

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-101	XZ Frame Assembly	1	N/A	N/A		
2	1234-102-100	Y-AXIS FRAME ASSEMBLY	1	N/A	N/A		
3	1234-104-100	Z-AXIS CARRIAGE ASSEMBLY	1	N/A	N/A		
4	1234-105-100	X-AXIS EXTRUDER ASSEMBLY	1	N/A	N/A		
5	1234-011	BALL SCREW SUPPORTS	2	ABS, BLACK	NATURAL		
6	1157	SLIM T-NUT FOR 20MMX20MM EXTRUSION, M4	4	ALUMINUM	NATURAL	ADAFRUIT	1157
7	608ZZ	BEARING, 8MM ID, 22MM OD, 7MM WD	2	N/A	N/A	VXB	608ZZ
8	DIN-985 M4	NUT, SELF-LOCKING NYLON, M4	8	ALLOY STEEL	NATURAL	McMASTER CARR	90576A103
9	DIN-985 M5	NUT, SELF-LOCKING NYLON, M5X0.8MM	12	STEEL	NATURAL	McMASTER CARR	90576A104
10	ISO-4752 M4X25	SCREW, SC, PARTIAL THREAD, M4 X 25MM LG	8	ALLOY STEEL	NATURAL	McMASTER CARR	91290A184
11	ISO-4762 M5X0.8 X 20 LG	SCREW, SHC, M5X0.8 X 16MM LG	12	STEEL	NATURAL	McMASTER CARR	90128A244
12	ISO-7380-S053 M4X8	SCREW, BHSC, M4X0.7 X 8MM LG	4	ALLOY STEEL	NATURAL	McMASTER CARR	91306A660
13	TH-BS16-675	BALL SCREW, 16MM X 675MM LG	2	STEEL	CHROME PLATED	TEN-HIGH	
14	TH-BS16-675-NUT	BALL SCREW NUT, 16MM	2	STEEL	NATURAL	TEN-HIGH	(INCL. WITH) TH-BS16-675
15	VXB KIT8388	ROD, ROUND, 8MM DIA X 762MM LG	2	CASE HARDEND STEEL	CHROME PLATED	VX BEARING	KIT8388

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-001-001	EXTRUSION, 20MM X 20MM	8	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1221
2	1234-001-002	EXTRUSION, 20MM X 20MM	4	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1221
3	1234-004	L-BRACKET, ABS, 40MM X 40MM X 6.35MM THK	1	ABS, BLACK	NATURAL		
4	1234-004	L-BRACKET, ABS, 40MM X 40MM X 6.35MM THK	7	ABS, BLACK	NATURAL		
5	5537T206	L-BRACKET, LARGE	8	ABS, BLACK	NATURAL		
6	1234-008-001	TOP Z-AXIS RAIL MOUNT, RH	1	ABS, BLACK	NATURAL		
7	1234-008-002	TOP Z-AXIS RAIL MOUNT, LH	1	ABS, BLACK	NATURAL		
8	1234-009-001	MIDDLE Z-AXIS RAIL MOUNT, LH	1	ABS, BLACK	NATURAL		
9	1234-009-002	MIDDLE Z-AXIS RAIL MOUNT, RH	1	ABS, BLACK	NATURAL		
10	1234-010-001	BOTTOM Z-AXIS RAIL MOUNT, LH	1	ABS	NATURAL		
11	1234-010-002	BOTTOM Z-AXIS RAIL MOUNT, RH	1	ABS	NATURAL		
12	1157	SLIM T-NUT FOR 20MMX20MM EXTRUSION, M4	39	ALUMINUM	NATURAL	ADAFRUIT	1157
13	1158	OVAL T-NUT FOR 20MMX20MM EXTRUSION, M4	20	ALUMINUM	NATURAL	ADAFRUIT	1158
14	1177	FLEXIBLE SHAFT COUPLER, 5MM TO 10MM	2	ALUMINUM	NATURAL	ADAFRUIT	1177
15	5201-2RS	BEARING, 2 ROW, DOUBLE SEALED, 16MM BORE, 35MM OD, 11MM THK, 805LB CAP.	2	STEEL	N/A	WJB	6202-16-2RS
16	6202-16-2RS	BEARING, 2 ROW, DOUBLE SEALED, 16MM BORE, 35MM OD, 11MM THK, 805LB CAP.	2	STEEL	N/A	WJB	6202-16-2RS
17	ISO-4762 M3X8, BLACK	SCREW, SC, M3X0.5MM X 8MM, FULLY THREADED	8	STEEL	BLACK OXIDE	McMASTER CARR	91274A103
18	ISO-7045-M6X18	SCREW, BHP, M6X18MM	8	STEEL	NATURAL	McMASTER CARR	
19	ISO-7380-S053 M4X8	SCREW, BHSC, M4X0.7 X 8MM LG	59	ALLOY STEEL	NATURAL	McMASTER CARR	91306A660

