

J&J Service Instructions

January 23, 2002

3 Blade Prop Install Pg 1

Three Blade Propeller Installation



Begin by removing the propeller cage cover and propeller cotter pin. The cotter pin can be removed by using a 5/32 drift punch as shown. Be sure the motor is on a stable surface and you are wearing eye protection. Use a spray lubricant to help loosen the cotter pin for removal.



Once the propeller is removed, it is very important to clean the gearbox shaft. It can be sanded lightly with a fine grade sand paper it help remove any corrosion. It must be completely clean prior to attempting to install the new propeller.



Once the shaft is clean slide the new propeller on, line up the pin hole and tap the roll pin completely into place. Once the roll pin is in place re-install the propeller cage.



The 3 blade propeller is designed to turn in the opposite direction than the 2 blade propeller. The next step will be to change the direction the motor turns.

Web Site: <http://www.jjamusements.com>

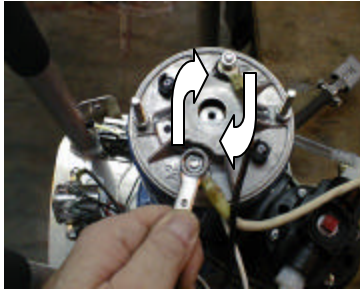
If you have any questions, please give us a call at (800) 854-3140 or (503) 304-8899.

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3 Blade Prop Install Pg 2

****Do not reverse the leads at the batteries! In order for the squirt pump and charging system to operate correctly follow the instructions below.**



With the Pacific Motors (Light blue in color) the direction can be changed by removing the motor cap and switching the power and ground leads . Re- install motor cap and you are done.



With the Leeson Motors (Dark blue in color), the direction can be changed by cutting the leads inside the junction box located on the side of the motor. Re-connection the red wire to the black wire and the black wire to the red wire. As shown in the lower picture Motors with the fuse holder you will need to remove the cover completely in order to get to the red and black wires. Be sure to use the enclosed 10 gauge connectors.



Re-install junction box and cover and your done.

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