

RACER

SOLAR Science Kit



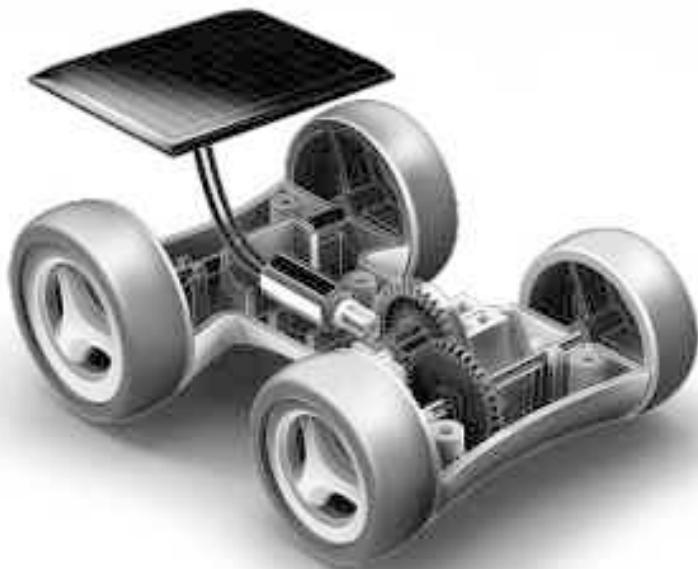
Assembly & instructions

MANUAL

Keep the instructions for later
look up.

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RACER SOLAR Science Kit

Product introduction

This unique solar racing car demonstrates the basics of solar energy in a simple and understandable way, while providing great fun when assembling the model and lots of enjoyment when playing. The little solar-powered speedster uses the energy of direct sunlight to drive an electric motor that sets it in motion. A battery is therefore not necessary. With only 23 parts and ingeniously no screws at all, children need nothing more than a pair of side cutters to assemble it. This makes modelling fun! Utilise the infinite power of the sun and enjoy the free ride and off you go into the future of clean energy!

Tools required



Side cutter



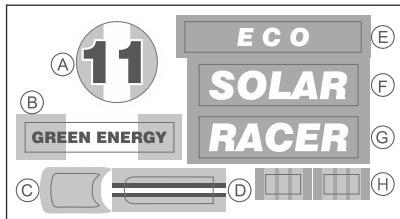
Parts list of the drive parts

! The product contains functional edges and sharp points.

P1	Gearbox (red)	P2	Gearwheel with shaft	P3	Adhesive pad
A small, red, cylindrical gearbox with a gear attached to one side.	Pcs. 1	A gear attached to a long, thin, cylindrical shaft.	Pcs. 1	A small, rectangular, grey adhesive pad.	Pcs. 2
P4	Round shaft (short)	P6	Solar module with motor		
	A short, thin, rectangular shaft.		A rectangular solar panel with a motor and a cable attached.		Pcs. 1
P5	Round shaft (long)				
	A long, thin, rectangular shaft.				
	1:1				
				A warning icon with the text "Do not connect the wires to the mains.".	
					1

P7

Sticker



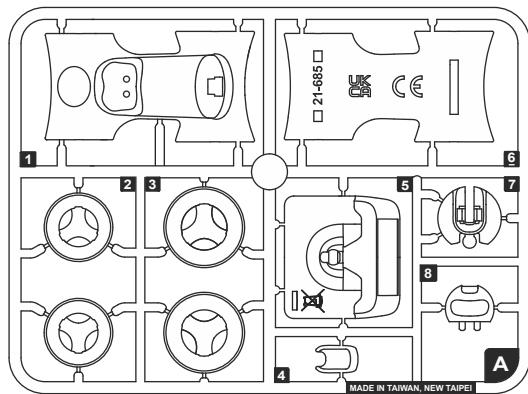
Pcs.

1

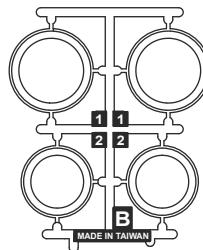
Plastic parts

! Only cut the plastic parts out of the plastic grid when you actually need them.

