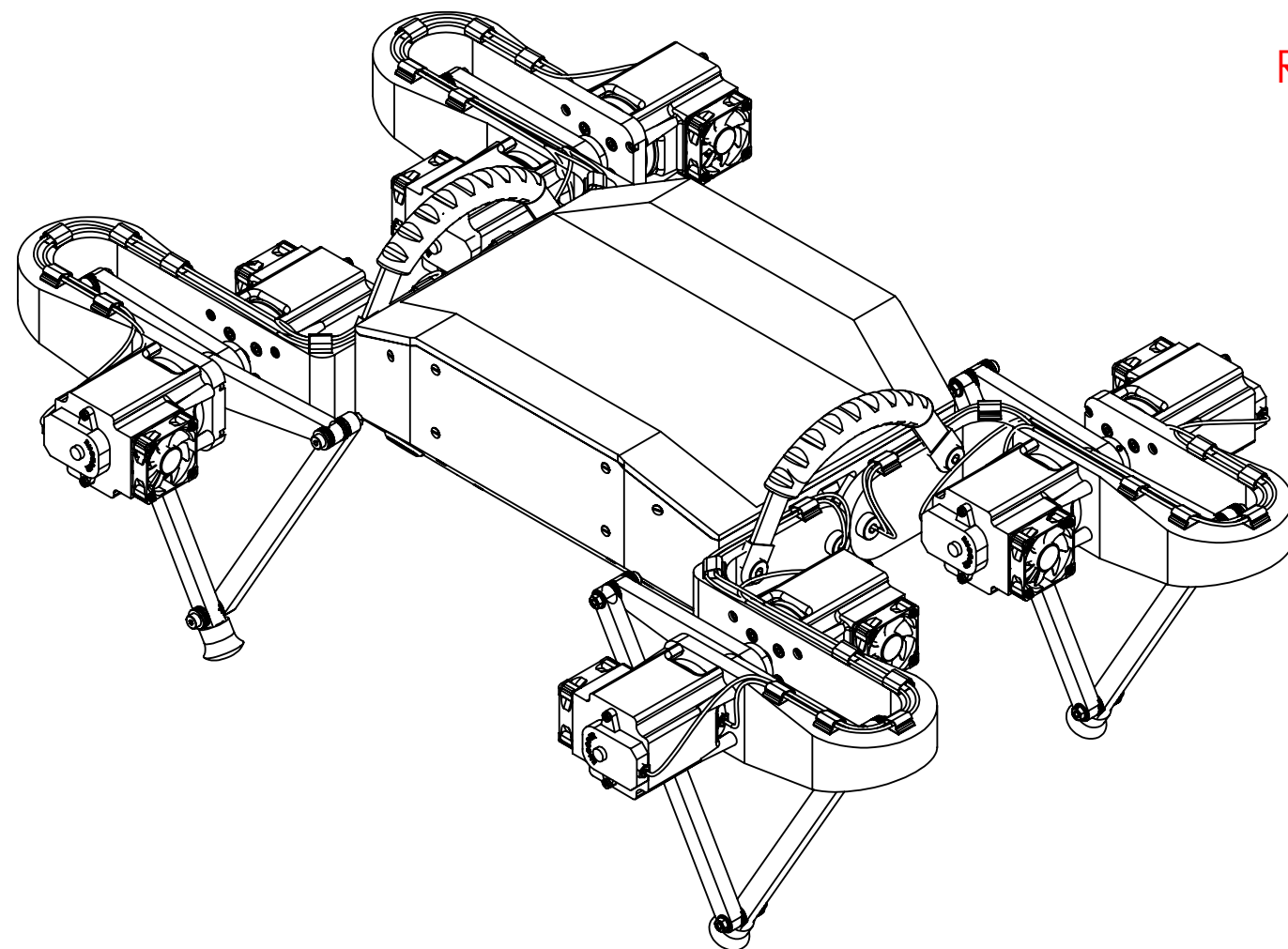


GENERAL NOTES:

