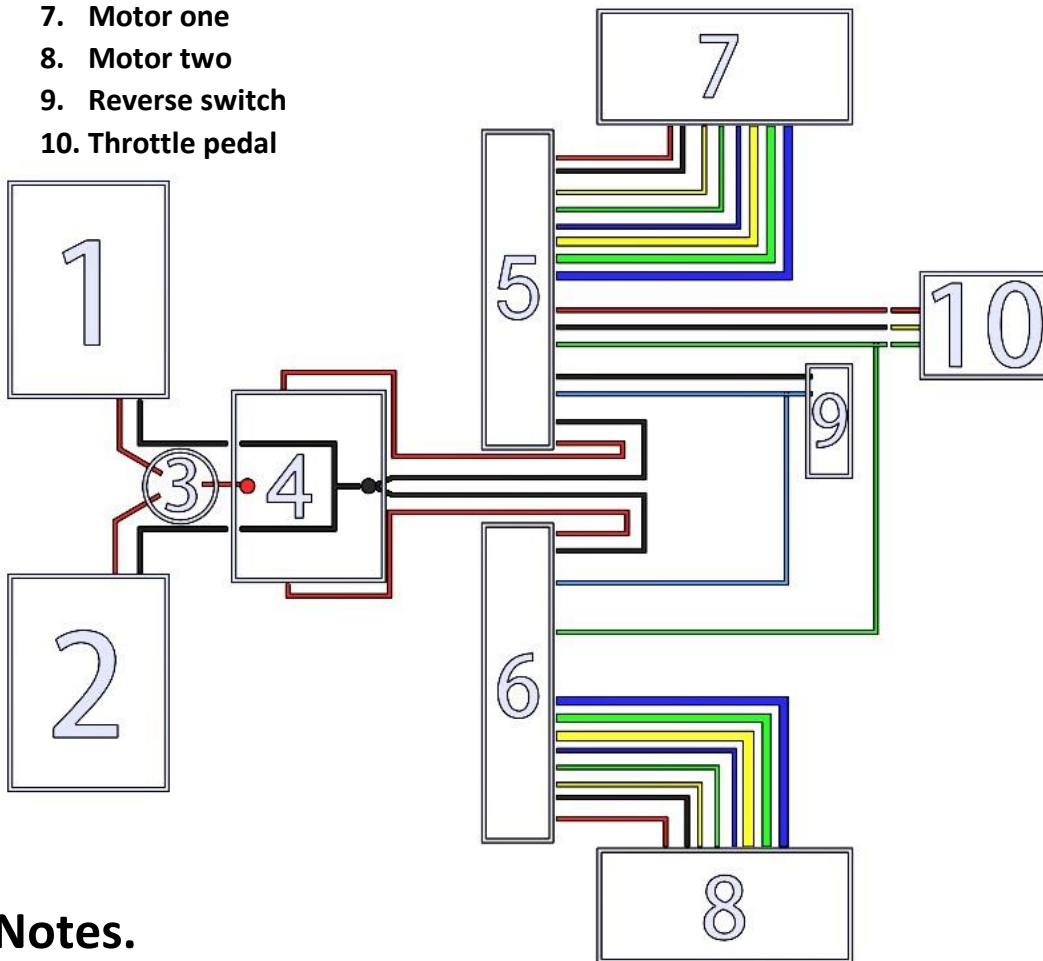


# Tornado Rookie Wiring diagram for motor connection

1. Battery one
2. Optional battery 2
3. Cut off and changeover switch
4. Fuse box
5. Motor controller one (main controller)
6. Motor controller two
7. Motor one
8. Motor two
9. Reverse switch
10. Throttle pedal



## Notes.

Use the 5 core and 3 core cable to join between the motor and controllers (colours don't exactly match but as long as it still connects like this that is fine.)

Reverse wires are blue with black trace, sometimes labelled reverse, sometimes low line brake. Note how one controller is wired with both wires and the second one with just the blue wire.

Throttle cable colours don't exactly match. Note the black connects to the yellow. On second controller just connect the green wire as shown.

On the controllers they have white wires that can join together. Once connected join these to sync the controller. It should run the motor slow. After a short run they are done. Un plug them and test the throttle. If the motor is spinning the wrong way, briefly connect these wires again and it will reverse the motor.

The red wires going into the fuse box from the motor controllers are connected to the fuse outputs. The negative wires are connected to the negative pole with the battery negatives and the power in from the changeover switch connects to the positive pole.