

solar car

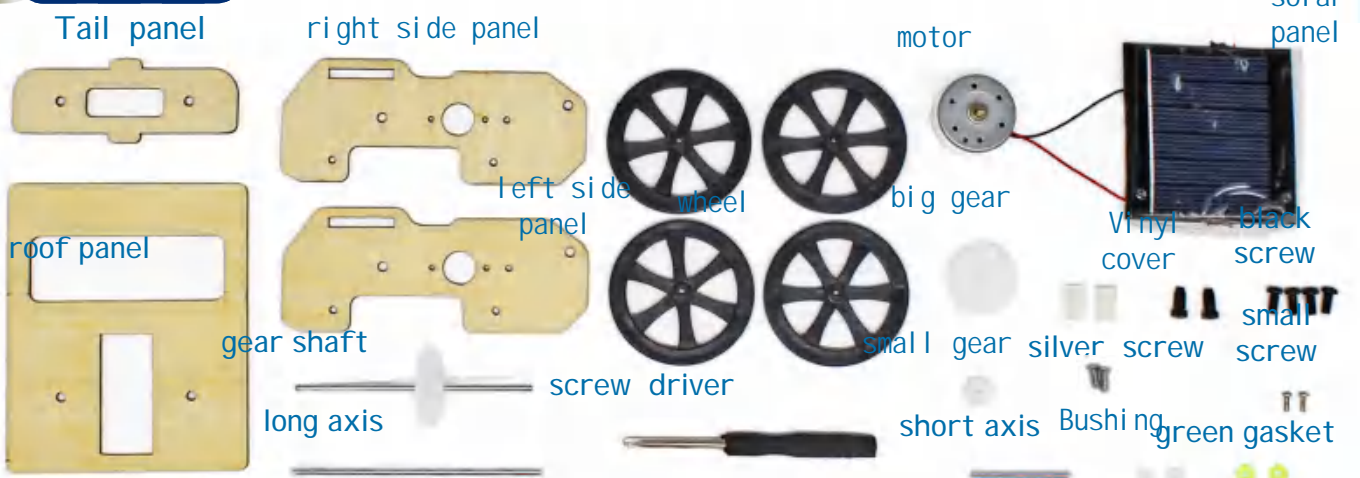
Principle

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.

Notes

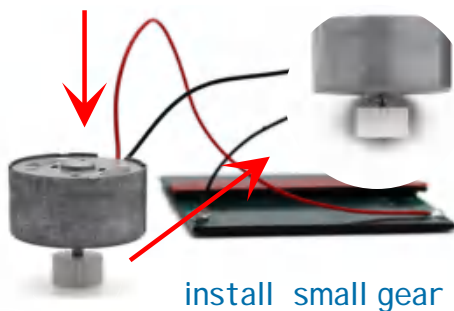
1. when the solar car is installed, it can only be moved under direct sunlight. It does not need batteries and can be moved as long as there is sunlight.
2. A space of 1--1.5MM is reserved between the bushing and the wooden bracket to ensure that the wheels can rotate freely.
3. If there is a protective 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