RELEASE FOR FABRICATION
DATE: 1/29/2019

REVISIONS		
ZONE	REV.	DESCRIPTION
DATE	APPROVED	
301	2	ASSEMBLY, RIGHT LEG
302	2	ASSEMBLY, LEFT LEG
303	1	ASSEMBLY, BODY

SUB NO.	QTY	DESCRIPTION
301	2	ASSEMBLY, RIGHT LEG
302	2	ASSEMBLY, LEFT LEG
303	1	ASSEMBLY, BODY

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	VENDOR OR NOTES
44	8	544	FAN, MOTOR	PURCHASE	NF-A4X10-FLX 5V, AMAZON
43	1	543	WIRE	PURCHASE	BNTECHGO10-18, AMAZON
42	4	542	FILAMENT, 3D PRINTER	PURCHASE	MP05778, MAKERBOT
41	1	541	CONTROLLER, PS3	PURCHASE	ASIN: B07DQHY13L, AMAZON
40	9	540	CONNECTORS, WIRE	PURCHASE	B07CWF8CRX, AMAZON
39	12	539	ZIP-TIE	PURCHASE	ASIN: B07C1HZD8T, AMAZON
38	4	538	STRAP, BATTERY	PURCHASE	ASIN: B01MY2S7JD, AMAZON
37	2	537	HANDLE, CARRY	PURCHASE	ASIN: B072XHBKPJ, AMAZON
36	1	536	SWITCH, POWER	PURCHASE	UR198-2NO2NC, AMAZON
35	36	535	INSERT	PURCHASE	94510A240, MCMaster-CARR
34	1	534	REGULATOR	PURCHASE	SAINSMARTLM2596, AMAZON
33	1	533	INERTIAL MEASURE UNIT	PURCHASE	GY-521MPU6050, AMAZON
32	38	532	FASTENER, STANDOFF	PURCHASE	93840A120, MCMaster-CARR
31	34	531	NUT, STANDOFF	PURCHASE	INCLUDED W/ ITEM NO. 26
30	4	530	RESISTOR, BRAKE	PURCHASE	INCLUDED W/ ITEM NO. 28
29	1	529	BATTERY, DC	PURCHASE	9067000373-0, HOBBY KING
28	4	528	DRIVER, MOTOR	PURCHASE	ODRIVE3.5, ODRIVE ROBOTICS
27	1	527	COMPUTER, RASPBERRYPI	PURCHASE	3775, ADAFRUIT INDUSTRIES
26	26	526	STANDOFF, HEX	PURCHASE	SPC-NLB3/KIT1-1, AMAZON
25	48	525	FASTENER, HUB	PURCHASE	93840A126, MCMaster-CARR
24	8	524	HUB, MOTOR	PURCHASE	2693, POLOLU
23	4	523	FOOT, SLIP-ON	PURCHASE	2517T71, MCMaster-CARR
22	24	522	BEARING, SLEEVE	PURCHASE	6679K33, MCMaster-CARR
21	24	521	BEARING, THRUST	PURCHASE	6655K51, MCMaster-CARR
20	12	520	FASTENER, LEG-JOINT	PURCHASE	90278A375, MCMaster-CARR
19	12	519	LOCKNUT, LEG-JOINT	PURCHASE	91270A310, MCMaster-CARR
18	48	518	FASTENER, MOTOR HOUSING	PURCHASE	91292A114, MCMaster-CARR
17	32	517	FASTENER, MOTOR	PURCHASE	93705A824, MCMaster-CARR

16	28	516	HOLDER, CABLE	PURCHASE	7565K31, MCMaster-CARR
15	16	515	FASTENER, ENCODER	PURCHASE	90666A104, MCMaster-CARR
14	8	514	ENCODER, CPR	PURCHASE	CVI AMT102-V, ODRIVE
13	8	513	MOTOR, DC	PURCHASE	D5065-270KV, ODRIVE
12	4	512	FASTENER, COVER	PURCHASE	96817A274 MCMaster-CARR
11	24	511	NUT, HEX	PURCHASE	96557A109 MCMaster-CARR
10	12	510	WASHER, LOCK	PURCHASE	3573A16 MCMaster-CARR
9	12	509	FASTENER, LEG MOUNT	PURCHASE	93897A542 MCMaster-CARR
8	8	508	COVER, MOTOR	PLA	FABRICAE
7	1	507	COVER	PLA	FABRICAE
6	1	506	BODY	PLA	FABRICAE
5	2	505	MOUNT, LEFT LEG	PLA	FABRICAE
4	2	504	MOUNT, RIGHT LEG	PLA	FABRICAE
3	4	503	LEG, PRIME	PLA	FABRICAE
2	4	502	LEG	PLA	FABRICAE
1	8	501	LEG, UPPER	PLA	FABRICAE
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	VENDOR OR NOTES

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
LENGTH ± 1
BEND $\pm .5$
BORES $\pm .5$
RADI $\pm .5$

MATERIAL

PLA 80% INFILL

FINISH

QUANTITY

DO NOT SCALE DRAWING

NAME	SIGNATURE	DATE
DRAWN CARROLL, J		
CHECKED NAVARRO, M		
ENG APPR. FARRA, Z		
MFG APPR.		
Q.A.		



TITLE:

QUADRUPEL,
LILBRO

SIZE	DWG. NO.	REV
B	LB18-101	A
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1