



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	Servo Link	Steering linkage	1
2	outside shell	Outer shell	1
3	Handlebar	Handlebar	1
4	B18.2.4.5M - Hex jam nut, M6 x 1 --D-N	M6 hex jam nut	3
5	SG90 - Micro Servo 9g - Tower Pro	Micro servo motor	1
6	Head	Head component	1
7	B18.3.1M - 4 x 0.7 x 10 Hex SHCS -- 10NHX	M4 socket head cap screw	1
8		Assembly component	1
9	PANHTS 0.112-24-type IA-AB-0.8125-C	Panel fastener	2
10	knuckles(1)	Knuckle	1
11	AM -- M6 x 120 C	M6 connecting rod	1
12	2026 Frame	Frame	1
13	CR-PHMS 0.19-32x0.75x0.75-N	Retaining ring	2
14	6409K18	Compact Square-Face DC Gearmotor	1
15	B18.3.1M - 3 x 0.5 x 10 Hex SHCS -- 10NHX	M3 socket head cap screw	8
16	Axle Sleeve	Axle sleeve	1
17	Rear Tire	Rear tire	1
18	Sprocket & Chain Anime	Sprocket and chain assembly	1
19	2026 Link Plate	Link plate	1
20	Battery Box	Battery box	1
21	2026 Rear Sprocket	Rear sprocket	1
22	2026 Rear Wheel	Rear wheel	1
23	Rear Axle	Rear axle	1
24	B18.6.7M - M4 x 0.7 x 20 Type I Cross Recessed PHMS --20C	M4 cross recessed screw	3
25	2026 Cargo Shelf	Cargo shelf	1
26	2026 Chain Stay	Chain stay	2
27	B27.7M - 3CM1-5	M3 fastener	2
28	Front Sprocket	Front sprocket	-

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: VANT151 2026 TEAM4		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
						UBC Okanagan	
						TITLE: Assembly Drawing	
						DWG NO. FINAL FRAME	
						A3	
						SCALE:1:10	
						SHEET 1 OF 1	