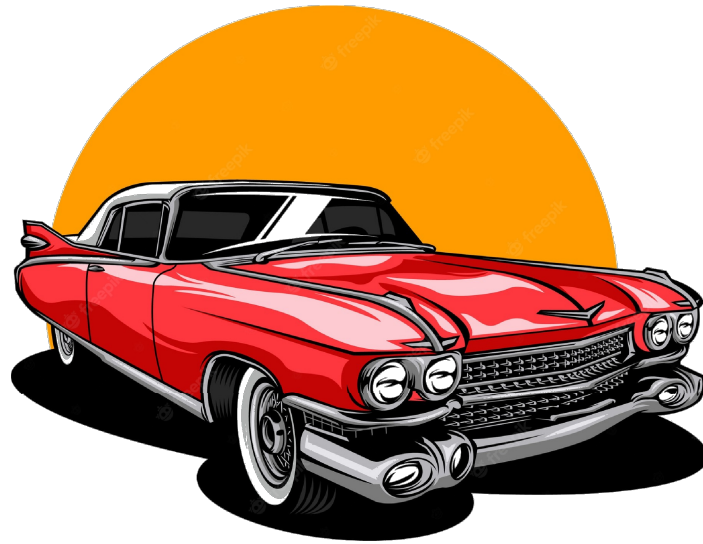

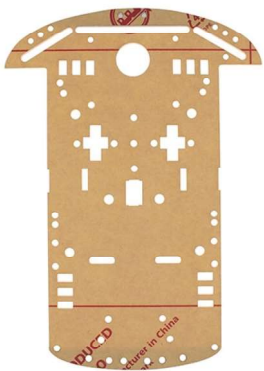


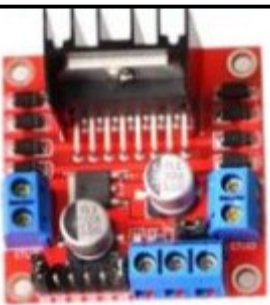
















Smart Mobile Remote Controlled Car Kit 1.0 Plus

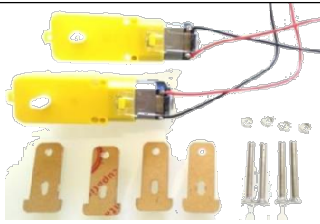


Assembly tutorial

Step 1 : Provide all the component below.

			
DC motor	Base plate	Wheels	USB cable
			
L298H motor controller	Male to male Jumper	Swivel wheel	Arduino Uno
			
4 X 5 mm M3 screws	Male to Female Jumper	9V Battery connector plug	9V Battery connector plug
			
4 x M3 nuts	Optical interrupt disc	4 x acrylic tabs	4 x 30 mm M3 screws
			
bluetooth module hc-05	Power switch	2 x 9V Battery	

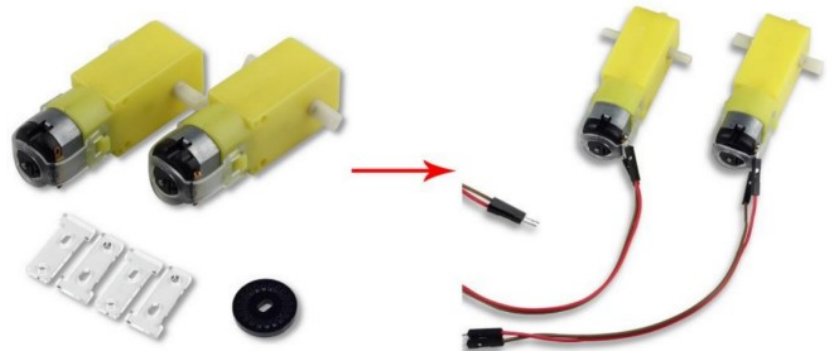
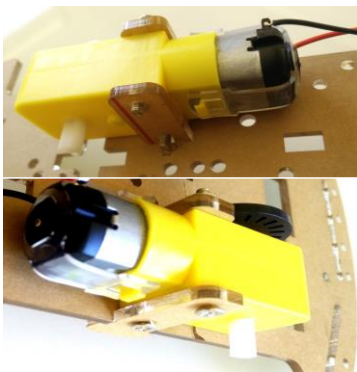
Step 2 : Assembly Instructions (Mount the Motors on the Bottom of the Baseplate)





