



Ultra Amp Kit

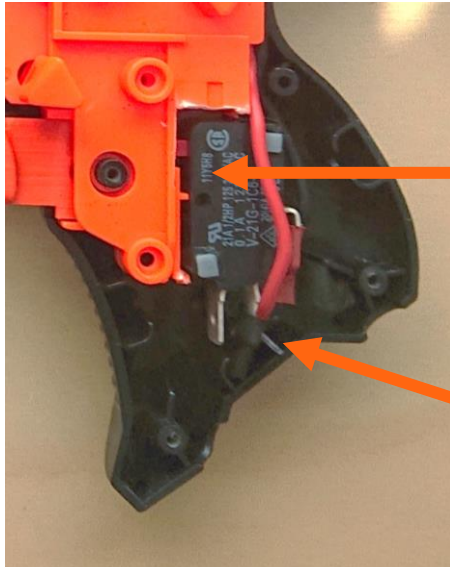
Assembly Instructions

- Motor Cover & Decorative Inserts (optional)

Additional tools/materials required

- Any sort of plastic-compatible glue: Superglue, epoxy, GOOP/E6000
- Diagonal cutter or pliers
- Hot knife / Dremel / Drill and saw: For 2 stage motor cover
- (2) 4-40 screws, 5/8" to 3/4" in length (Included in kit)
- Stock battery tray nut
- Motor Screws
- Wiring supplies, Omron V15 style switch, connectors of choice

2a. Shell Parts to Trim/Cut



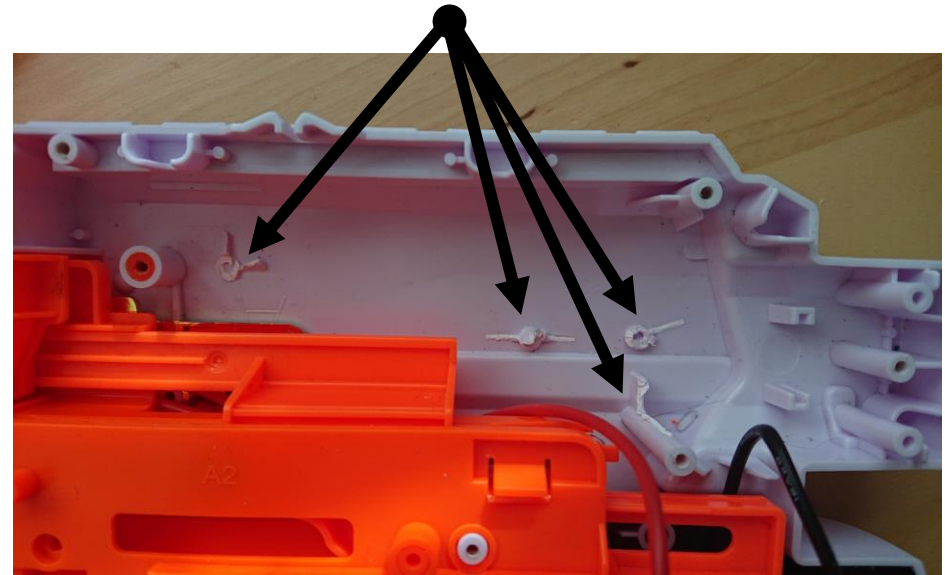
Trim the upper cover here to fit switch.

Pry off rear tab here to fit switch lead.

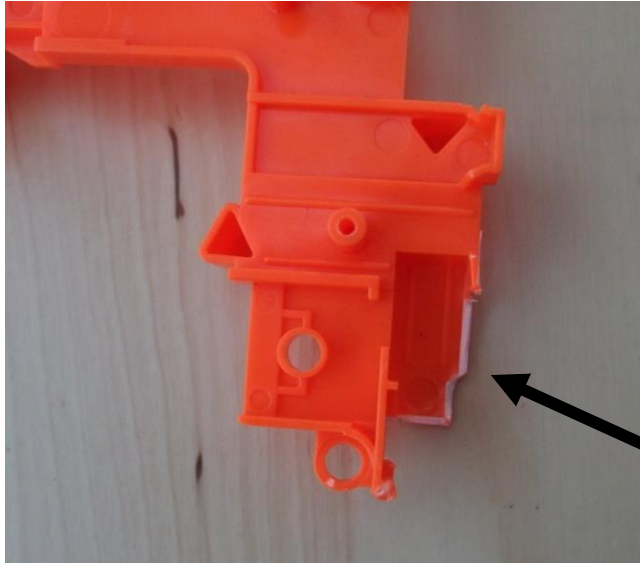


Pry off this rib.

Remove 3 pegs and remove 1 rib to fit battery tray. Optional.



2a. Shell trimming cont.



Use pliers / diagonal cutters to bend off the lower/right parts of the switch tray.

Remove the rear rib here to fit the switch lead.