Accessory



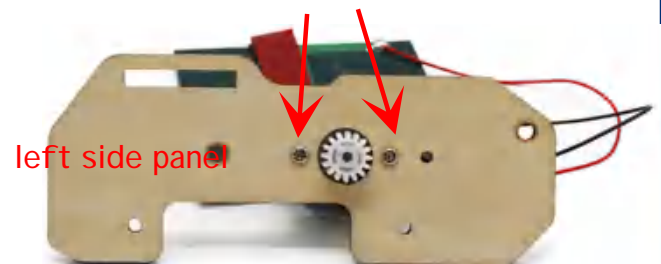
Assembly process

Gently press down to leave a gap between the gear and the motor



1

Secure with small screws

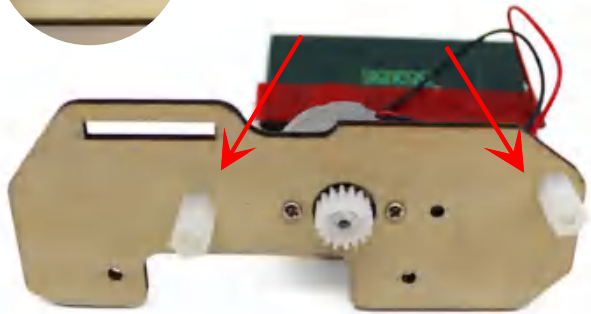


2

Schematic diagram of the back



Fix with black screws



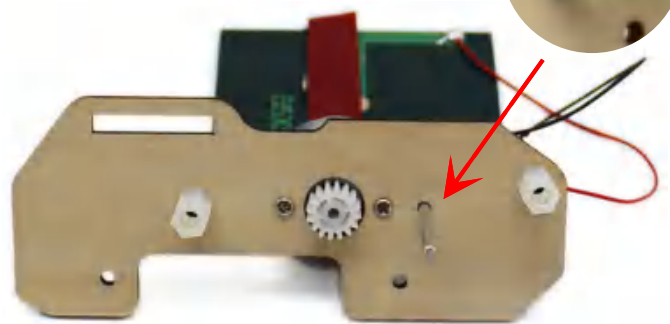
Install the spacer

3



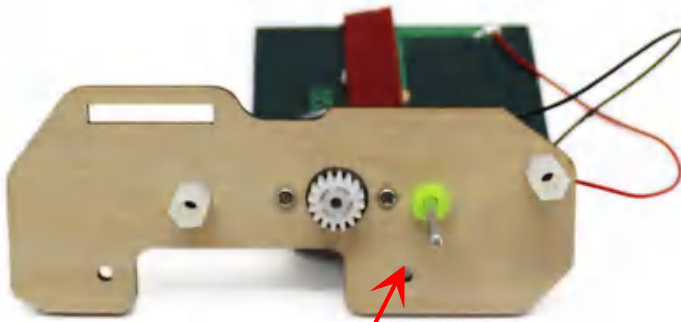
Short shaft installation vinyl sleeve

back diagram



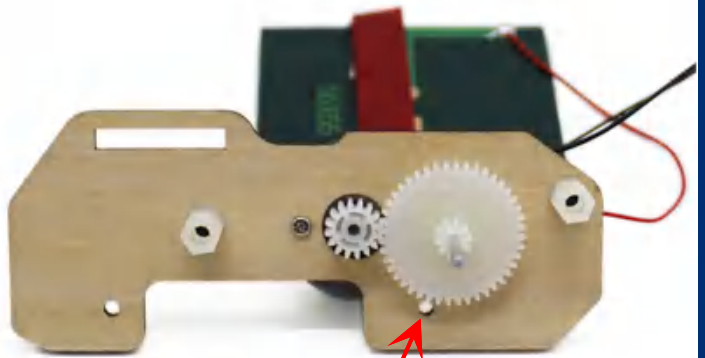