20	ROB-10846	MOTOR, STEPPER, 2 PHASE, 68OZ-IN, 400 STEPS/REV	2	N/A	N/A	SPARKFUN ELECTRONICS	ROB-10846
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ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-002-001A	DOUBLE EXTRUSION	6	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1302
2	1234-001-003	EXTRUSION, 20MM X 20MM	1	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1221
3	1234-001-004	EXTRUSION, 20MM X 20MM	2	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1221
4	1234-004	L-BRACKET, ABS, 40MM X 40MM X 6.35MM THK	4	ABS, BLACK	NATURAL		
5	1234-005	Y-AXIS Z-BRACKET TYPE-A	2	ABS, BLACK	NATURAL		
6	1234-005	Y-AXIS Z-BRACKET TYPE-B	2	ABS, BLACK	NATURAL		
7	1234-014	Y-AXIS BELT TENSIONER	1	ABS, GREEN	NATURAL		
8	1234-029	MOTOR MOUNT, Y-AXIS	1	ALUMINUM	NATURAL		
9	1234-103	HEATED BED ASSEMBLY	1	N/A	N/A		
10	1157	SLIM T-NUT FOR 20MMX20MM EXTRUSION, M4	22	ALUMINUM	NATURAL	ADAFRUIT	1157
11	1158	OVAL T-NUT FOR 20MMX20MM EXTRUSION, M4	16	ALUMINUM	NATURAL	ADAFRUIT	1158
12	5537T81	CORNER BRACE FOR 20MMX20MM EXTRUSION	2	ALUMINUM	NATURAL	ADAFRUIT	1155
13	608ZZ	BEARING, 8MM ID, 22MM OD, 7MM WD	2	N/A	N/A	VXB	608ZZ
14	DIN-933 M8	BOLT, M8X1.25, 35MM LG	1	HIGH STRENGTH STEEL	NATURAL	McMASTER CARR	91310A539
15	DIN-934 M8	NUT, M8	1	STEEL	NATURAL	McMASTER CARR	92497A400
16	GT2T36	TIMING PULLEY, GT2, 6MM BELT, 36 TOOTH, 5MM DIA BORE	1	ALUMINUM	NATURAL	ADAFRUIT	1253
17	ISO-4762 M3X8, BLACK	SCREW, SC, M3X0.5MM X 8MM, FULLY THREADED	4	STEEL	BLACK OXIDE	McMASTER CARR	91274A103
18	ISO-7045-M6X18	SCREW, BHP, M6X18MM	8	STEEL	NATURAL	McMASTER CARR	

19	ISO-7380-S053 M4X10	SCREW, BHSC, M4x0.7 X 10MM LG	8	ALLOY STEEL	BLACK OXIDE	McMASTER CARR	91239A144
20	ISO-7380-S053 M4X8	SCREW, BHSC, M4X0.7 X 8MM LG	30	ALLOY STEEL	NATURAL	McMASTER CARR	91306A660
21	ROB-10846	MOTOR, STEPPER, 2 PHASE, 68OZ-IN, 400 STEPS/REV	1	N/A	N/A	SPARKFUN ELECTRONICS	ROB-10846
22	SK8	LINEAR RAIL SUPPORT, 8MM DIA	4	STEEL	CHROME PLATED	ADAFRUIT	1182
23	VXB KIT8388	ROD, ROUND, 8MM DIA X 762MM LG	2	CASE HARDEND STEEL	CHROME PLATED	VX BEARING	KIT8388

