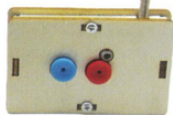


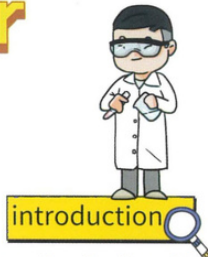


Scan the code
to watch the
installation
video tutorial

remote-controlled racing car



www.juniorshopper.com

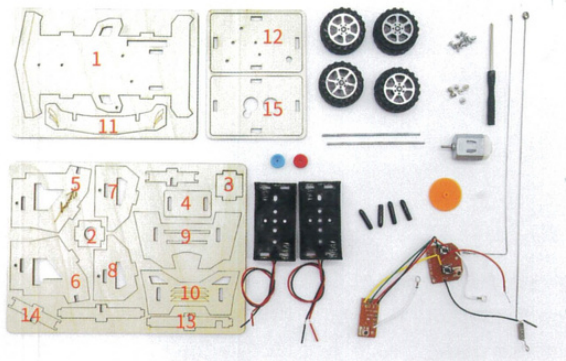


Remote control racing is mainly realized using the principle of wireless remote control. The remote control converts control instructions (forward, turn, etc.) into low-frequency coded signals through an encoding circuit, which are modulated and transmitted by the antenna. After the antenna at the trolley end receives the signal, the encoded signal is demodulated by the super regenerative circuit, and then the command is recognized by the decoding chip, and the motor is driven to perform corresponding actions. Without any obstruction or interference, the remote control distance is 5 to 7 meters.

operation steps Children all have 100,000 whys, bring H/S here to find answers!

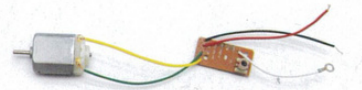
bill of materials

- ① Four 35 wheels
- ② 75mm iron shafts, 2
- ③ 6mm screws, 8
- ④ 4mm cap screws, 6
- ⑤ screwdriver, 1
- ⑥ 130 motor, 1
- ⑦ 1 red button
- ⑧ 1 blue button
- ⑨ battery boxes, 2
- ⑩ Insulating caps, 2
- ⑪ 50 orange gear, 1
- ⑫ 10 white gear, 1
- ⑬ transmitting board, 1
- ⑭ receiving antenna each



Warm reminder: Children should pay attention to safety during the production process. All parts cannot be imported. Children should operate under the guidance of parents or teachers. If you want to complete the experiment easily, please read the instructions carefully. If you don't understand, you can watch the video or seek help from others!

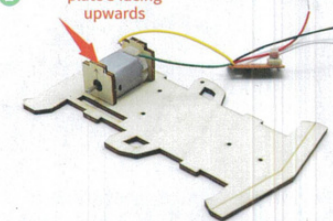
1



Connect the green and yellow wires of the receiving board to the positive and negative poles of the motor

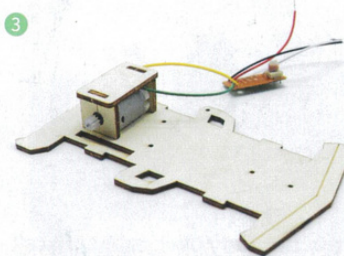
2

Install the
arrow mark on
plate 3 facing
upwards



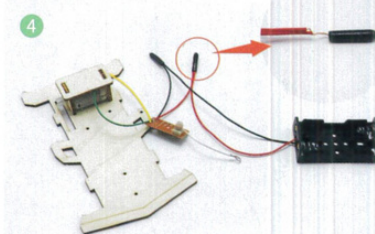
Clamp the front and rear ends of the motor with No. 2 and No. 3 plates and install them together on the No. 1 base plate, with the motor shaft facing the long hole side

3



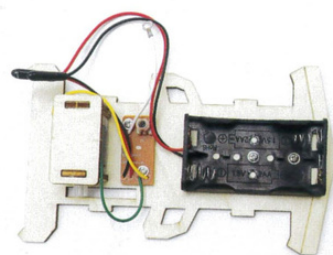
Install plate No. 4 on top of plates 2 and 3 and insert the white pinion on the motor iron shaft

4



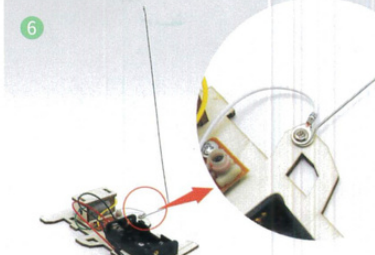
Connect the remaining red and black wires on the receiving board with the red and black wires on the battery box correspondingly, and cover the connecting wires with the insulating cap

