



MAXXFAN

FAN BLADE REPLACEMENT INSTRUCTIONS

Parts Provided:



Fan Blade



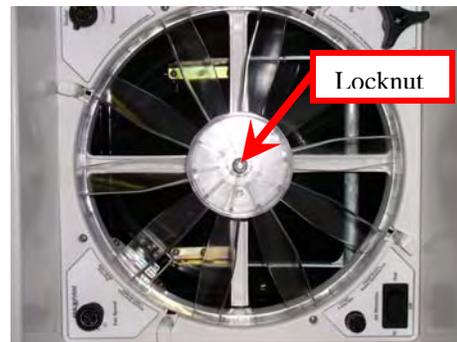
Washer, Motor Shaft

1. **CAUTION:** Turn off 12volt power to MaxxFan.
2. Remove insect screen by turning (4) locking tabs to release, *See photo A.*



Locking
Tab

photo A

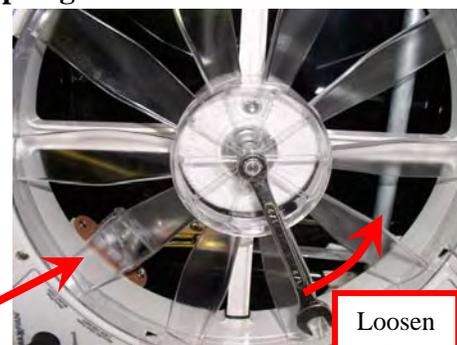


Locknut

photo B

3. **CAUTION:** The fan blade may have sharp edges!

Using a 1/2" wrench or an adjustable wrench, remove locknut that holds the fan blade to the motor shaft. Using a cloth or paper towel to avoid sharp edges, hold the fan blade with one hand to prevent the motor from rotating while loosening the nut. Turn the nut counter-clockwise to loosen, *See photo C.*



Hold fan
blade

Loosen
nut

photo C

4. Locate the small flat on the motor shaft, *See photo D.* Using an adjustable wrench or a 9/32" open end wrench, hold the motor shaft. Tighten the adjustable wrench on the small flat as needed. With your other hand, protected by a cloth or paper towel, turn the fan counter-clockwise slightly to align the flat on the fan blade hub with the flat on the motor shaft. You will feel a slight amount of play between the fan blade and the motor shaft when the flats are properly aligned, *See photo E.*



Photo D

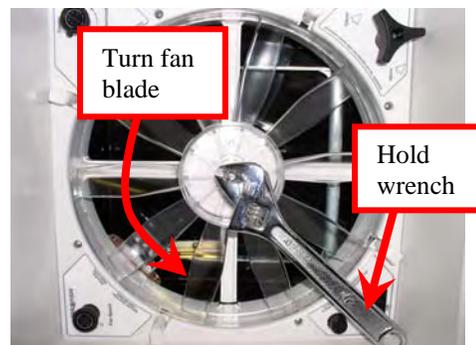


photo E

5. Grasp the fan blade at the center hub and gently pull it straight off of the motor shaft, *See photo F*. The fan blade will be tight and there will be some resistance. You may find it helpful to wrap your fingers around the fan blade hub, pulling, while pressing on the end of the motor shaft with your thumbs, *See photo G*. Do not apply excessive downward force on the motor mounts, *See photo F*.

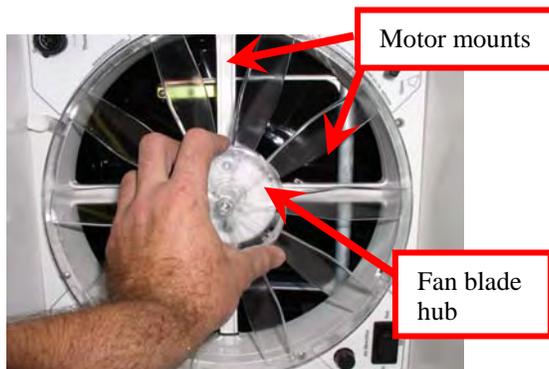


photo F



photo G

When the fan blade is removed, make sure the small washer on the motor shaft underneath the fan does not come off. If it does, slide it back onto the motor shaft before installing the new fan blade, *See photo H*.

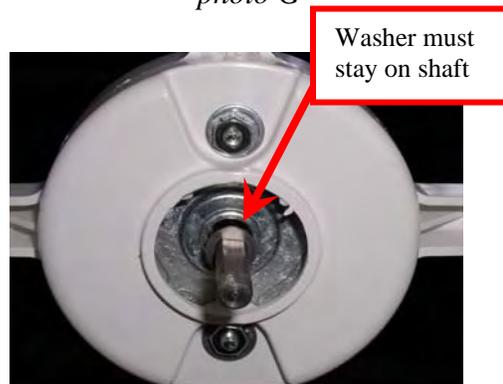


photo H

6. Locate the small metal ring on the boss of the new fan blade, *See photo I*. The fan blade must be placed onto the motor shaft with the metal ring towards the motor. Locate the small flat on the inside of the hole in the fan blade boss. This flat must be aligned with the flat on the motor shaft to properly install the fan blade, *See photo I*. Align the two flats and press the fan blade straight onto the motor shaft until it bottoms out on the shaft washer. The fan blade will be tight going on, make sure the flats are properly aligned before pressing the fan blade onto the motor shaft, *See photo J*.

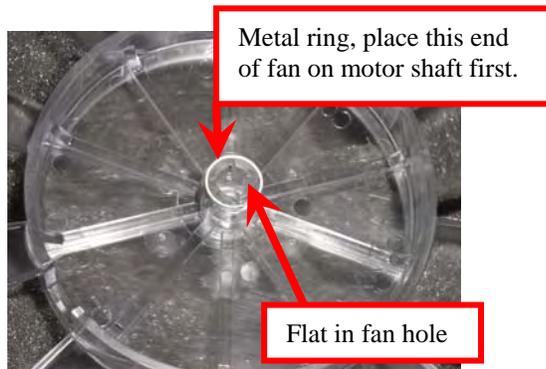


photo I



photo J

7. Place the provided washer onto the shaft, and replace the nut onto the end of the motor shaft, *See photo K*. Using a cloth or paper towel, hold the fan from turning while tightening the nut with the 1/2" wrench or an adjustable wrench. Tighten the nut fully, the end of the motor shaft should just stick through the plastic on the end of the nut, *See photo L*.



photo K



photo L

8. Replace the insect screen and secure with the (4) locking tabs, *See photo M*.



photo M

9. Reapply the 12volt power to the MaxxFan. Turn the MaxxFan on and verify that the fan does not wobble excessively. If the fan wobbles, the flats on the fan hub and the motor shaft may not be properly aligned.