2b. Shell Cutting for 2 Stage Hurricanes

The hole should be rectangular. Rounded corners are ok.

Top and bottom lines are bounded by the logo. I recommend cutting extra on the top to aid wire routing.

Rear of hole should be in the middle of the M.

Front cut should be near first sharp corner you see on the barrel deco.

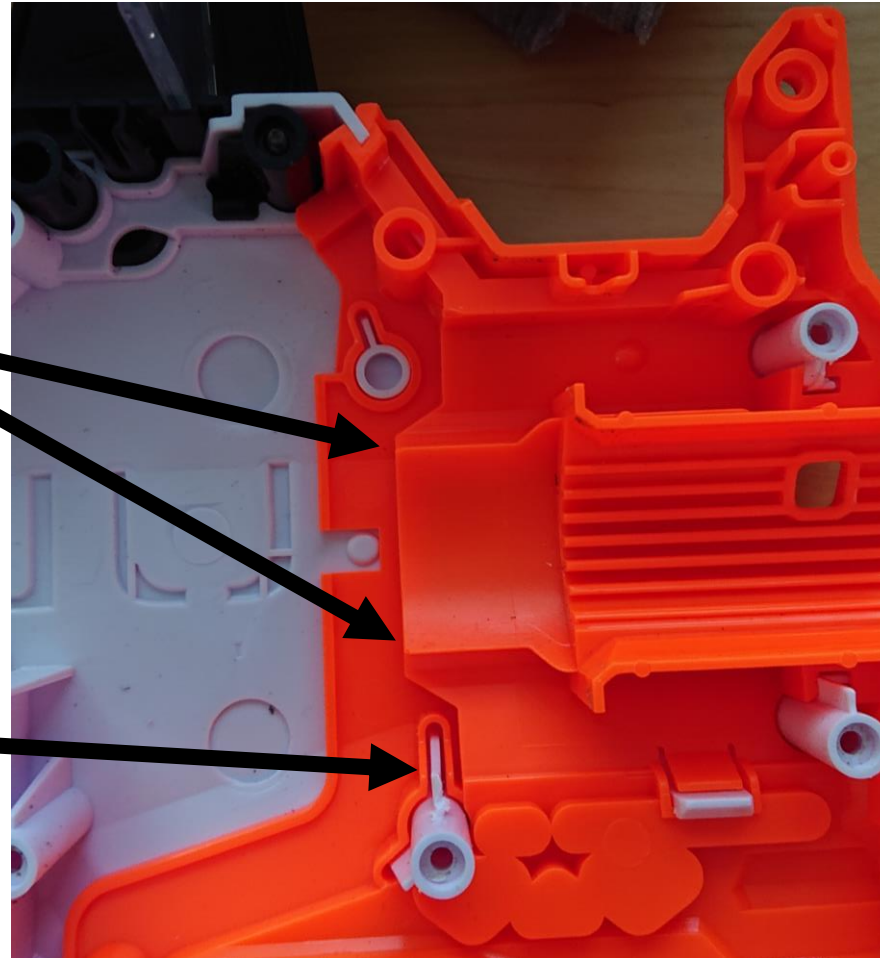
Use a Dremel (pictured here), hot knife, hobby knife, and/or drill.



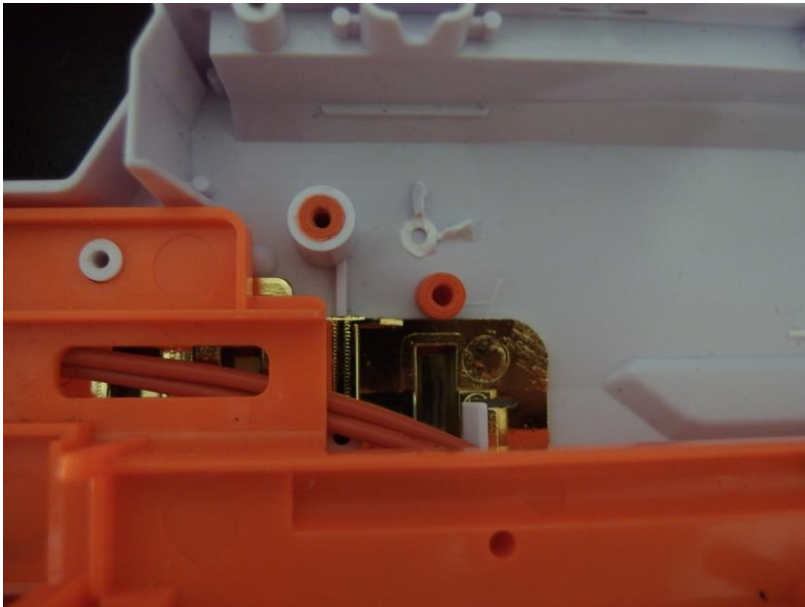
2b. 2 Stage Cuts cont.

