



19	Standard Servo MC-410	servo.igs	1	Part	/
18	Small Motor 1271-1290	Mclennan 1271-2stage.stp	2	Assy.	/
17	Shaft Adaptor	Adaptor	2	Part	PLA
16	Servo Mount (provided along with motor)	servo_mount_provided	1	Part	/
15	Servo Mount 2	servo_mount_new_2_metal	1	Part	Mild steel
14	Servo Mount 1	servo_mount_new_1_metal	1	Part	Mild steel
13	Mild Steel rod, 3mm diameter, 40mm length	rod_3x40	1	Part	Mild steel
12	Light Sensor Mount	Light_sensor_mount_metal	1	Part	/
11	IR Distance Sensor GP2Y0A21YK0F 80cm	sharp_IR_sensor.stp	1	Part	/
10	IR Distance Sensor GP2Y0A02YK0F 150cm	sharp_IR_sensor.stp	1	Part	/
9	Holder	holder_metal	1	Part	Mild steel
8	Chassis	frame_metal	1	Part	Mild steel
7	Aluminum angle, 12.5×12.5×1.6, 40mm length	Alloy_equal_angle_Holder_mount	2	Part	Alloy
6	Colour Sensor LDR NSL 5112	/	2	/	/
5	Battery Pack	Battery_box_RL6165-F.stp	1	Assy.	/
4	Ball Caster 3/4" Pololu 995	pololu-ball-caster-with-0-750in-metal-ball.step	1	Part	/
3	Arduino Uno	arduino uno.step	1	Assy.	/
2	Arduino Standoff	Arduino_standoff	4	Part	PLA
1	2.75" Wheel Vex 276-1496	2_75_Wheel_276-1496.STEP	2	Assy.	/
No.	Part Name	Part Filename	Qty.	Type	Material

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBURR AND BREAK SHARP EDGES	
NAME		SIGNATURE		DATE	
DRAWN		CHK'D		APP'VD	
MFG		Q.A.		MATERIAL:	
TITLE:		DWG NO.		A2	
WEIGHT: 970g		SCALE: 1:1.5		SHEET 1 OF 1	