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-007	HEATED BED PLATFORM	1	ALUMINUM	NATURAL	LULZBOT	300X300M BED PLATE MOUNT (MODIFIED)
2	9338T31	LINEAR BEARING, 8MM DIA, 58MM LG	2	N/A	N/A	ADAFRUIT	1180
3	ISO-10642 M4X8	SCREW, FHSC, M4 X 8MM	8		BLACK OXIDE	McMASTER CARR	91294A188
4	ISO-10642 M4X16	SCREW, FHSC, M4 X 16MM	2	ALLOY STEEL	ZINC- PLATED	McMASTER CARR	91263A830
5	300X300MM BOROSILICATE GLASS	GLASS PLATE, 300 X 300MM X 6MM	1	BOROSILICAT E GLASS	NATURAL	LULZBOT	300 X 300MM BOROSILICAT E GLASS
6	24v SILICONE HEATER	SILICONE HEATER, 300X300MM, 24VDC	1	SILICONE, RED	NATURAL	LULZBOT	SILICONE HEATER
7	1234-015	Y-AXIS BELT TENSIONER	1	ABS, BLACK	NATURAL		
8	DIN-985 M4	NUT, SELF-LOCKING NYLON, M4	2	ALLOY STEEL	NATURAL	McMASTER CARR	90576A103
9	DIN-985 M3	NUT, SELF-LOCKING NYLON, M3	6	ALLOY STEEL	NATURAL	McMASTER CARR	90576A102
10	1234-016	Y-AXIS BELT TENSIONER CAP	1	ABS, BLACK	NATURAL		
11	ISO-4762 M3X20	SCREW, SC, M3X0.5MM X 20MM, FULLY THREADED	2	ALLOY STEEL	NATURAL	McMASTER CARR	91274A109
12	ISO-4762 M3X16	SCREW, SC, M3X0.5MM X 16MM, FULLY THREADED	12	ALLOY STEEL	NATURAL	McMASTER CARR	91274A107
13	1234-030	HEATED BED CORNER SUPPORT	4	ABS, BLACK	NATURAL		
14	1234-031	HEATED BED CORNER CLIP	4	ABS, BLACK	NATURAL		
15	1234-033	SPRING, COMPRESSION, .187OD, .012 WIRE DIA, .375 LG	4	MUSIC WIRE	NATURAL	McMASTER CARR (MODIFIED)	91166A230

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-012	Z-CARRIAGE MOUNT, LH	1	ABS, BLACK	NATURAL		
2	1234-013	Z-CARRIAGE MOUNT, RH	1	ABS, BLACK	NATURAL		
3	1234-017	Z-CARRIAGE RAIL SUPPORTS	2	ABS, BLACK	NATURAL		
4	1234-018	X-CARRIAGE BELT TENSIONER	1	ABS, BLACK	NATURAL		
5	1234-019	X-CARRIAGE BELT TENSIONER CAP	1	ABS, BLACK	NATURAL		
6	608ZZ	BEARING, 8MM ID, 22MM OD, 7MM WD	2	N/A	N/A	VXB	608ZZ
7	DIN-933 M8	BOLT, M8X1.25, 35MM LG	1	HIGH STRENGTH STEEL	NATURAL	McMASTER CARR	91310A539
8	DIN-934 M8	NUT, M8	1	STEEL	NATURAL	McMASTER CARR	92497A400
9	DIN-985 M3	NUT, SELF-LOCKING NYLON, M3	12	ALLOY STEEL	NATURAL	McMASTER CARR	90576A102
10	DIN-985 M4	NUT, SELF-LOCKING NYLON, M4	1	ALLOY STEEL	NATURAL	McMASTER CARR	90576A103
11	GT2T36	TIMING PULLEY, GT2, 6MM BELT, 36 TOOTH, 5MM DIA BORE	1	ALUMINUM	NATURAL	ADAFRUIT	1253
12	ISO-4762 M3X8, BLACK	SCREW, SC, M3X0.5MM X 8MM, FULLY THREADED	4	STEEL	BLACK OXIDE	McMASTER CARR	91274A103
13	ISO-4762 M3X16	SCREW, SC, M3X0.5MM X 16MM, FULLY THREADED	8	ALLOY STEEL	NATURAL	McMASTER CARR	91274A107
14	ISO-4762 M3X20	SCREW, SC, M3X0.5MM X 20MM, FULLY THREADED	4	ALLOY STEEL	NATURAL	McMASTER CARR	91274A109
15	ISO-4762 M4X45	SCREW, SC, PARTIAL THREAD, M4 X 45MM LG	1	ALLOY STEEL	NATURAL	McMASTER CARR	91290A184
16	KIT11866	SHAFT, HARDENED, 8MM DIA X 495MM LG	2	STEEL	CHROME PLATED	VXB	KIT11866
17	LMK8UU	FLANGED BEARING, LINEAR, 8MM DIA	2	N/A	N/A	UXCELL	LMK8UU
18	MSC-8-F	COLLAR, 8MM DIA SHAFT, 16MM OD, 8MM WD	8	ALUMINUM	BLACK	RULAND	MSC-8-F
19	ROB-10846	MOTOR, STEPPER, 2 PHASE, 68OZ-IN, 400 STEPS/REV	1	N/A	N/A	SPARKFUN ELECTRONICS	ROB-10846

