



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.

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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.