



ITEM NO.	PART	DESCRIPTION	QTY.
1	Sheet Metal Chassis	Custom water jet cut design	1
2	Plastic Wheel with O-ring	Yellow plastic wheel with Futaba spline	2
3	Servo Motor	1 Tower Hobbies TS-53 (for head) and 2 Parallax Continuous Rotation	3
4	Circuit Board	Custom ExpressPCB board	1
5	IR Proximity Sensor	OMRON EE-SB5	2
6	Sheet Metal Head	Custom water jet cut design	1
7	Ultrasonic Rangefinder	PING))) sensor	1
8	Spacer	4-40 half inch spacer	10
9	Battery Pack	Holds 4 AA batteries	1
10	Ball Caster	TAMIYA omni-directional ball caster kit	1

Please note that not all components are included in this design including:

- Screws (4-40 suggested), washers, and nuts
- 2 WheelWatcher encoders
- All circuit board components