Document: [1]	RC Test Platform	
Workspace: [2]	Main [3]	
BOM of Assembly: [4]	Final Assembly	
Description		
Part number:		
Revision:		
State:	RELEASED	

Open in Onshape

BOM Type:	Workspace
Created:	2020-08-21 [5]

ITEM	QTY	NAME	DESCRIPTION [6]	ART NUMBER [7	REVISION	STATE
1	1	Cover	Arduino Mega/Roboclaw Control Box Cover			IN_PROGRESS
2	1	Base	Arduino Mega/Roboclaw Control Box Base Plate			IN_PROGRESS
3	4	Chamfered plain washer normal M8	Chamfered plain washer normal M8 Steel Zinc Plated			IN_PROGRESS
4	4	Chamfered plain washer normal M3	Chamfered plain washer normal M3 Steel Zinc Plated			IN_PROGRESS
5	1	Caster Bracket				IN_PROGRESS
6	4	Standoff	M3 x 5mm Standoff			IN_PROGRESS
7	4	Socket button head screw M8x1.25 x 30	Socket button head screw M8x1.25 x 30 Steel Black Oxide			IN_PROGRESS
8	6	Type A flat washer 1/4	Type A flat washer 1/4 Steel Zinc Plated			IN_PROGRESS
9	4	Hex socket head cap screw M6x1.00 x 35	Hex socket head cap screw M6x1.00 x 35 Stainless Steel			IN_PROGRESS
10	4	Hex socket head cap screw M6x1.00 x 20	Hex socket head cap screw M6x1.00 x 20 Stainless Steel			IN_PROGRESS
11	6	Hex socket head cap screw M3x0.50 x 14	Hex socket head cap screw M3x0.50 x 14 Steel Black Oxide			IN_PROGRESS
12	4	Wire Retainer	Dewalt Battery Holder			IN_PROGRESS
13	4	Hex socket head cap screw M3x0.50 x 8	Hex socket head cap screw M3x0.50 x 8 Steel Black Oxide			IN_PROGRESS
14	1	Riser Bracket				IN_PROGRESS
15	2	Dewalt DCB				IN_PROGRESS
16	4	14-16 AWG Male Disconnect				IN_PROGRESS
17	1	MC30A_V5	Roboclaw Motor controller			IN_PROGRESS
18	34	8-32 Long Heat-Set Threaded Insert		93365A142		IN_PROGRESS
19	60	Socket countersunk head cap screw #8-32 x 0.625	Socket countersunk head cap screw #8-32 x 0.625 Stainless Steel			IN_PROGRESS
20	4	Hex thin nut grade A & B M8	Hex thin nut grade A & B M8 Steel Zinc Plated			IN_PROGRESS
21	2	Top Gearbox Bracket				IN_PROGRESS
22	6	Hex nut 1/4-20	Hex nut 1/4-20 Steel Zinc Plated			IN_PROGRESS
23	1	Hex nut 3/8-16	Hex nut 3/8-16 Steel Zinc Plated			IN_PROGRESS
24	2	M3 Flanged Press-Fit Threaded Insert		94510A240		IN_PROGRESS
25	15	M3 Heat-Set Threaded Insert				IN_PROGRESS
26	1	2x4x18-SS	18" Long 2x4			IN_PROGRESS
27	4	Output Shaft				IN_PROGRESS
28	4	Spokes				IN_PROGRESS
29	2	Hub				IN_PROGRESS
30	7	Tube, LH Tread				IN_PROGRESS
31	7	Tube, RH Tread				IN_PROGRESS
32	1	Arduino Mega 2560				IN_PROGRESS
33	2	Right Cover Plare				IN_PROGRESS
34	4	Gearbox				IN_PROGRESS
35	4	Motor Shaft Cover				IN_PROGRESS
36	2	Left Motor				IN_PROGRESS
37	2	Right Motor				IN_PROGRESS
38	2	Left Cover Plate				IN_PROGRESS
39	1	Antenna base				IN_PROGRESS
40	1	NRF24L01L				IN_PROGRESS
41	1	Antenna top				IN_PROGRESS
42	1	Threaded Rod				IN_PROGRESS
43	1	Threaded Rod				IN_PROGRESS
44	1	Swivel				IN_PROGRESS
45	1	Base				IN_PROGRESS
46	1	Wheel				IN_PROGRESS
47	2	Strain Relief				IN_PROGRESS
48	2	Body				IN_PROGRESS
49	1	LH Lower Gearbox Bracket				IN_PROGRESS
50	1	RH Lower Gearbox Bracket				IN_PROGRESS
51	1	Hex cap screw 3/8-16 x 2.375 x 1	Hex cap screw 3/8-16 x 2.375 x 1 Steel			IN_PROGRESS
52	1	40x40x10 PC Fan				IN_PROGRESS