5



As shown in the figure, use two long screws to fix the receiving plate on the No. 1 board, and use two short screws to fix the battery box on the No. 1 board

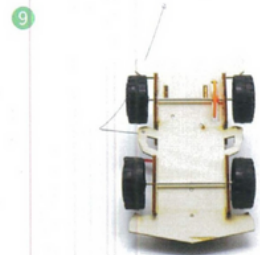
6



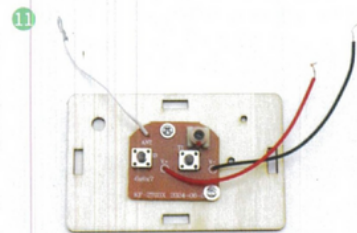
Use a short screw to pass through the white wire metal hole on the receiving plate, then pass through the round hole of the right-angle antenna, and then fix it on the No. 1 plate as shown in the figure.



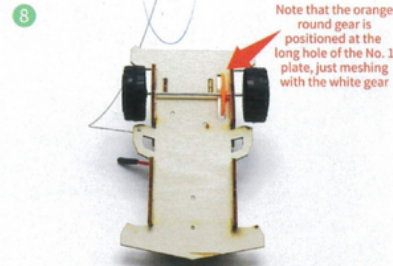
As shown in the figure, install four wooden boards No. 5, 6, 7 and 8 on both sides of No. 1 board respectively



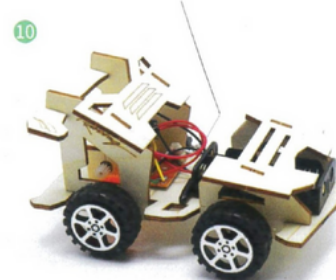
Pass another iron axle through the round holes of No. 7 and No. 8 plates, and install the wheels on both sides of the iron axle



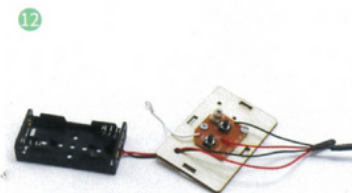
As shown in the figure, use two long screws to fix the launch plate to the middle position of the No. 12 plate



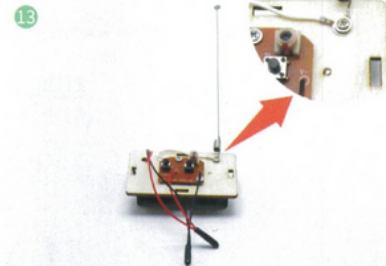
Turn over the No. 1 plate, pass the iron shaft through the No. 5 plate, the orange round gear and the No. 6 plate in turn, and install the wheels on both sides of the iron shaft



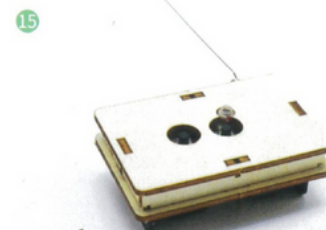
Turn the car body over again, install the No. 9, 10, and 11 plates from front to back on the top and rear sides, and partially install the trolley



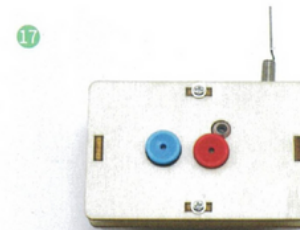
Pass the red black line of the battery box through the round hole on the back of the No. 12 board, and then connect it to the red and black lines of the launch board correspondingly. Cover the connection position with an insulating cap



Use a short screw to pass through the metal ring on the white line of the transmitter board and the metal round hole on the long straight antenna in turn and fix it at the position shown on the No. 12 board.



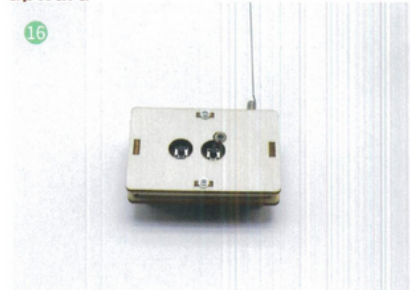
Install the No. 15 plate above as shown



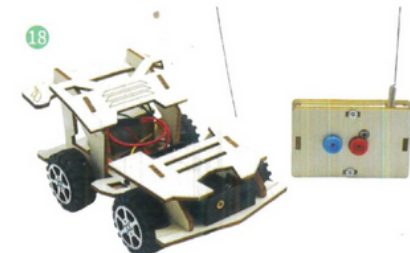
Press the red and blue buttons firmly on the remote control button on the launch pad



Assemble the No. 13 plate and No. 14 plate with a tick shape and install them on the No. 12 bottom plate, with two screw holes facing downward and the other two facing upward



Use 4 long screws to fix them on the upper and lower sides respectively



The remote control racing car is installed!