File/Dremel about 2mm off these corners on the round barrel "guide."

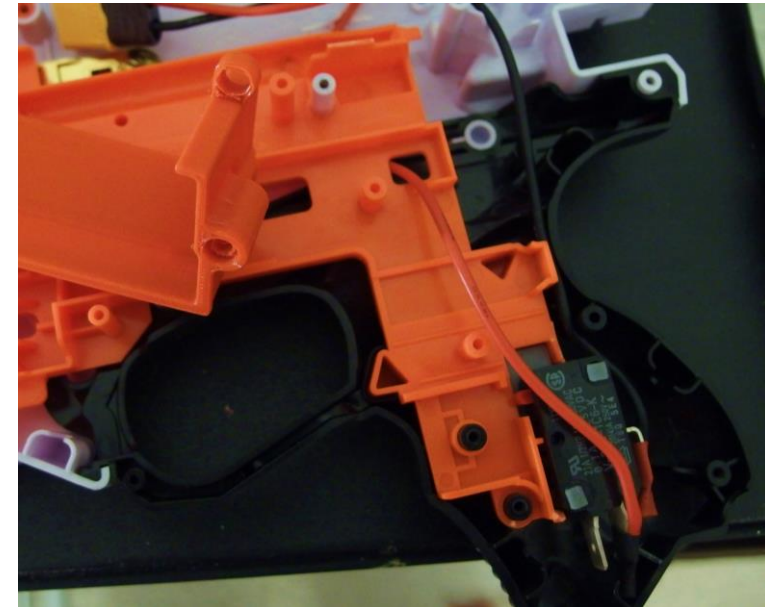
Clip 5mm off the rib here.



3a. Gluing Switch Plate and Battery Door



Take the Tray Peg (small cylinder) and press it into the large shell hole here. Use some glue if you're worried about movement, or sand down if too large.



Apply glue of choice to the bottom of the Printed Switch Plate, press it into the stock switch plate. Then install switch with printed peg + glue or the 4-40 screws included with the kit.

3b. Motor Cover Gluing

Test Motor Cover fit and positioning, glue the Inserts if applicable.

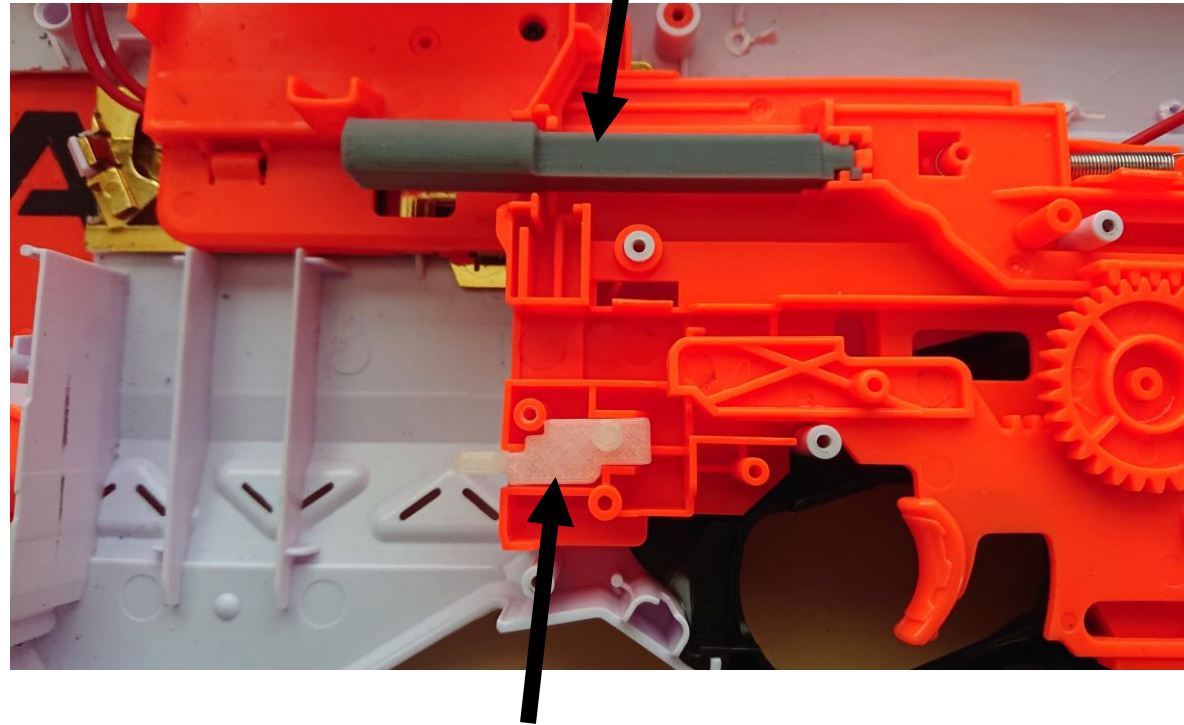
I recommend testing that your motor wiring fits through the shell as well.

