Patterson

Oscillator Mechanism

Assembly & Operation Instructions

Please refer to Column/Wall Mount Instructions prior to beginning installation of the Oscillator Mechanism.

<u>All items are packaged in 1 box</u>, the contents of the box is as follows:

Part #1: Pre-assembled Oscillator Mechanism
Part #2: Yoke Bearing Assembly
Part #3: Oscillator Linkage Bolt and Spacers

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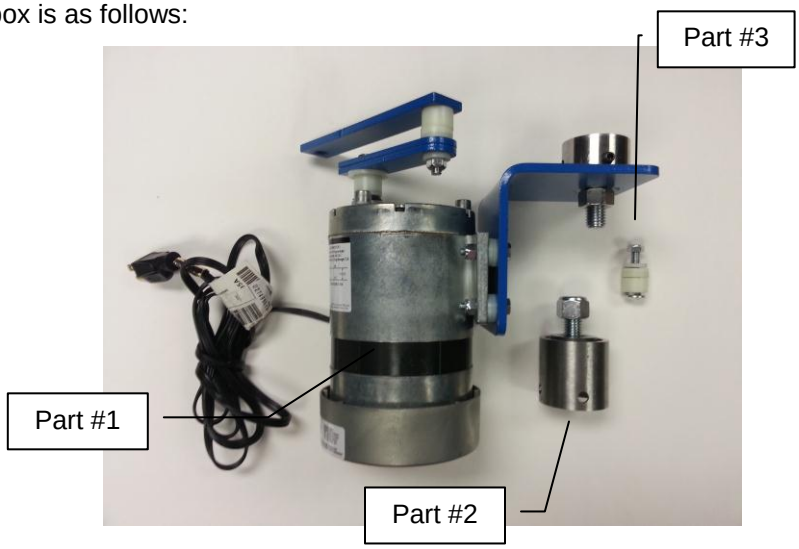


<u>Tools Needed</u>

1. 15/16” Box End Wrench
2. Ratchet with 15/16” Deep Socket
3. ½” Box End Wrench
4. 5/32”Allen Wrench
5. Torque Wrench
6. Channel Lock Plyers

Assembly Instructions

1. Secure the Column/*Wall Bracket* to the solid surface from which you plan to hang the fan. The *Wall Bracket* must be mounted wide side up as shown in the picture to right. See Column/Wall Bracket Instructions (separate document).

2. Attach the Pre-Assembled Oscillator Mechanism to the Pre-Hung Column/Wall Mount Bracket.

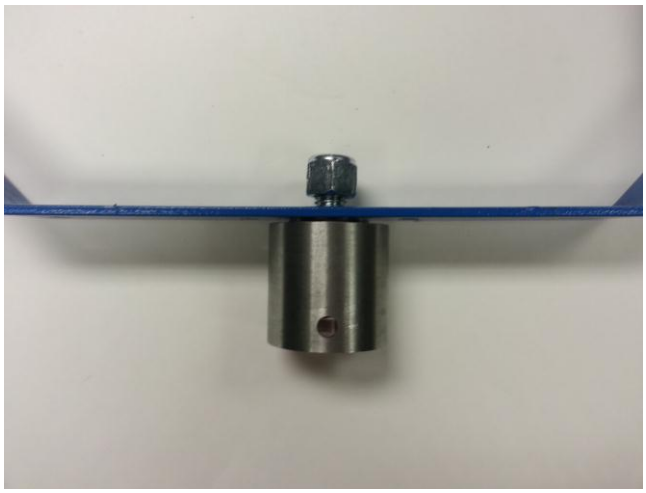
   Tighten the nut on the bottom of the assembly with the 15/16" Box End Wrench.

   DO NOT TORQUE.

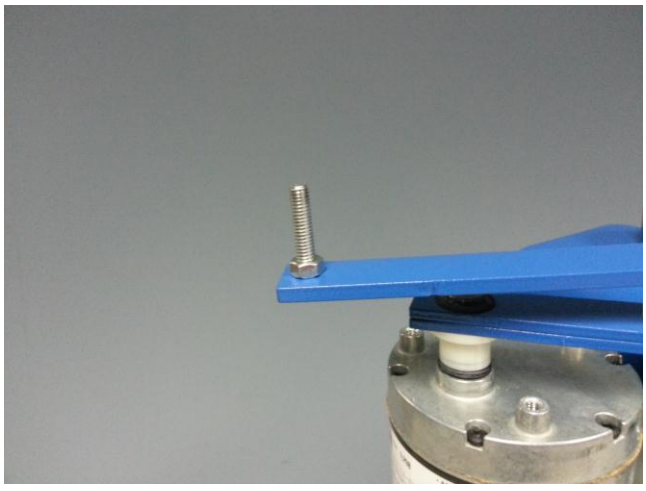
   The position of the Oscillator Mechanism is not important at this step. Adjustments will be made later.

   The Allen Screws are there to keep the bolt head in the proper position; they will be removed in a later step.

3. Attach the Yoke Bearing Assembly to the bottom of the supplied yoke. **Toque Nut to 100 foot pounds.**



4. Attach Oscillator Linkage Bolt to Oscillator Arm. Tighten Nut on to bolt as far down as possible.



5. Place white larger spacers onto bolt from previous step. Save the smaller **BLUE** spacer and nut for later.

   Remove Allen Screws from previously installed Bearing Assembly.

   Place Yoke with Yoke Bearing Assembly onto Lower Bearing Assembly – ensure the Oscillator Arm Bolt passes through the accepting hole in the Yoke.

   Place small **BLUE** spacer and nut onto oscillator arm bolt.

   Tighten nut on Oscillator arm, leave a credit cards width worth of slack in the bolt/spacers.

   Reinsert Allen Screws so they go through both Yoke Bearing Assembly and Lower Bearing Assembly. Tighten Allen Screws firmly.

6. Adjustment of the oscillator can be made at this time.

   The nut holding the oscillator should be snug but not tight from a previous step.

   Rotate the entire oscillator on its axis to the position that suits your application.

   Slightly loosen one of the Allen Screws to give you a point of grip.

   Using the Channel Locks, hold the bearing assembly by locking onto the backed out Allen Screw

   Torque entire mechanism to **100 FOOT POUNDS**

   Tighten the Allen Screw you loosened earlier.

   Unit is now fully assembled.

Patterson recommends safety chains on all equipment installed overhead.

Oscillator Motor Specifications

HP:	**1/20**
Voltage:	**115**
Amps:	**1.6**
RPM-	**2**
Hz:	**60**
Phase:	**1**
Service Factor:	**1.0**
Ambient Max:	**40**
Insulation Class:	**B**
Continuous Duty	

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