

Equipment and Tool List for 450mm. Quad Build

450 quad kit build includes:

1. 8 - 10/4.5 MultiRotor (MR) Props Clockwise and Counter Clockwise (4 - CW & 4 - CCW)
2. 4 - 2212 - 920Kv Motors w/Spinner Cap and Mounting Screws
3. 1 - 8" Velcro Strap (for battery)
4. 6 - Quadcopter Arms
5. 1 - 450 mm Quad Frame w/Power Distribution Board (PDB)
6. 4 - 30 amp Electronic Speed Controllers
7. 1 - TxRx Controller (Taranis or Spectrum)
8. 1 - Receiver Module (Taranis or Spectrum)
9. 1 - Naza Mv2 Flight Control Board (FCB)
10. 1 - Naza Mv2 Power Module Unit (PMU)
11. 1 - Naza Mv2 GPS Receiver Module
12. 1 - GPS Mast
13. 5 - 4000mAh 3s Lithium Polymer (LiPo) Batteries
14. 1 - XT60 Male Power Cable Connector 14AWG 10cm.
15. 5 - XT60 Female Power Cable Connector 14AWG 10cm.
16. 1 - Shrink Tube 1' - 6mm. (for battery connectors and bullet connectors)
17. 1 - Shrink Tube 1' - 12mm.
18. 12 - Male Bullet Connectors (3.5- 4mm).
19. 12 - Female Bullet Connectors (3.5 - 4mm).
20. 2 - 6" Black and Red 14 gauge Electrical Wires
21. 1 - Velcro Battery Strap
22. 1 - 12" Red High Density Waterproof LED Flexible Strip
23. 1 - 12" Green High Density Waterproof LED Flexible Strip
24. 2' - 22 Gauge Red and White Jumper Wire
25. 4 - Landing Gear Skids (for DJI F450)
26. 8 - 4" Servo Connectors

Tools:

1. Mr. Jig Solder Aid
2. Soldering Iron
3. Rosin Core Solder (60/40)
4. Solder Flux Pen
5. Solder Extractor
6. Hot Glue Gun w/Glue Stick
7. Multi Tool 1.5, 2, 2.5, and 3mm Hex Head
8. LiPo battery Checker
9. LiPo Battery Charger
10. Thread Lock
11. Safety Glasses
12. USB to Micro USB Cable

13. Scotch Red Extreme Adhesive Tape
14. Wire Cutter
15. 12 - 6" Cable Ties
16. Black Liquid Tape (Optional)
17. Multi-Meter Voltage Tester (Optional)

Need:

1. 120v Power outlet
2. Computer, Monitor, w/Keyboard, and Mouse
3. Internet Access
4. Work Bench
5. Chair
6. Federal Aviation Administration (FAA) Hobbyist Registration #
7. Label Maker
8. Park or Open Field for Flight Test
9. Academy of Model Aeronautics Membership (Recommended)