

TEM NO.	PART NUMBER	DESCRIPTION		2										
1		DESCRIPTION	QTY.	ITEM NO.	PART N	IUMBER	DESCRIPTION						QT'	Y.
_	TRA-201	Motion Rail Point A Tower	1	26	TRA-301		Large Tube						1	
2	ELEC-004	DC Motor	2	27	TRA-302		Small Tube						1	
3	TRA-206	DC Motor Cradle	1	28	DEX-501		Rotation Arm						1	
4	TRA-202	Motion Rail Point B Tower	1	29	DEX-502		Rotating Arm Cover						1	
5	TRA-205	1/4-20 AISI 1045 Steel Rod	1	30	DEX-503		Colour Sensor Mounting Plate					е	1	
6	6153K111	Stainless Steel Ball Bearing	2	31	DEX-504		Rotation Arm Gear Piece						1	
7	TRA-207	Point A (Motor - Threaded Rod) Coupling	1	32	DEX-505		Gearbox Housing Bottom - Left						1	
8	TRA-204	Slider Rail Point B Tower	1	33	DEX-506		Gearbox Housing Bottom - Right					ght	1	
9	TRA-203	Slider Rail Point A Tower	1	34	DEX-507		Gearbox Housing Top						1	
10	TRA-215	Aluminum Rod	1	35	DEX-508		Gearbox Housing Front Cover						1	
11	TRA-209	Traverse	1	36	DEX-509		Gearbox Housing Support Tab						2	
12	ELEC-005	Arduino Mega	1	37	DEX-510		Large Gear						1	
13	TRA-212	H-Bridge Standoff	4	38	ELEC-003		Tower Pro MG995 servo motor						1	
14	ELEC-006	12V to 5V DC Converter	1	39	DEX-102		Top Gripper Housing						1	
15	TRA-213	DC-DC Converter Standoff	2	40	DEX-103		Rack Arm Motor						1	
16	TRA-210	Traverse Lid	1	41	DEX-104		Rack Arm Fixed Cup						1	
17	ELEC-007	L298N Dual H-Bridge	1	42	DEX-101		Bottom Gripper Housing						1	
18	6483K61	Flange-Mounted Linear Ball Bearing	2	43	DEX-105		Penta Cup						1	
19	TRA-208	Point B (Bearing-Threaded Rod) Coupling	1	44	DEX-106		Cone Cup						1	
20	TRA-211	Arduino Standoff	4	45	DEX-110		Dexterity Motor Shaft						2	
21	FR-001	Base	1	46	ELEC-002		Smraza S51 Micro Servo Motor					or	2	
22	FR-002	Tower Shim	6	47	DEX-108		Gripper Motor Standoff						2	
23	FR-003	Lift	4	48	DEX-109		Gripper Motor Mount						1	
24	FR-004	End Platform	1	49	DEX-111		Servo Motor Coupling						1	
25	FR-005	Leg	2	50	DEX-107	Grippe				inion Gear			1	
FULL PARTS I													S BO	)M
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	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4 TRA-202 5 TRA-205 6 6153K111 7 TRA-207 8 TRA-204 9 TRA-203 10 TRA-215 11 TRA-209 12 ELEC-005 13 TRA-212 14 ELEC-006 15 TRA-213 16 TRA-210 17 ELEC-007 18 6483K61 19 TRA-208 20 TRA-211 21 FR-001 22 FR-002 23 FR-003 24 FR-004	4 TRA-202 Motion Rail Point B Tower 5 TRA-205 1/4-20 AISI 1045 Steel Rod 6 6153K111 Stainless Steel Ball Bearing 7 TRA-207 Point A (Motor - Threaded Rod) Coupling 8 TRA-204 Slider Rail Point B Tower 9 TRA-203 Slider Rail Point A Tower 10 TRA-215 Aluminum Rod 11 TRA-209 Traverse 12 ELEC-005 Arduino Mega 13 TRA-212 H-Bridge Standoff 14 ELEC-006 12V to 5V DC Converter 15 TRA-213 DC-DC Converter Standoff 16 TRA-210 Traverse Lid 17 ELEC-007 L298N Dual H-Bridge 18 6483K61 Flange-Mounted Linear Ball Bearing 19 TRA-208 Point B (Bearing-Threaded Rod) Coupling 20 TRA-211 Arduino Standoff 21 FR-001 Base 22 FR-002 Tower Shim 23 FR-003 Lift 24 FR-004 End Platform	4         TRA-202         Motion Rail Point B Tower         1           5         TRA-205         1/4-20 AISI 1045 Steel Rod         1           6         6153K111         Stainless Steel Ball Bearing         2           7         TRA-207         Point A (Motor - Threaded Rod) Coupling         1           8         TRA-204         Slider Rail Point B Tower         1           9         TRA-203         Slider Rail Point A Tower         1           10         TRA-215         Aluminum Rod         1           11         TRA-209         Traverse         1           12         ELEC-005         Arduino Mega         1           13         TRA-212         H-Bridge Standoff         4           14         ELEC-006         12V to 5V DC Converter         1           15         TRA-213         DC-DC Converter Standoff         2           16         TRA-210         Traverse Lid         1           17         ELEC-007         L298N Dual H-Bridge         1           18         6483K61         Flange-Mounted Linear Ball Bearing         2           19         TRA-208         Point B (Bearing-Threaded Rod) Coupling         1           20         TRA-211         <	TRA-202	TRA-202   Motion Rail Point B Tower   1   29   DEX-502	TRA-202	TRA-202	TRA-202	TRA-202	TRA-202	TRA-202	RA-202	TRA-202

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