## STEP 1

Cover the solar panel with a piece of cardboard to prevent the motor from operating. Tape the cardboard to the panel to secure it in place while working. (A soft cloth can also be used.)

## STEP 2

Using a Phillips Screwdriver, remove the (2) self-tapping screws on each side of the solar panel bracket and set the screws off to the side.

## STEP 3

Lift up the solar panel to gain access to the screws on top of the fan housing. Using a Phillips screwdriver, remove the (4) self-tapping screws that attach the fan housing to the "L" brackets on the fan flashing.

## STEP 4

Lift up the fan hood and reach into the fan housing. Locate the clip holding the solar panel wire pigtail. Using a Phillips screwdriver, loosen the screw on the clip. Leave the clip attached to the wire. Carefully remove the housing off of the flashing.

## STEP 5

Using the 1/8" provided Allen wrench, loosen the set screw on the fan blade and pull it off the motor shaft.

## STEP 6

Disconnect both the red and black electrical wire connectors from the motor.

## STEP 7

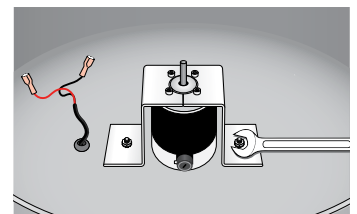
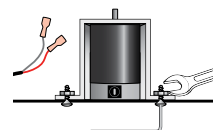
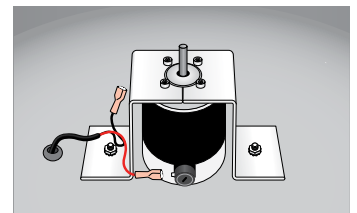
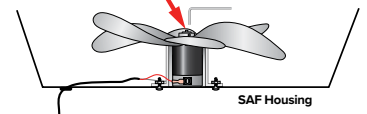
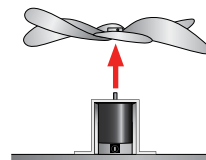
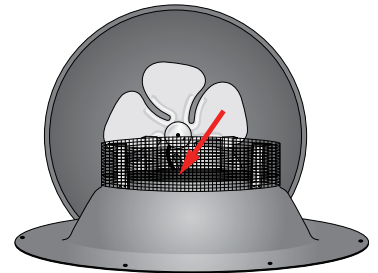
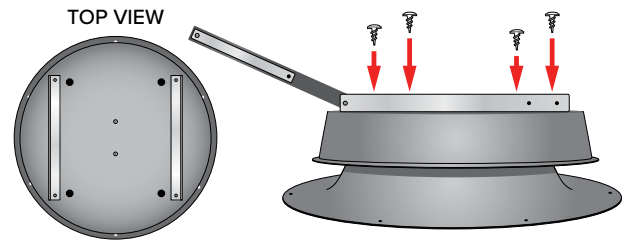
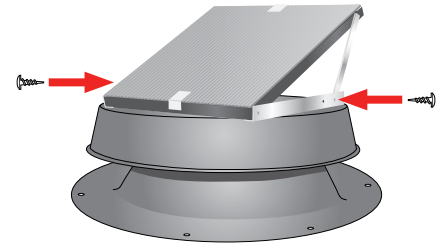
Using the provided Allen wrench, hold in place the motor bracket bolt on the exterior side of the fan housing. At the same time, using a 3/8" wrench loosen (but don't remove) the motor bracket nuts on the interior of the fan housing. With your fingers, hold the 2 bolts in place so that they don't fall out. Then completely remove the nuts. Continue to hold the bolts in place until the next step.

## TOOLS NEEDED:

- Cardboard & Tape (to cover solar panel)
- 3/8" Standard or Socket Wrench
- Phillips Head Screwdriver

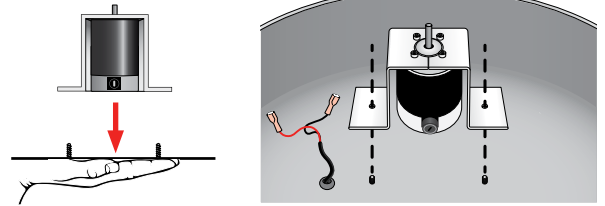
## KIT INCLUDES:

- New Motor and Fan Blade, 1/8" Allen Wrench



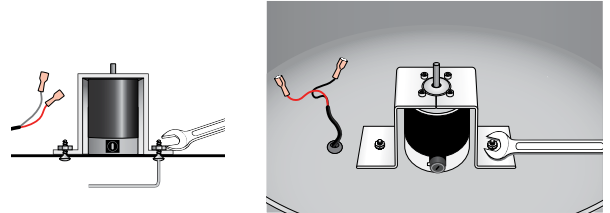
## STEP 8

While still holding the 2 bolts in place with your hand, pull up the old motor off the bolts and replace it with the new motor.



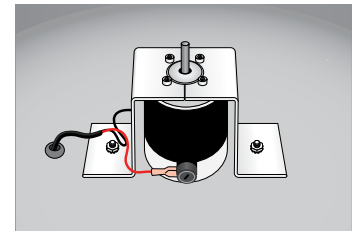
## STEP 9

Replace both of the nuts onto the motor bracket bolts and hand tighten. Re-tighten both bolts using the Allen wrench and the 3/8" wrench.



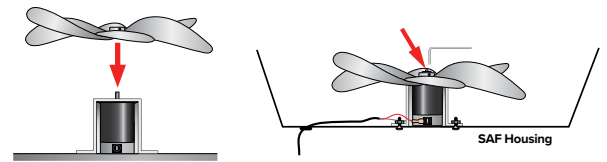
## STEP 10

Connect the motor wires to the new motor. Make sure that the red wire is attached to the connector on the right side of where the main wire enters the housing.



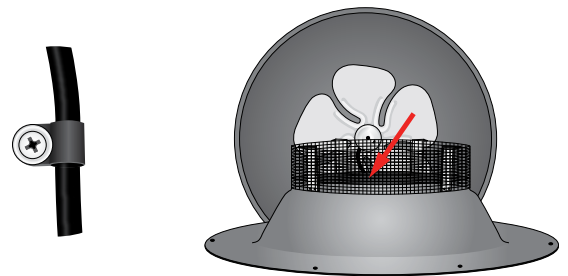
## STEP 11

Slide the new fan blade over the motor shaft and tighten the set screw using the 1/8" Allen wrench.



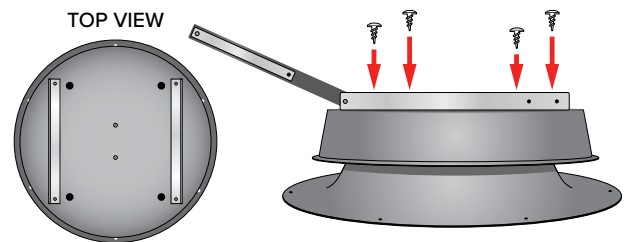
## STEP 12

Taking care not to damage the new fan blade, carefully replace the fan housing. Ensure that the wire pigtail wiring goes inside the unit. Lift up the housing and replace the wire clip screw to the flashing using a Phillips screwdriver.



## STEP 13

Lower the housing over the "L" brackets and line up the holes on the housing with the holes on the brackets. Replace the (4) screws removed in Step 3.



## STEP 14

Adjust the solar panel to the position it will collect the most sunlight. Replace the (2) solar panel brackets screws removed in Step 2. Remove the cardboard from the solar panel.

