



TURBO/MAXX FAN MOTOR REPLACEMENT INSTRUCTIONS

1. Remove the four 1/4-20 nuts that hold your Turbo/Maxx to the roof mounted brackets using a 7/16" wrench (FIG 1).



FIG 1

2. Carefully lift the Turbo/Maxx off the four brackets and on its side. It is not necessary to disconnect any wires. (FIG 2).

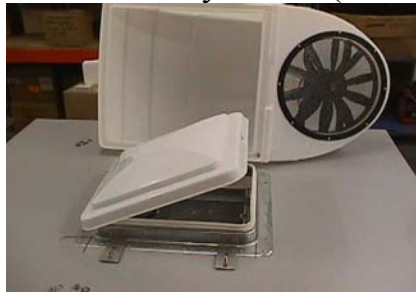


FIG 2

3. Remove the eight screws that hold your bug screen and trim ring in place (FIG 3).



FIG 3



(black trim ring, screen, and screws)

4. Loosen the clamp that holds the fan blade to the motor shaft using a flat bladed screwdriver or a 1/4" socket with extension. Depending on the age of your Turbo/Maxx the clamp may be under the fan blade (out of view FIG 4A). On newer Turbo's the clamp is located on top of the fan Blade (FIG 4B). Remove the fan blade.

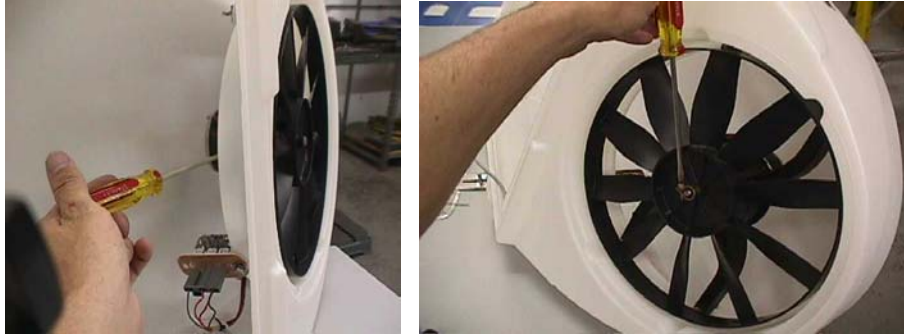


FIG 4A older Turbo models FIG 4B newer Turbo models

5. Loosen the four screws that hold the motor mount in place using a 1/4" nut driver or socket set.



6. Cut the wire tie that secures the motor wire leads to the motor mount. Cut off the **old motor leads** approximately 3" from the motor casing so you can remove the motor mount assembly.



7. Remove the motor mount assembly from the fan housing, using a 5/16" nut driver remove the two nuts holding the motor mount frame to the motor.



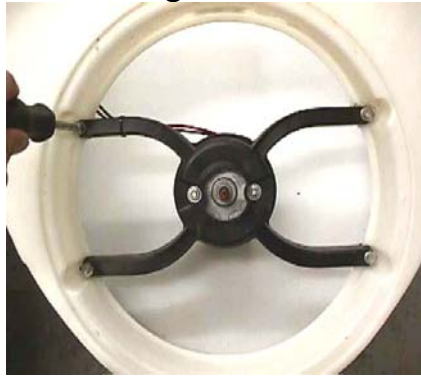
8. Remove the two washers from your old motor studs and install onto the new motor.



9. Place your motor mount onto the new motor, fasten with nuts and washers from old motor.



10. Place motor and mount back into the fan housing, tighten the four screws using a 1/4" nut driver or socket set. Secure the motor lead wires to the motor mount using a wire tie.

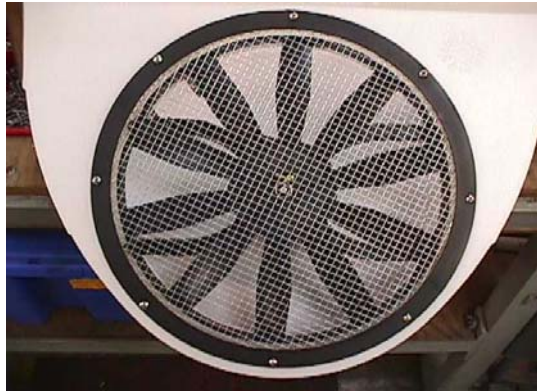


11. Place the new fan blade on the motor shaft with the **clamp facing you** tighten securely (fig 5).



FIG 5 Clamp facing up

12. Carefully reinstall the screen, trim ring, and the eight screws (hand tighten only; do not strip out the screws). Mount the Turbo/Maxx to the roof mounted brackets with the four 1/4-20 nuts.



13. Depending on which model Turbo you own will depend on how your new motor is wired. Newer Turbo Models use a quick connect plug (FIG 6). On older Turbo models you may have to splice the new motor wires using wire nuts or butt connectors (FIG 7), if that is the case you must first cut off the plug on the new motor (FIG 8).



FIG 6

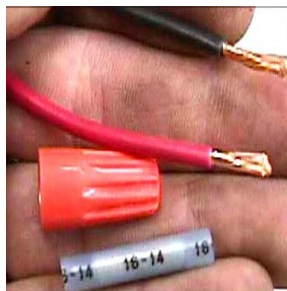


FIG 7



FIG 8

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