Apply glue of choice to rims of Motor Cover and press/clamp until glue cures.



4a. Assorted Assembly

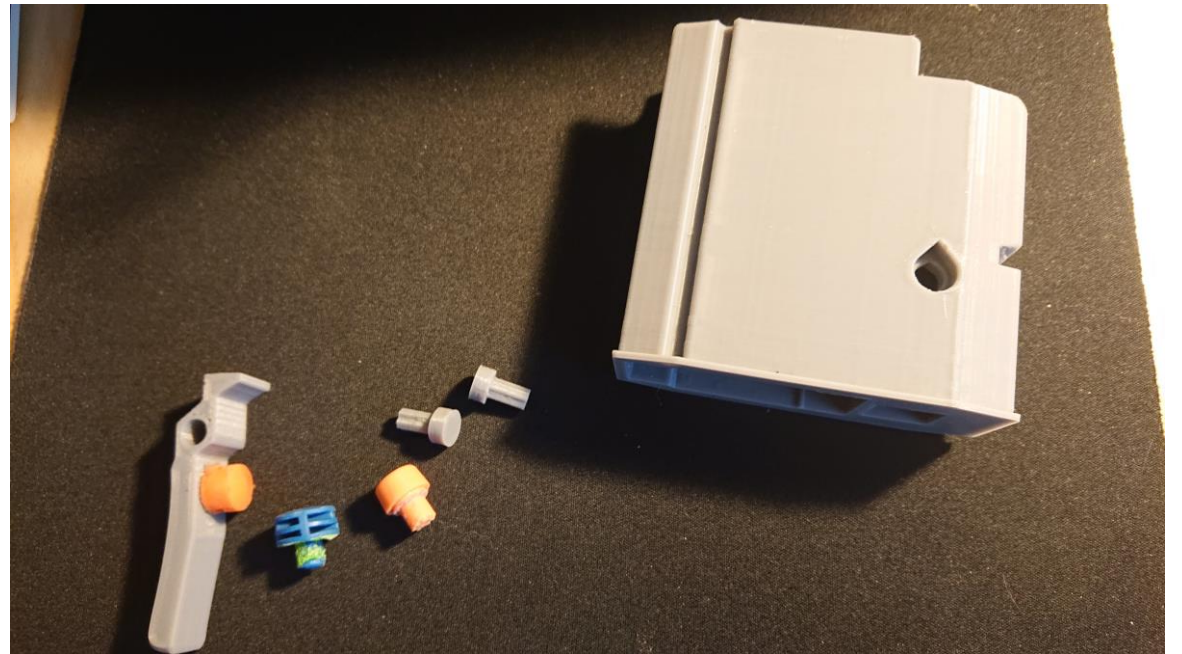
Replace the Pusher. Orient flat side down (toward magwell)



Replace the Mag Release to lock the adapter in place (optional).
Put in the Rev Trigger (not pictured).

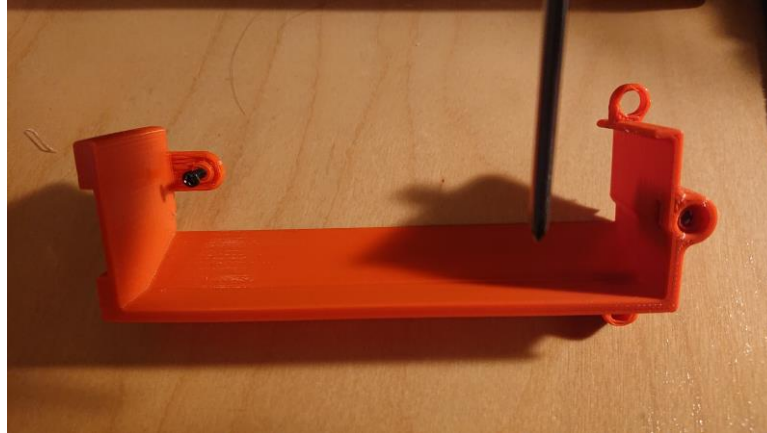
4b. Mag Adapter Assembly

- Insert dart head into Adapter Release.
- Insert Adapter Release into Adapter Body.
- Insert Adapter Pegs, affix with glue (or tape) of choice.



4c. Battery Tray Assembly

- Battery tray fits up to 1300-1500 mAh 3S batteries.
- Remove the nut from stock battery tray and slide it into the printed tray. Use a small amount of glue if needed and a screwdriver to help.



- Do your wiring, then assemble the battery tray with 2 shell screws.

5. Final Checks



Check that everything fits together, your wiring is correct, and pusher works before fully closing the shell.