

eMotimo TB3 Orange Self Upgrade Kit Instructions

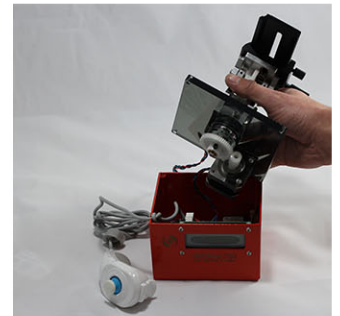
Before you start your upgrade kit assembly process you should have the following items in the image below. In addition, make sure you have a tool for cutting (e.g. scissors) and metal to ground yourself.



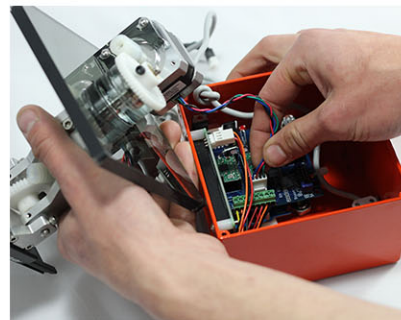
- 1 TB3 Orange
- 1 2mm Hex Key (included in original TB3 Orange package)
- 4 plastic feet
- 1 Zip tie
- 1 TB3 Orange self upgrade kit
- Metal to ground yourself
- Cutting tool

WARNING: STOP - STATIC SHOCKS CAN KILL your old board and new one. Don't perform these steps on carpet, or other environments that promote static. Ground yourself to something metal before you begin.

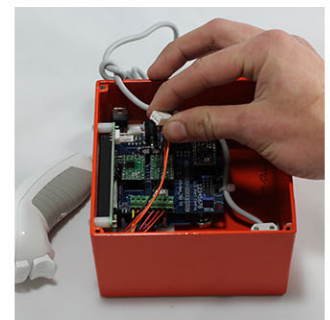
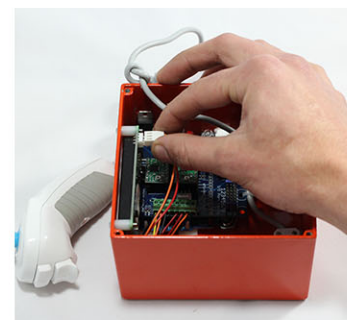
Step 1: Remove 4 screws connecting TB3 acrylic top-plate to metal box.



Step 2: Detach motor cable from TB3 Orange board. Remove entire top plate.



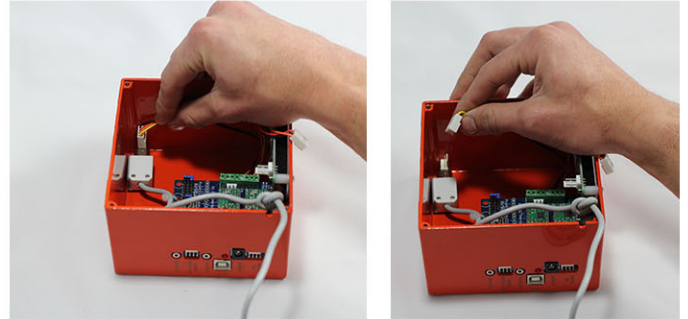
Step 3: Detach LCD cable from TB3 Orange board to LCD.



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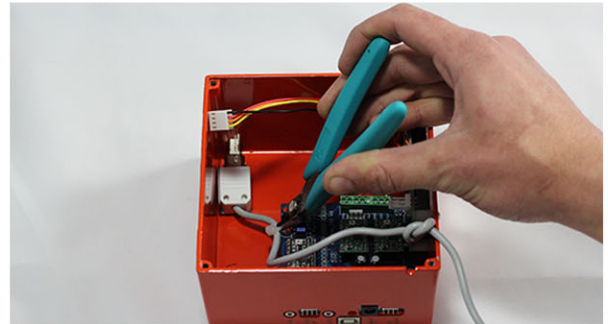
Step 4: Detach controller cable from remote connector.

