

Part	Amount	Mfg part #/Additional Info	Vendor & Part No.
Arduino Uno	1		Adafruit 50
Breadboards	2 or 3		various
Breadboard hook-up wires	2		Adafruit 153
Tamiya Planetary Gearbox Kit (motor)	1	Tamiya 72001	Jameco 358213
7-Segment LED	1	LIG (LSD8164-20)	Jameco 18737
H-Bridge	1	SN754410NE	Jameco 1054684
Shift register	1	74HC595	Jameco 46105
Piezo buzzer	1	PB140-ROX	Jameco 2098523
Momentary (tactile) button	2	01-805-R	Jameco 119011
Resistors (for buttons)	2	10k Ohm	
Resistors (for 7-segment LED)	2	470 Ohm	
Capcitor (for motor)	1	0.1uF	
PING))) Ultrasonic sensor	1	Parallax 28015	Jameco 282861
Small protoboard to mount PING))) sensor	1	any small protoboard	example: RadioShack 276-148
Various hardware: elevator car, runner, pulley, etc.			scrap box
5v power AC to DC power supply	1	Solarbotics 34020	Jameco 2115750
9V DC wall wart	2	2.1 mm barrel jack	
Optional:			
Adafruit ARDX - v1.3 Experimentation Kit for Arduino	1		Adafruit part no. 170