install short shaft

4



install green gasket

5

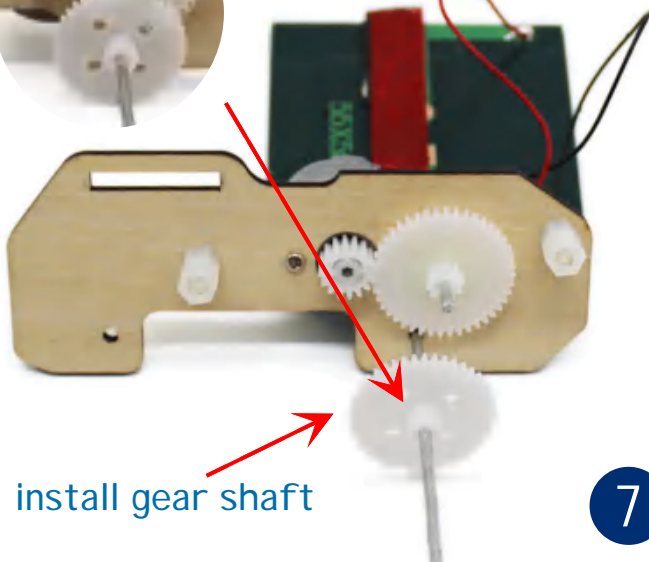


install big gear

6

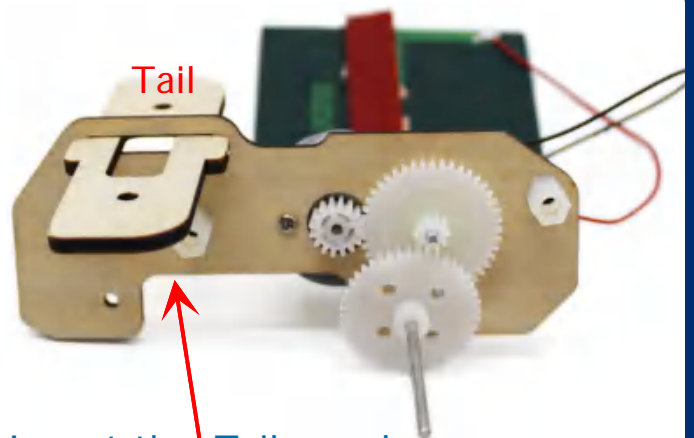


The gear bumps out
The gears bite each other



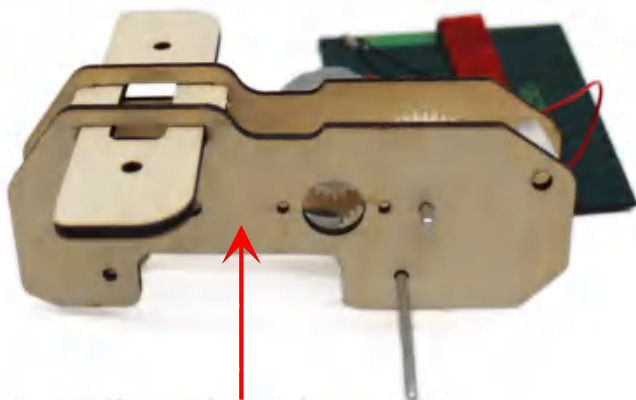
install gear shaft

7



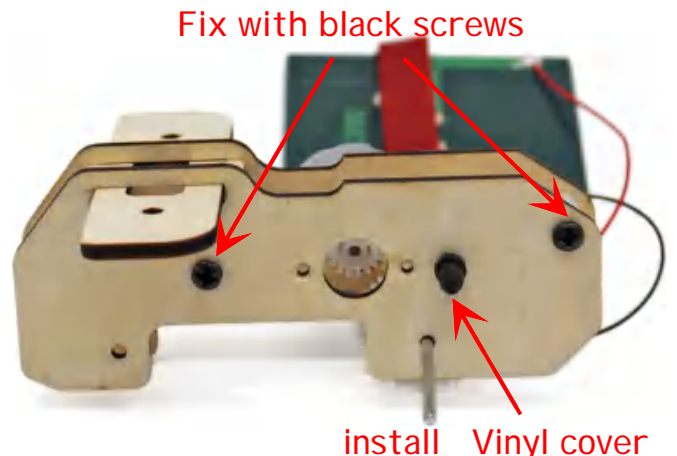
Insert the Tail panel

8



install right side panel

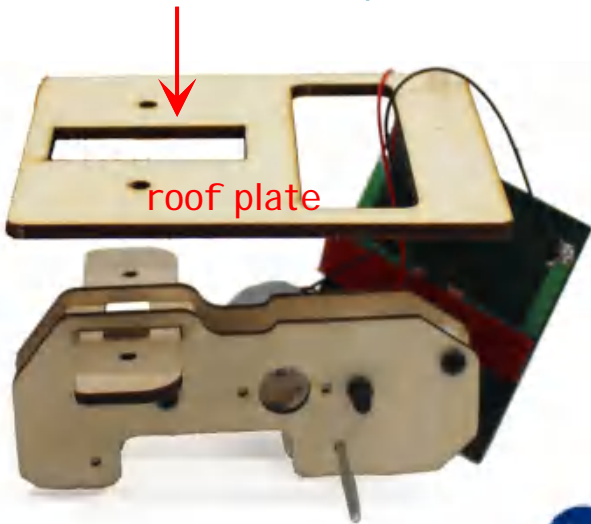
9



fix right side panel