A

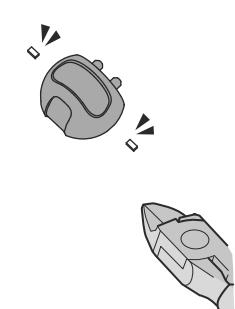
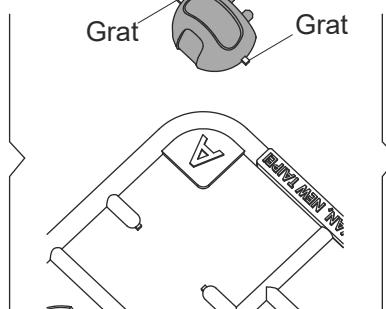
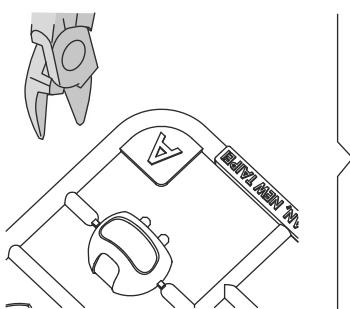


B



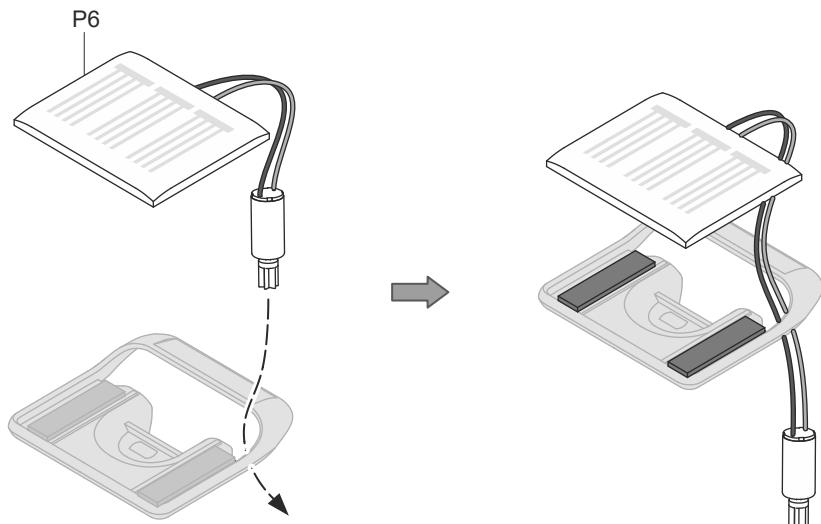
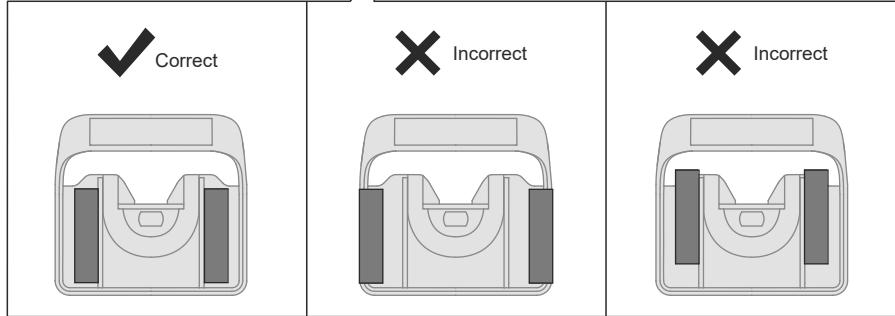
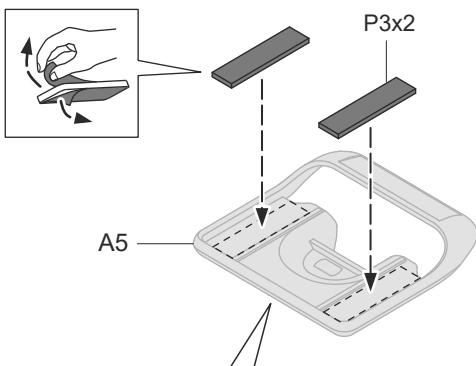
Tip

! Cut off the burrs with the side cutter before assembly.

