The solar car No. 2 uses solar panels to convert sunlight into electricity to motor power. Assemble the solar car by yourself, open up your mind, cultivate the spirit of exploration and creativity.

**Principle**

1. When the solar car is installed, it can only be moved under direct sunlight. It does not need batteries and can be moved as long as there is sunlight.
2. A space of 1-1.5MM is reserved between the bushing and the wooden bracket to ensure that the wheels can rotate freely.
3. If there is a protective film on the battery board, first remove the protective film and then test.
4. To install the wheel, you can put the wheel and the shaft vertically on the table, and tap it in with a small hammer or a hard object.

**Notes**

**Accessory**

- Tail panel
- Right side panel
- Left side panel
- Wheel
- Big gear
- Small gear
- Motor
- Solar panel
- Bushing
- Green gasket
- Black screw
- Silver screw
- Small screw
- Screwdriver
- Wheel vinyl cover

**Assembly process**

1. Gently press down to leave a gap between the gear and the motor. Install small gear.
2. Secure with small screws. Install the motor.
1. Install the spacer

2. Install short shaft

3. Fix with black screws

4. Schematic diagram of the back

5. Install green gasket

6. Install big gear

7. The gear bumps out

8. The gears bite each other

9. Install gear shaft

10. Insert the Tail panel

11. Tail
Install right side panel

Fix right side panel

Fix with black screws

Install Vinyl cover

Place the roof plate

Fixed with screws

Paste the solar panel

Keep a distance of 1--1.5MM between the shaft sleeve

Install shaft and wheels

Wheels can be installed by lightly tapping in with a small hammer

Paste the solar panel

Tear off the protective film
Solar panels convert sunlight into electricity. The solar panel transmits electricity to the motor, and the motor starts to rotate after receiving the electricity. The rotating motor shaft drives the gear, and the principle of gear transmission makes the wheel rotate again, and the car starts to move!

After the car is installed, put it under direct sunlight, and the car will move! The stronger the sun, the move the fast.