Gyro Gear Box Replacement Instructions:

Models: F402, F602, F502, F802

Before you begin, please ensure you have a flat work surface. This surface should be protected with a cloth, carpet pad, etc… to prevent scratching of parts or other components during installation. By following this step by step procedure, you can replace the gear box relatively easily and in less than 10 minutes.

Tools Required: Philips Head Screwdriver, Electrical Wire Cutters,

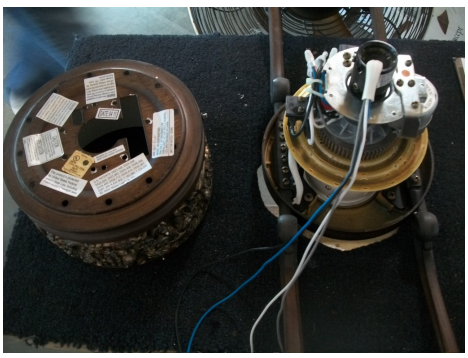
[Step 1.] With the fan laid flat, begin by removing the top ball from the down-rod. Simply loosen the set screw in the black ball and slide the ball downward to remove the metal pin on the inside of the ball. Once this is done, continue to remove the ball completely.

[Step 2.] With the ball removed, pull off the top housing and set aside.

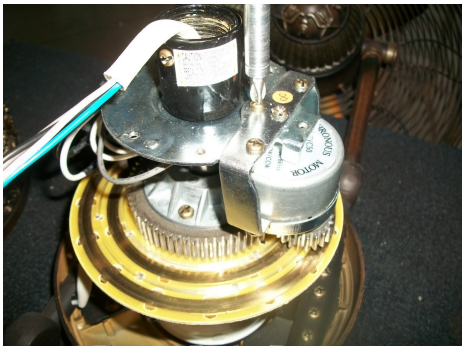
[Step 3.] Now remove the down-rod by removing the set screw at the coupling, remove the cotter pin from the metal pin inserted in the rod and pull it. Finally, unscrew the down-rod and set aside.

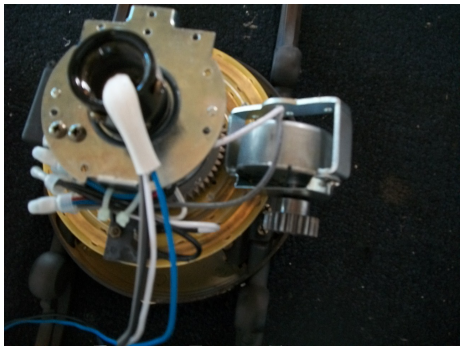
[Step 4.] The top of the fan housing should be completely exposed. Continue by removing the Fan housing cover by removing the 7 screws exposed on the top of the housing cover.



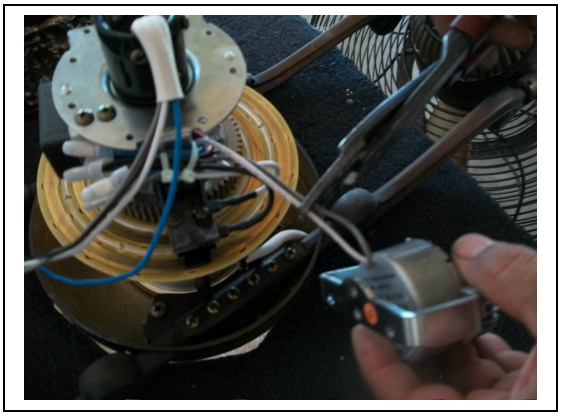


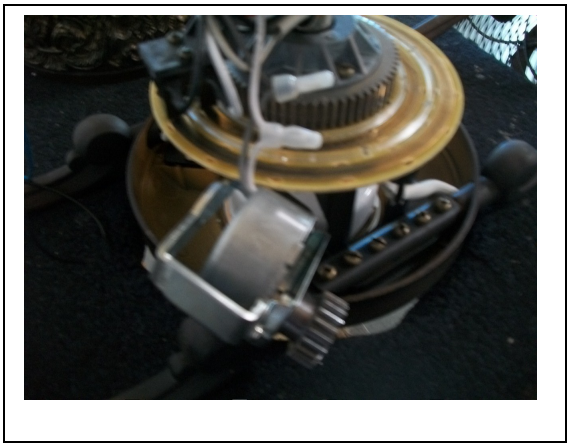
[Step 5.] Locate the gear box and bracket illustrated. Proceed to remove the 4 screws on the gear box bracket. This should loosen the gear box completely. Continue removing the bracket and gear box by cutting the white and grey wires to separate them from the fans wiring. Take notice of where the wires were removed from or mark them so they are easily identified for reassembly.





[Step 6.] Locate the new gear box and bracket replacement. With this unit, reconnect the white wires together and grey wires together. This should be done with crimp style wire nuts or twisting wire nuts to ensure proper contact.





[Step 7.] Place wired gear box into position and reinstall the 4 screws previously removed.

[Step 8.] Replace the top housing cover by aligning the screw hold pattern of the top housing and the down-rod coupling. Screw in all 7 screws completely.

[Step 9.] Reassemble to down-rod to the fan by threading the wire through the rod and screwing the rod into the down-rod coupling. Be sure to align the hole of the down-rod and coupling to slide the metal pin through. Be sure not to force it through the hole as you can damage the wiring. Insert the Cotter pin into the small hole in the metal pin.

[Step 10.] Place the Coupling Cover back onto the top of the housing by putting the wire through the hold and setting the cover on top of the housing.

[Step 11.] Finally, reinstall the black down-rod ball by sliding it down on the rod just below the top hole. Insert the last metal pin through the hole. Pull the black ball upward and tighten the set screw to keep the black ball in position.

Installation is complete. Please refer to your fans Instruction Manual for complete installation instructions for reinstalling your fan.

Please feel free to contact Minka-Aire tech support if you require further assistance.