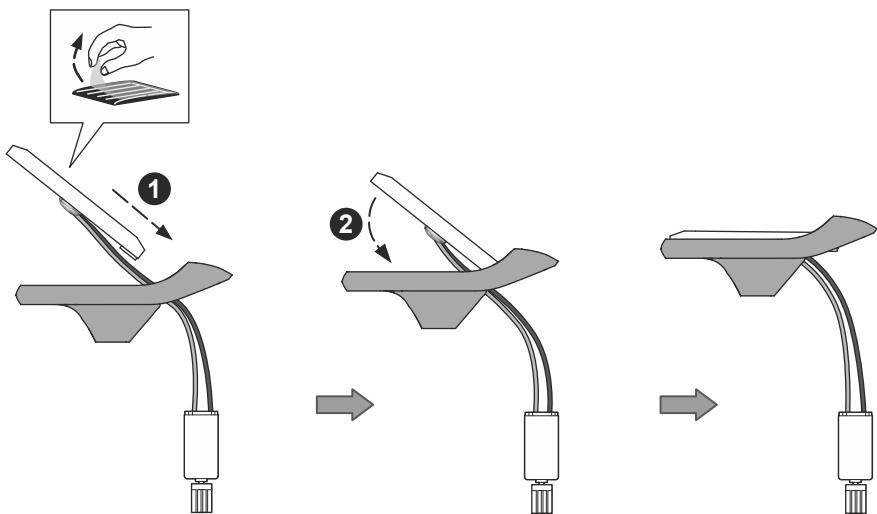


Structure / Assembly

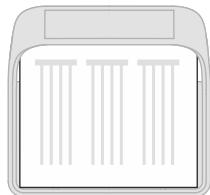
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2



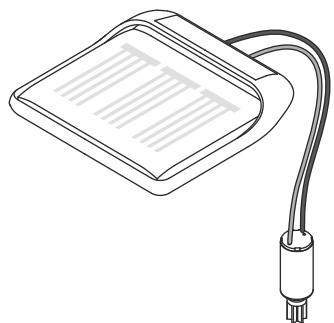
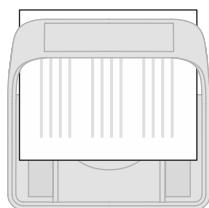
✓ Correct