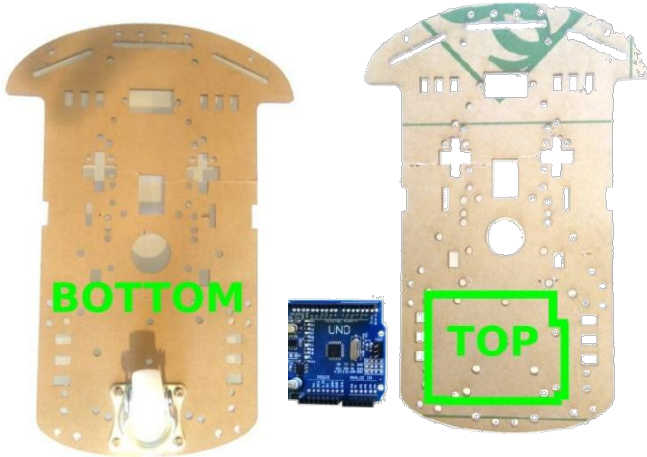
Parts Needed

- 2 × motors
- 2 × 10 cm wires, black
- 2 × 10 cm wires, red
- 4 × acrylic tabs
- 4 × 30 mm M3 screws
- 4 × M3 nuts 2 × Wheels


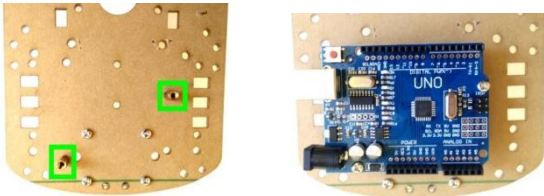
- **Solder** one red and one black wire to each motor. Either terminal can be either color.
- Place one tab in a slot **down from the top** of the baseplate, align the motor, and place the other tab on the slot on the side of the baseplate.
- Insert two screws from the outside tab through the motor and inside tab and connect the nuts.
- Repeat the procedure for the other motor. Mount the wheels on the motors (Optional). Attach the optical interrupt discs on the inside axes.



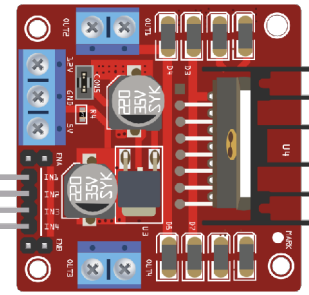
Step 3 : Assembly Instructions (Mount the Swivel Wheel)

	<p>PartsNeeded</p> <p>SwivelWheel</p> <ul style="list-style-type: none">– 4 × 5 mm M3 screws– 4 × M3nuts	<p>Determine the top of the base-plate; it is not symmetric. Use the Arduino as a guide. Attach the swivel to the bottom of the base-plate using the screws and nuts.</p>
		

Step 4 : Assembly Instructions (Mount the Arduino)

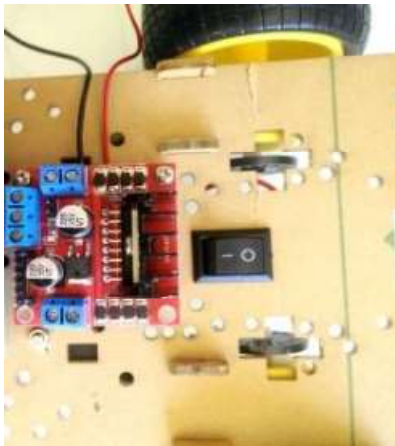
	<p>PartsNeeded</p> <p>Arduino</p> <ul style="list-style-type: none">2 × 10 mm M3 spacers4 × 5 mm M3 screws	<p>Connect the two spacers to the top of the baseplate using two screws. Mount the Arduino on the spacers using the other two screws.</p>
		

Step 5 : Assembly Instructions (Mount the Switch and DC Motor driver)



Parts Needed
– L298N board
– Switch

- Insert the switch on the top of the baseplate between the two motors
- Insert the L298N board on the top of the baseplate between the two motors and switch



Assembly Instructions illustration