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-020	X-CARRIAGE BASE PLATE	1	ABS, BLACK	NATURAL		
2	1234-021	HOT END ASSEMBLY MOUNT SUPPORT	1	ABS, BLACK	NATURAL		
3	1234-023	HOT END ASSEMBLY MOUNT PLATE	1	ABS, BLACK	NATURAL		
4	1234-024	HOT END ASSEMBLY MOUNT	1	ABS, BLACK	NATURAL		
5	1234-025	EXTRUDER COLD END	1	ABS, BLUE	NATURAL		
6	1234-026	EXTRUDER COLD END CLIP	1	ABS, BLUE	NATURAL		
7	1234-027	EXTRUDER NOZZLE FAN SUPPORT	1	ABS, BLACK	NATURAL		
8	1234-032	ROD, 8MM DIA X 12MM LG	1	ALLOY STEEL	NATURAL		
9	1234-033	SPRING, COMPRESSION, .187OD, .012 WIRE DIA, .375 LG	2	MUSIC WIRE	NATURAL	McMASTER CARR (MODIFIED)	91166A230
10	42BYGH243-14	STEPPER MOTOR, GEARED	1	N/A	N/A	KYSAN	42BYGH243-14
11	608ZZ	BEARING, 8MM ID, 22MM OD, 7MM WD	1	N/A	N/A	VXB	608ZZ
12	9338T51	LINEAR BEARING, 8MM DIA	3	N/A	N/A	ADAFRUIT	1179
13	90190A112	SELF-TAPPING SCREW, RHP, #4 X .625IN LG	2	STEEL	NATURAL	McMASTER CARR	90190A112
14	90190A151	SELF-TAPPING SCREW, RHP, #6 X .75IN	4	STEEL	NATURAL	McMASTER CARR	90190A151
15	95844A225	SCREW, FHP, M2.9 X 9.5MM LG	4	18-8 STEEL	NATURAL	McMASTER CARR	95844A225
16	DIN-125 M4	WASHER, FLAT, M4	4	STEEL	NATURAL	McMASTER CARR	91166A230
17	DIN-934 M4	NUT, M4X0.7MM	3	STEEL	ZINC-PLATED	McMASTER CARR	90591A255
18	DIN-985 M3	NUT, SELF-LOCKING NYLON, M3	1	ALLOY STEEL	NATURAL	McMASTER CARR	90576A102
19	DIN-985 M4	NUT, SELF-LOCKING NYLON, M4	4	ALLOY STEEL	NATURAL	McMASTER CARR	90576A103
20	HEXAGON HOT END	HEXAGON HOT END	1	N/A	N/A	LULZBOT	LULZBOT V2 HOT END