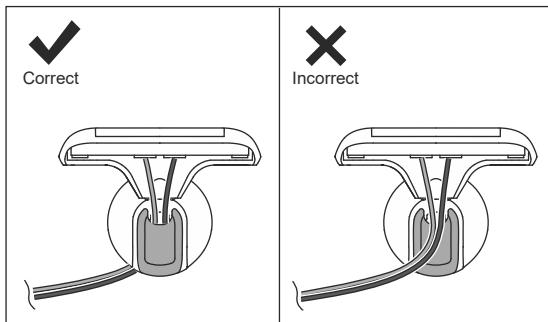
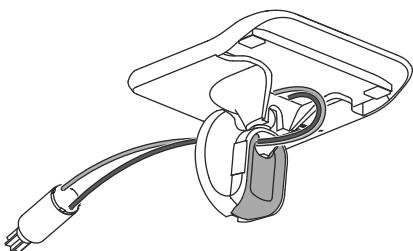
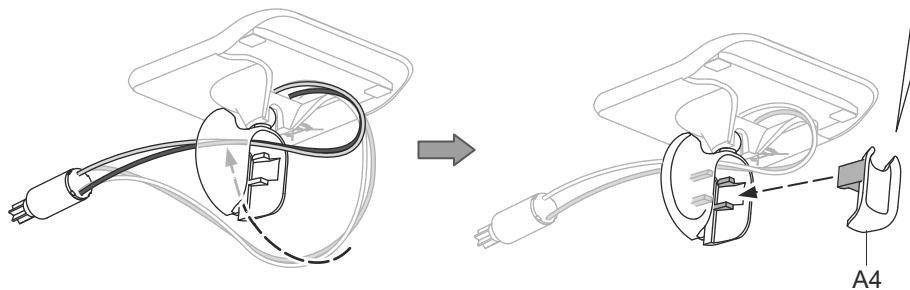
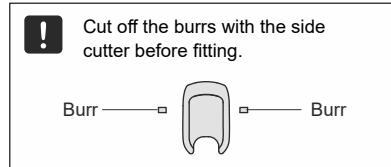
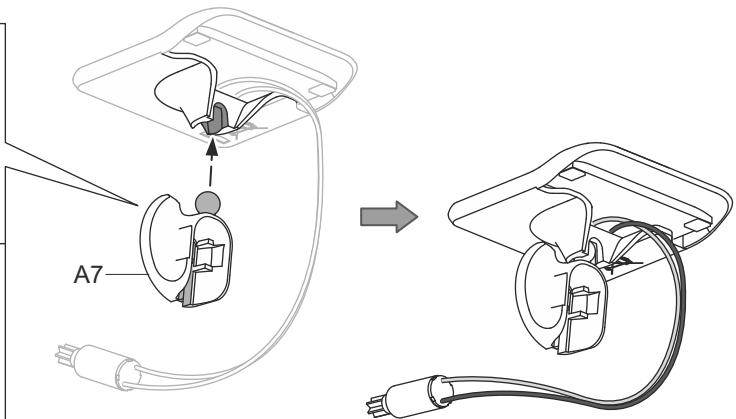
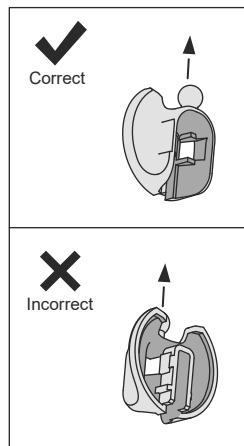
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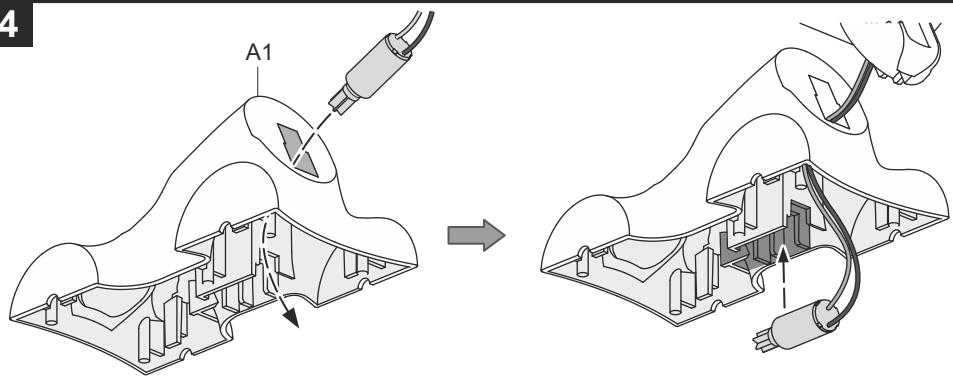
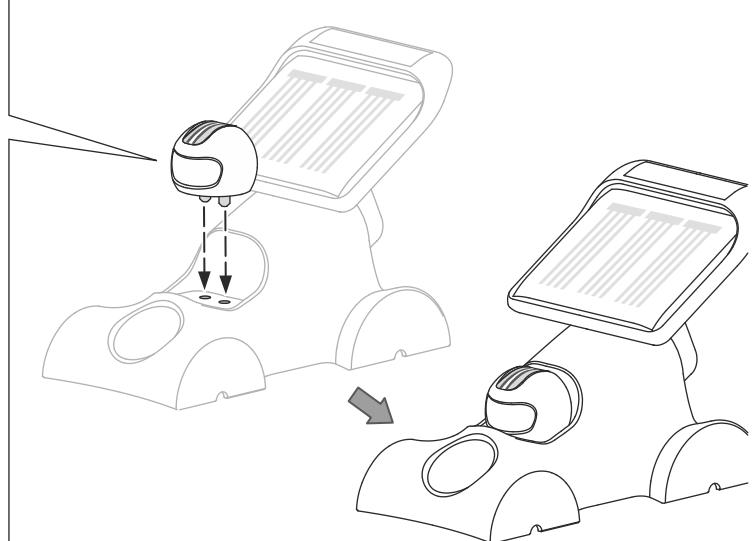
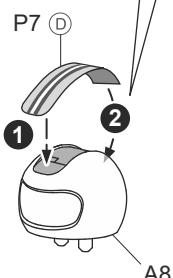
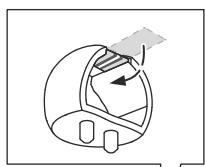


