



# Unboxing Your ROV

Written By: REA



## INTRODUCTION

When unboxing your ROV Kit, you should check you have all the necessary components and tools before commencing with the build.

This is to ensure as smooth of an assembly process as possible, and highlight any components that may need to be purchased if the kit has been used and disassembled previously.

## Step 1 — Electrics

Electrics				
1	1-BOX-1507-AA	Control Box	1	ea
2	1-SWT-6004-AA	DPDT Toggle Switch (large) (AF)	3	ea
3	1-FST-2707-AA	Extra screws for AngellFish switch	2	ea
4	1-SRF-5501-AA	FLEX Strain Relief Connector 3/8" (with Nut)	1	ea
5	1-SRF-5502-AA	DOME Strain Relief Connector 3/8"	1	ea
6	1-SRF-5503-AA	Strain Relief Connector Lock Nut 3/8"	1	ea
7	1-CPN-2401-AA	Terminal Ring Connectors - Red - 22-16 awg	28	ea
8	1-CPN-2402-AA	Terminal Ring Connectors - Blue - 16-14 awg	6	ea
9	1-WIR-7503-AA	Wire (18 gauge, yellow) [inches]	40	in
10	1-THR-6504-AA	Thruster Motor	3	ea

1	1-PVC-4503-AA	PVC Reducing Tee	3	ea
2	1-THR-6501-AA	Propeller	3	ea
3	1-FST-2702-AA	Propeller Screw	3	ea
4	1-FST-2703-AA	Hex Nut for Propeller Screw	3	ea
5	1-THR-6502-AA	Propeller Adapter	3	ea
6	1-FST-2701-AA	Set Screw for Propeller Adapter	3	ea
7	1-THR-6503-AA	Hex Wrench	1	ea
8	1-PWR-5202-AA	10 Amp Fuse (Red)	1	ea
9	1-WIR-7515-AA	Power Cord 14 Ga. (blk/red zip cord)	8	ft
10	1-FST-2906-AA	Velcro Closures	1	ea

1	1-WIR-7508-AA	3/16" Red Heat Shrink tubing [inches]	3	in
2	1-PWR-5005-AA	30 Amp Bonded (Red/Black) Connectors	1	pr
3	1-PWR-5102-AA	14 Ga. Blade Fuse Holder	1	ea
4	1-WIR-7505-AA	18/6 AF/PF Tether Wire [feet]	8	m.
5	1-FST-2906-AA	Velcro Closures	1	ea
6	1-WIR-7508-AA	3/16" Red Heat Shrink tubing [inches]	12	in
7	1-WIR-7510-AA	7mm' Black Heat Shrink [inches]	3	in
8	1-SRF-5602-AA	DOME Strain Relief Connector 1/2"	2	ea
9	1-PVC-4501-AA	PVC 1/2" Female Slip Adaptor	2	ea
10	1-PVC-4502-AA	1/2" PVC Cross	1	ea

- Check for a complete electrics set.

## Step 2 — Frame

Frame				
1	DN15PVC TEE		17	ea
2	DN15PVC Elbow		8	ea
3	Motor Holder		3	ea
4	DN15 Socket Female		2	ea
5	DN15 PVC 4 way piece V2		1	ea
6	DN15 PVC Pipe	32mm	23	ea
7	DN15 PVC Pipe	90mm	9	ea
8	DN15 PVC Pipe	215mm	2	ea
9	Flotation Foat	200mm	2	ea

- Check for a complete frame set.