

LZX Industries

TBC2 Mk2 Low Noise Fan Upgrade Kit Instructions

By Jason Ferris, 3-25-2024

1. Required items

1.1. Fan upgrade kit

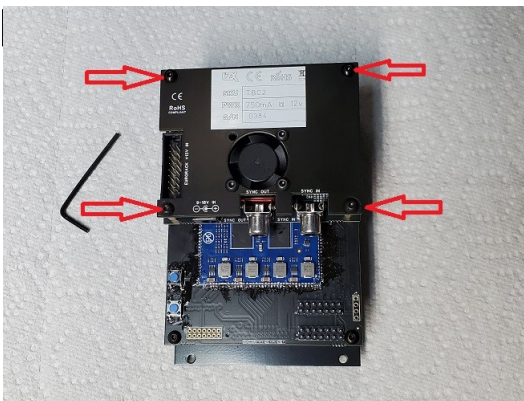
1.2. TBC2 Mk2 (Gen3 Variant as shown)



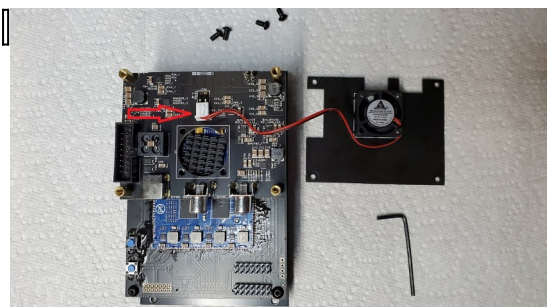
2. Procedure

2.1. Unplug and remove your TBC2 module from your case.

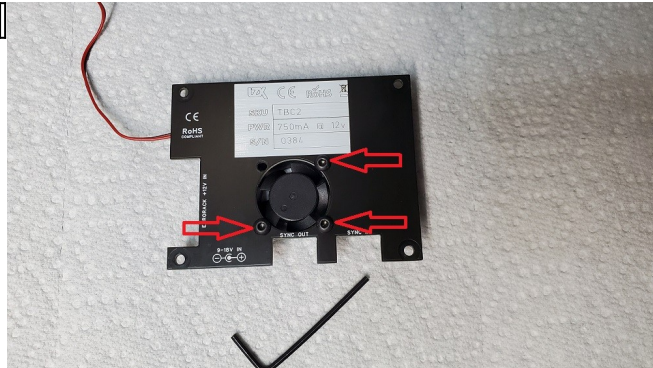
2.2. Using the included 2mm allen wrench, remove the four, 2mm allen head screws, from rear panel and remove the rear panel.



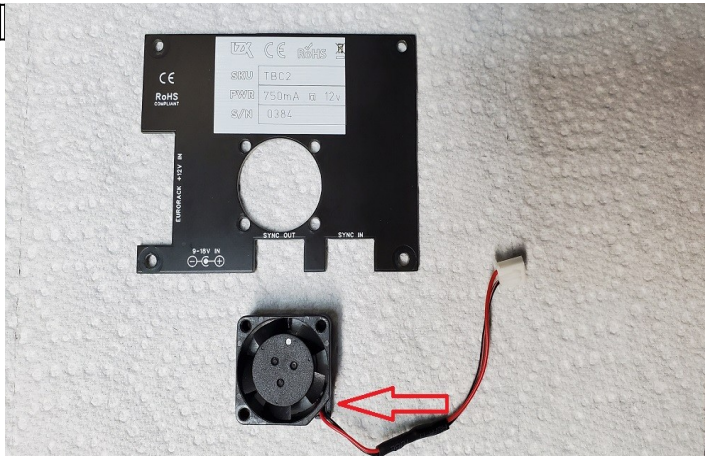
2.3. Unplug fan wires from fan plug header on PSU16 board.



2.4. Using the included 2mm allen wrench, remove the 2mm allen head screws holding the fan to the rear board.



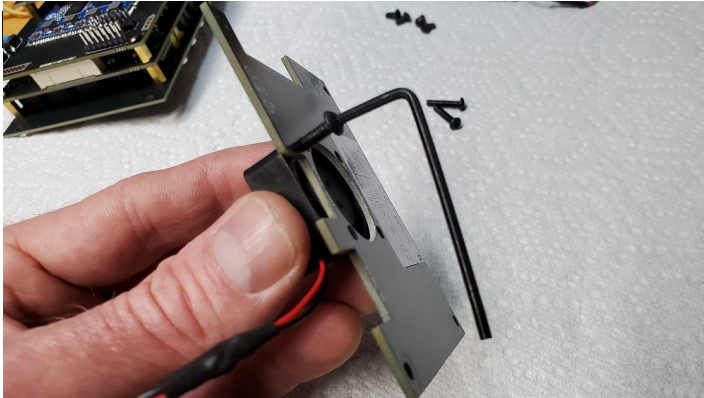
2.5. Remove the old fan. Align the new fan so the fan wires are oriented to the bottom right as shown in the picture.