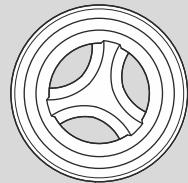
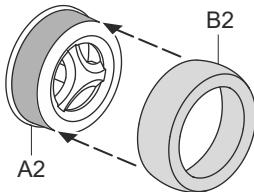
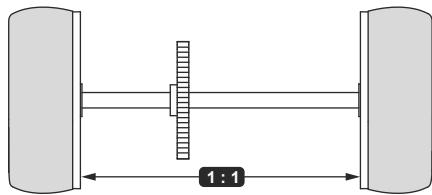
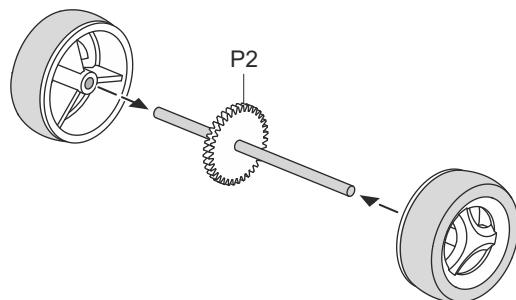
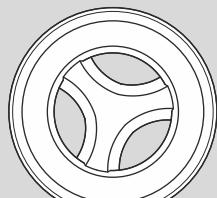
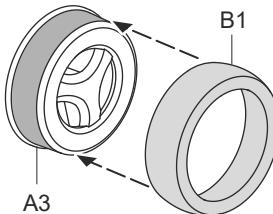
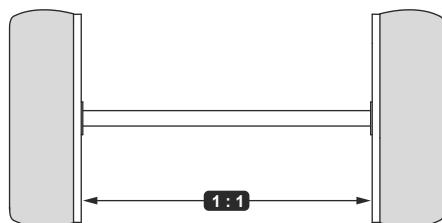
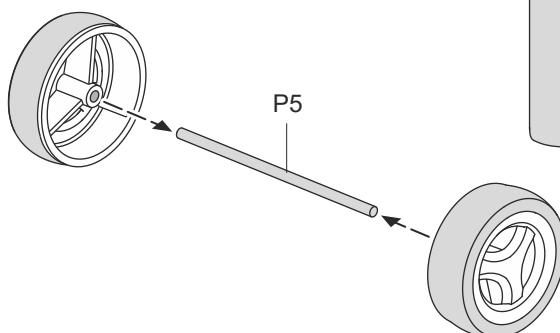
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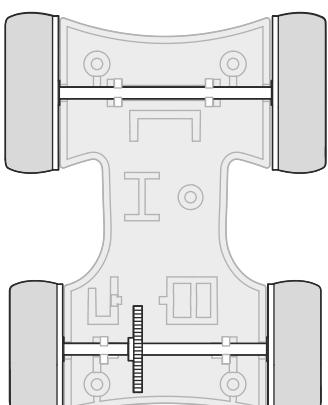
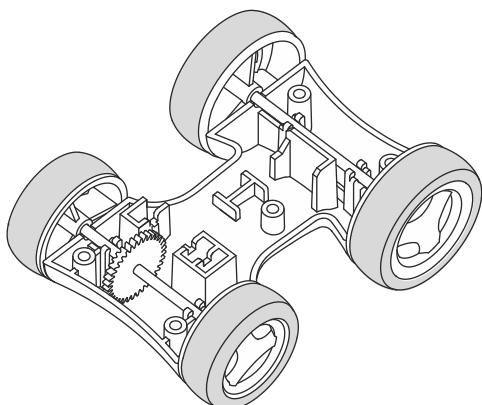
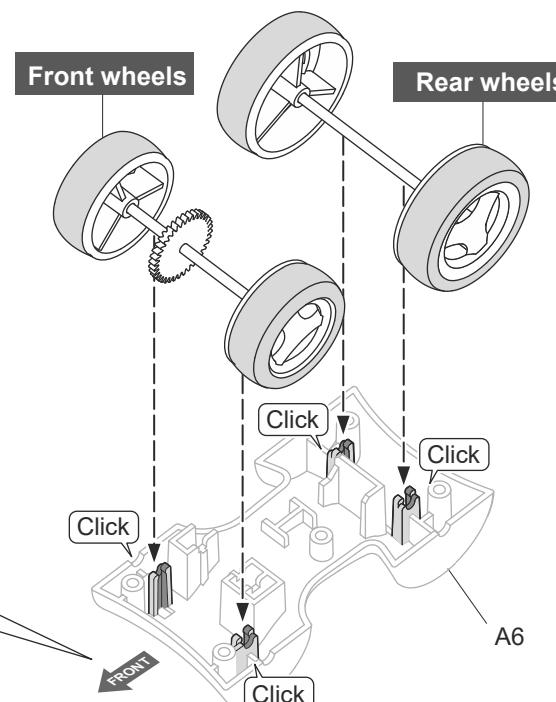
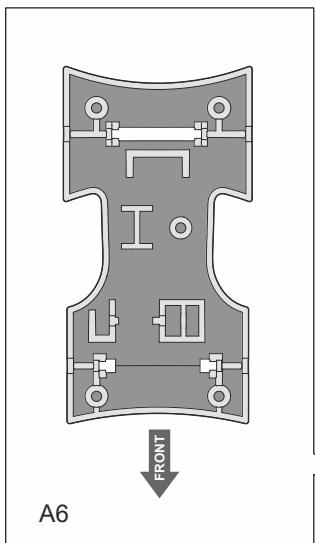


