



# How to Replace the Fan Blade Assembly on the Utilitech SFC-1 500B 20 " High Velocity Floor Fan

This guide demonstrates how to remove and replace the fan blade on a Utilitech SFC-1 500B 20 " High Velocity Floor Fan.

Written By: EngineeringCorpsman



## INTRODUCTION

The purpose of this technical description is to explore the Utilitech SFC1-500B 20" High Velocity Floor Fan at the system-level, then discuss the important parts directly related to using the device. This description will give the user a basic idea of fan's design and operation so as to become more proficient in its use.

### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [8mm Nut Driver](#) (1)
- [Magnetic Project Mat](#) (1)

### PARTS:

- [Replacement fan-blade assembly \(purchased directly from Utilitech\)](#) (1)

## Step 1 — Fan Blade Assembly



- ⚠️ Unplug fan prior to repair.
- Remove the Phillips #2 screws securing the fan cover.

## Step 2



- Remove the fan cover.

### Step 3



- Remove the screws holding the plastic wire cover with a Phillips #2 screwdriver and flexible extension.
- If the above attachment is unavailable, use a crescent wrench or pliers to grip the screwdriver for additional torque.

### Step 4



- Remove the green wire that is attached to the motor housing.

## Step 5



- Remove the nuts securing the motor to the back cover of the fan, using a Phillips #2 screwdriver and an 8mm socket driver.

## Step 6



- Remove the power cord from the back cover by sliding the wire off of the two metal rails holding them together.

## Step 7



- Remove the motor from the back of the fan cover.

## Step 8



- The fan is fully disassembled; replace the damaged parts.

To reassemble your device, follow these instructions in reverse order.