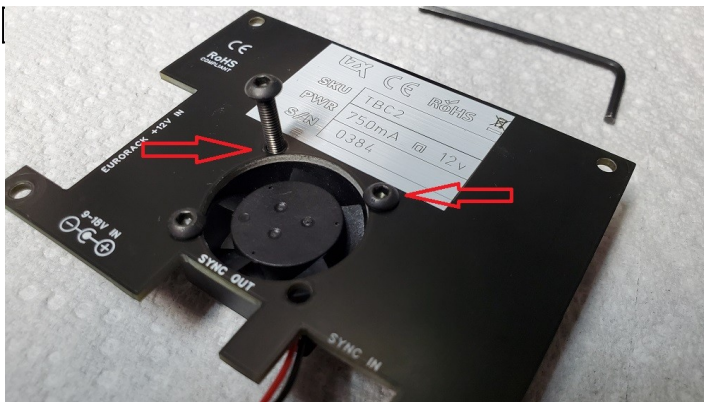
2.6. Line up the rear panel fan mounting holes over the fan and twist in one mounting screw just enough to hold the screw. Ensure the screw is perpendicular to the rear panel.



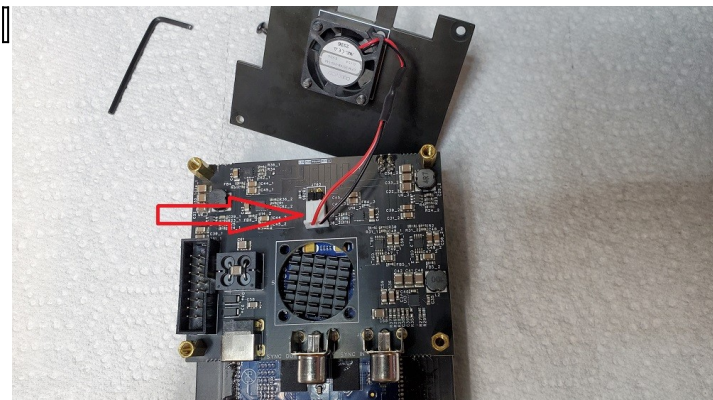
2.7. Hold the fan while using the included 2mm allen wrench to drive the screw into the fan housing. There will be some friction as the screw cuts its threads into the plastic fan housing.



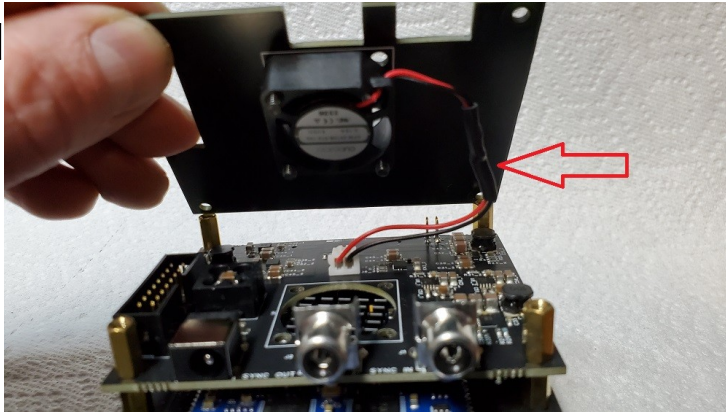
2.8. Install the remaining fan mounting screws. Do not over tighten.



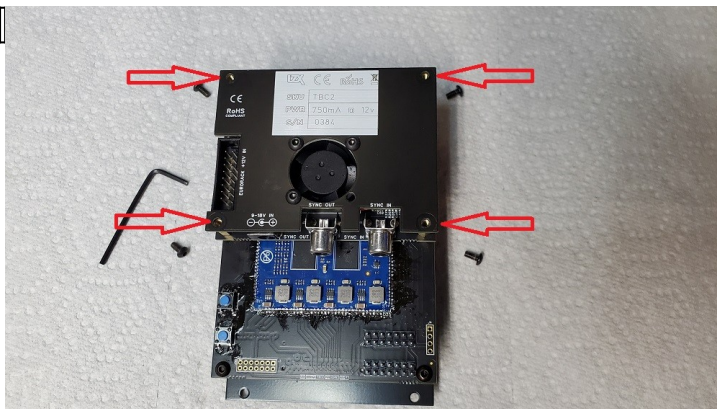
2.9. Once the fan is installed on the rear panel. Plug the fan connector into the fan header pins on the core board. Orient the fan connector so the Red wire is on the left pin as shown in the picture.



2.10. Align the rear panel over the PSU16 board and ensure the fan wires are routed to the right of the fan footprint so wires are not pinched between the fan and the PSU16 board.



2.11. Reinstall rear board onto unit and fasten the four allen head screws.



2.12. Enjoy your upgraded fan!