

# solar car

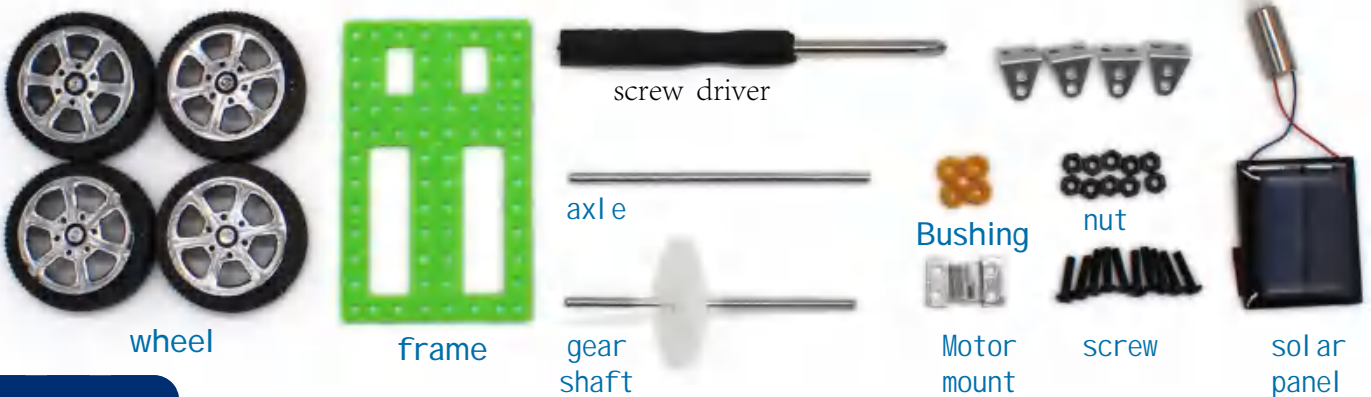
## Principle

The solar car converts sunlight into electricity through solar panels to provide power for the motor. Do-it-yourself assembly of solar cars, broaden your thinking, cultivate the spirit of exploration and creativity

## Notes

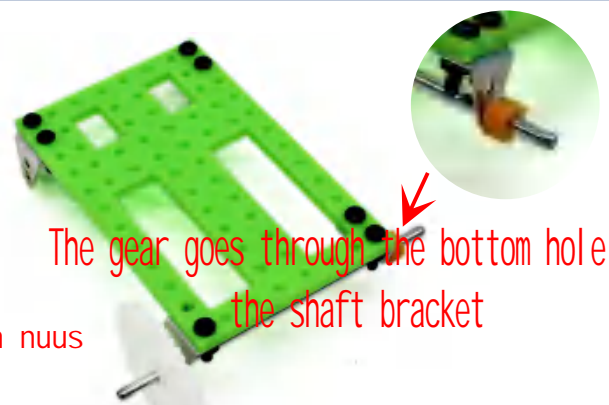
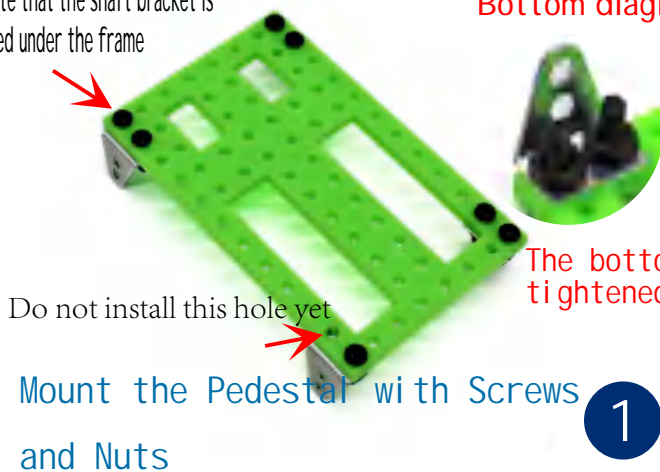
1. A space of 1--1.5MM is reserved between the bushing and the wooden bracket to ensure that the wheels can rotate freely.
2. If there is a protective film on the battery board, first remove the protective film and then test
3. To install the wheel, you can put the wheel and the shaft vertically on the table, and tap it in with a small hammer or a hard object
4. When fixing the motor, be sure to match the gear first, align the position, and then fix it.

## Accessory

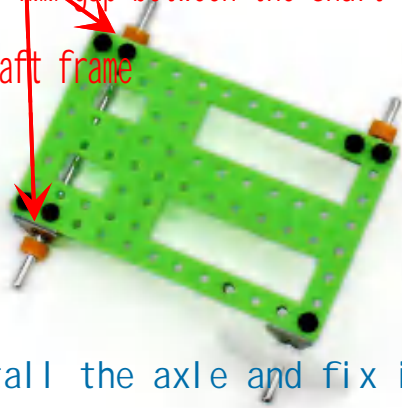


Note that the shaft bracket is fixed under the frame

Bottom diagram



There is a 1MM gap between the shaft sleeve and the shaft frame



Install the axle and fix it with bushings on both sides

3



the gears must match each other

Install the motor

4

Test

solar car complete



Please don't test through the glass

5

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!

M1 solar car



voice-activated robot



solar car

