

Let's assemble!

1 Let's start from the body block sheet.

Cut the sheet along the line carefully using knife or scissors. Pulling softly on each edge makes line finding easier. Remove small holes too.

2 Let's assemble the tires.

Attach the tire holders on each tire pressing from both sides.

3 Let's assemble the motor.

Place the long gear onto the motor. Insert the motor into the body.

The side without the center hole is the Left side.

4 Let's assemble the main body.

The cap gear is put into a hole (mid). 4 slim straws and 3 thick straws are placed as shown here.

Here only slim straw is used. Slim straw is inserted into thick straw.

5 Now attach the "wings and fixtures" to the straw.

When the straw does not pass through the hole of "wings and fixtures", widen the hole with a pencil, it will be easier to pass the straw through.

6 Let's attach the tires.

Insert the bamboo axle to the line only. Add the washer. Pass the bamboo axle through the straw. Each side should be equipped with a flat washer and a tire.

Press tire onto bamboo axle up to the line.

You will feel the end of the bamboo axle inside the tire holder (slightly).

7 Let's install the solar panel.

Flex the panel (curve) carefully to insert onto car. The edge of the solar panel hooks inside of these body clips. Attach clips to the metal area.

Be careful with the terminals so you do not break them. Attach terminal clips across the metal area.

PLUS +:Red
MINUS -:Black

Let it run!

Let's put the solar motorcar on a safe and even place. Shortly after light hits, it will begin to run.

To optimize performance.

Adjust motor gear angle. Position the motor to the most effective position (in or out), or the right tilt angle.

This is important.

The motor can adjust in or out.

When you place the car on the ground the tire will raise upward and engage the motor gear to start turning the tire.

Let's try the high speed mode.

This solar motorcar can run on small slopes and light rugged terrain. However, on the flat ground, it has a secret method for running at a higher speed. Let's try.

- 1) The solar panel and motor are removed from the body.
- 2) The cap gear is inserted on the tip of the long gear.
- 3) Install the motor into the motor hole on the opposite side of the car (Right side).
- 4) Re-attach panel and reverse polarity
PLUS +:Black
MINUS -:Red

When not using cap gear, store in center hole.

Speed will increase!
However, the new mode will not allow it to run on slopes or rough terrain.

When not in use remove the red clip from the metal terminal. Store the car out of the sun. Reconnect the clip when you want to power the motor.

You can attach the red clip to the yellow plastic for storage.