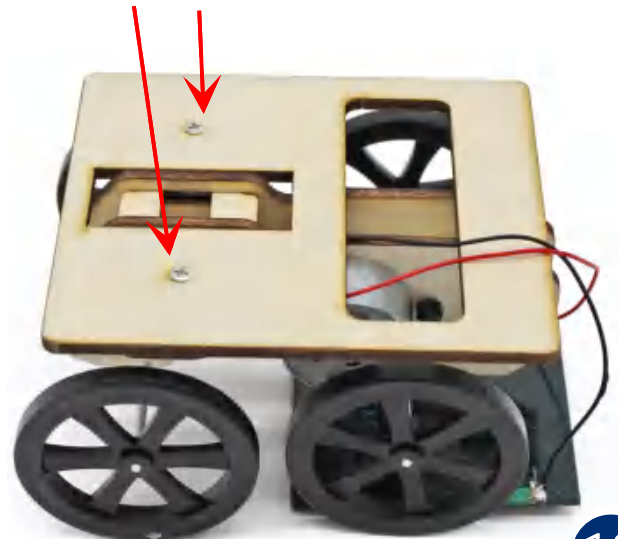
10

Place the roof plate



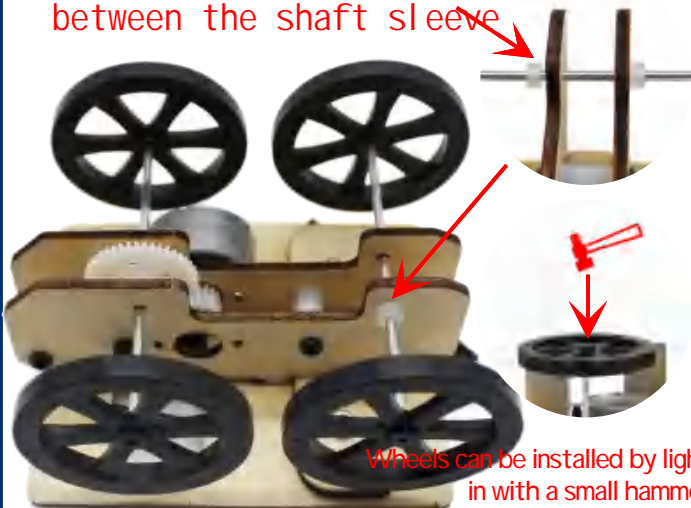
11

fixed with screws



12

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



Install shaft and wheels

13

tear off the protective film

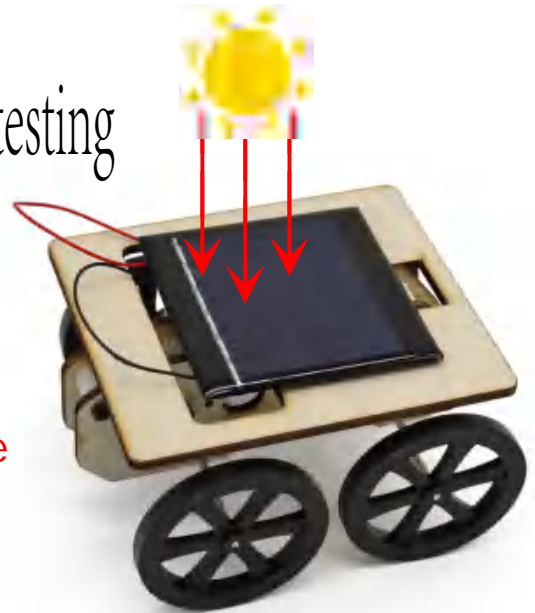


Paste the solar panel

14

Finished and start testing

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



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!