TIP: Hold down remote connector when removing cable to avoid removing remote connector from its adhesive mount.

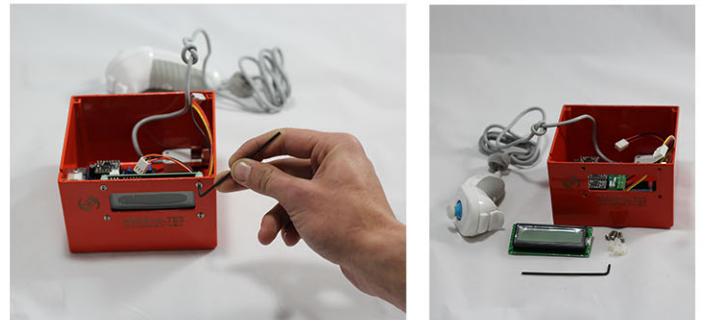


Step 5: If you have a TB3 Wired, cut zip-tie holding the controller wire to the TB3 Orange board.

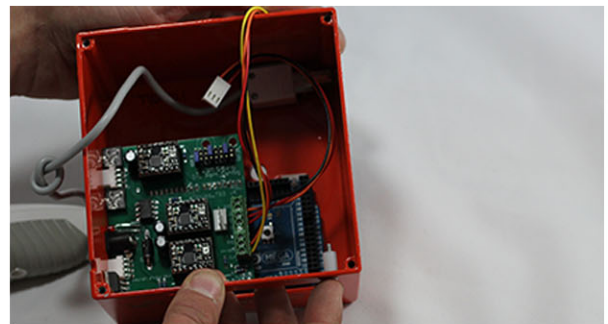
NOTE: If you have the wireless version skip this step entirely.



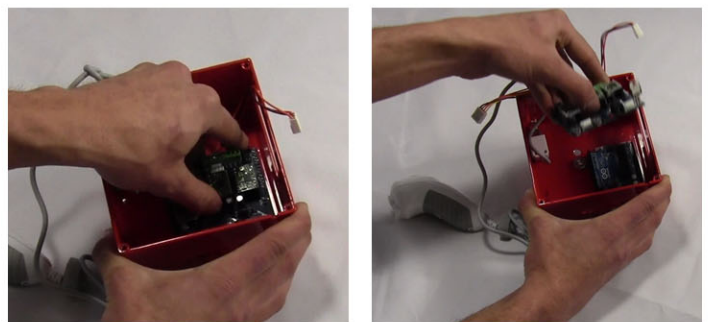
Step 6: Remove 4 screws connecting LCD to metal box. Remove LCD entirely.



NOTE: Before removing the TB3 Orange board, your TB3 should look like the image on the right.



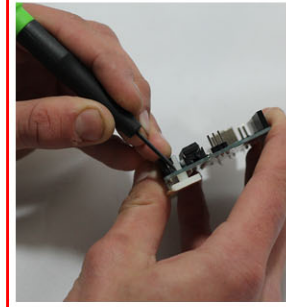
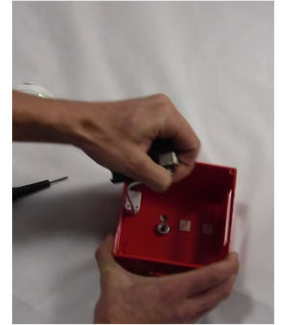
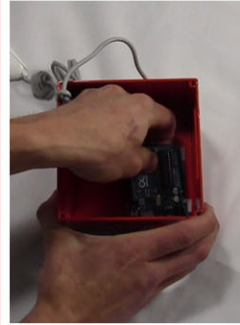
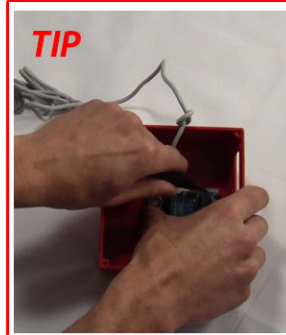
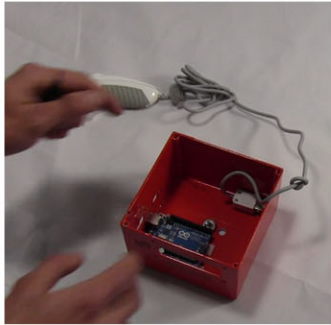
Step 7: Remove eMotimo TB3 Orange board from Arduino board.