QTY	DESCRIPTION	PART NUMBER	QTY	MATERIAL	FINISH	SUPPLIER	NOTE
21	HEXAGON HOT END MOUNT PLATE	HEXAGONHOT END MOUNT PLATE	1	N/A	N/A	LULZBOT	(INCL. WITH) LULZBOT V2 HOT END
22	ISO-4752 M4X25	SCREW, SC, PARTIAL THREAD, M4 X 25MM LG	2	ALLOY STEEL	NATURAL	McMASTER CARR	91290A184
23	ISO-4762 M3	SCREW, SC, M3X0.5MM X 20MM, FULLY THREADED	4	ALLOY STEEL	NATURAL	McMASTER CARR	91502A111
24	ISO-4762 M3X8, BLACK	SCREW, SC, M3X0.5MM X 8MM, FULLY THREADED	2	STEEL	BLACK OXIDE	McMASTER CARR	91274A103
25	ISO-4762 M3X40	SCREW, SC, M3X0.5MM X 40MM, FULLY THREADED	1	STEEL	BLACK OXIDE	McMASTER CARR	91290A136
26	ISO-4762 M4X40, BLACK	SCREW, SC, PARTIAL THREAD, M4 X 40MM LG	2	ALLOY STEEL	BLACK OXIDE	McMASTER CARR	91290A184
27	ISO-7380-S053 M4X16	SCREW, BHSC, M4x0.7 X 16MM LG	1	ALLOY STEEL	NATURAL	McMASTER CARR	91306A662
28	ISO-7380-S053 M4X8	SCREW, BHSC, M4X0.7 X 8MM LG	12	ALLOY STEEL	NATURAL	McMASTER CARR	91306A660
29	ISO-10642 M4X16	SCREW, FHSC, M4 X 16MM	2	ALLOY STEEL	ZINC-PLATED	McMASTER CARR	91263A830
30	25MMFAN	FAN, 12VDC, 25MM X 10MM	1	N/A	N/A		
31	40MMFAN	FAN, 12VDC, 40MM X 10MM	1	N/A	N/A		

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1901	CONNECTOR, 0.1" CRIMP HOUSING, 1X2	2	N/A	N/A	POLOLU	1901
2	1902	CONNECTOR, 0.1" CRIMP HOUSING, 1X3	1	N/A	N/A	POLOLU	1902
3	1903	CONNECTOR, 0.1" CRIMP HOUSING, 1X4	1	N/A	N/A	POLOLU	1903
4	1930	CRIMP PIN, 0.1", 22-28AWG	4	N/A	N/A	POLOLU	1930
5	7060K71	TERMINAL, FEMALE, BARREL, 22-26AWG	2	N/A	N/A	McMASTER CARR	7060K71
6	7658K110	SWITCH, SNAP-ACTION, SPST-NO	1	N/A	N/A	McMASTER CARR	7658K110
7	42BYGH243-14	STEPPER MOTOR, GEARED	1	N/A	N/A	KYSAN	42BYGH243-14
8	HEXAGON HOT END	HEXAGON HOT END	1	N/A	N/A	LULZBOT	LULZBOT V2 HOT END
9	ROB-10846	MOTOR, STEPPER, 2 PHASE, 68OZ-IN, 400 STEPS/REV	1	N/A	N/A	SPARKFUN ELECTRONICS	ROB-10846
10	THERMISTOR	THERMISTOR, 100KOHM	1	N/A	N/A		
11	WIRE 26AWG	WIRE, STRANDED, 26AWG	1	N/A	N/A		

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-001-001	EXTRUSION, 20MM X 20MM	1	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1221

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-002	DOUBLE EXTRUSION	1	AL6061	NATURAL	ADAFRUIT (MODIFIED)	1302

ITEM NO	PART NUMBER	DESCRIPTION	QTY	MATERIAL	FINISH	VENDOR	VENDOR PART NO
1	1234-007	HEATED BED PLATFORM	1	ALUMINUM	NATURAL	LULZBOT	300X300M BED PLATE MOUNT (MODIFIED)