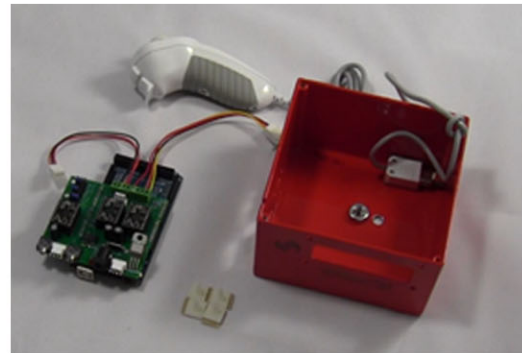
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Step 8: Remove Arduino board from metal box. Note that it will take some force to remove it.

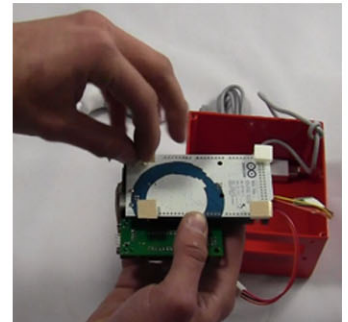
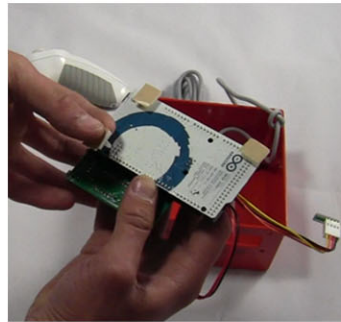
TIP: Use screw driver or small object to remove plastic feet from Arduino board before removing from metal box.



Time to assemble your new TB3 Orange Upgrade Kit!

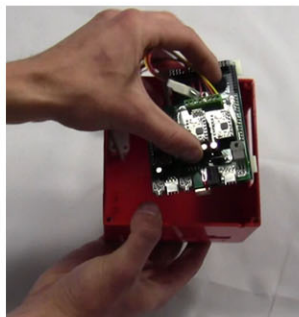


Step 9: Attach 4 plastic feet to bottom of Upgrade Kit. Keep the adhesive covers on and dry fit your board before you attempt the final placement. For more information read the **Step 10 TIP**. Once you are comfortable with the placement, remove adhesive covers.



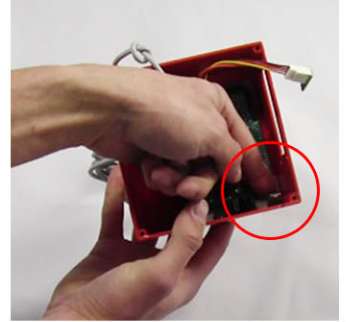
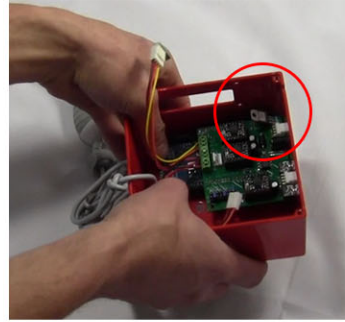
Step 10: Secure Upgrade Kit to metal box using adhesive feet. Place in the direction seen to the right, with ports facing their designed slots in metal box.

TIP: Keep Upgrade Kit pressed tightly against side of metal box and tilt downwards when inserting. Ensure the ports are all aligned correctly before pressing kit downwards against the metal box. This will result in easily accessible ports without interference.



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Step 11: Once Upgrade Kit is secured to metal box, bend 3-lead voltage regulator into upright position pressed against metal wall.



Step 12: Repeat steps 6 -1 in reverse order.



Product should look like image above when complete.