3

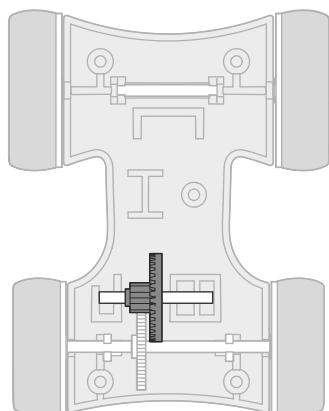
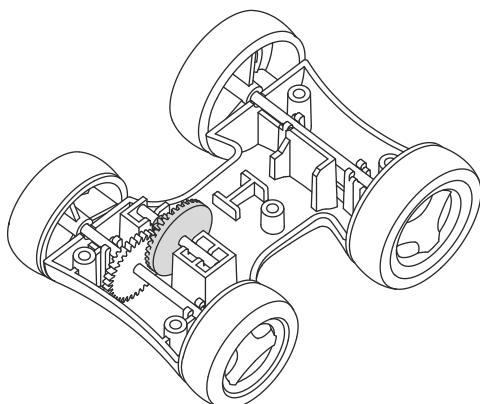
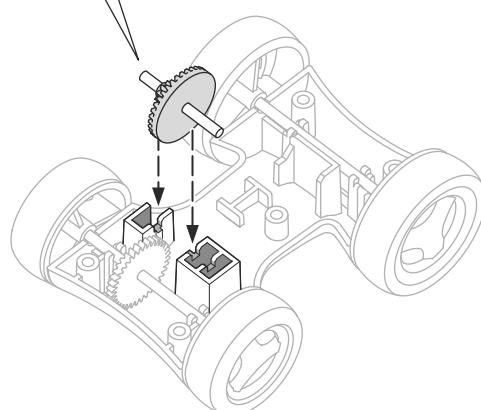
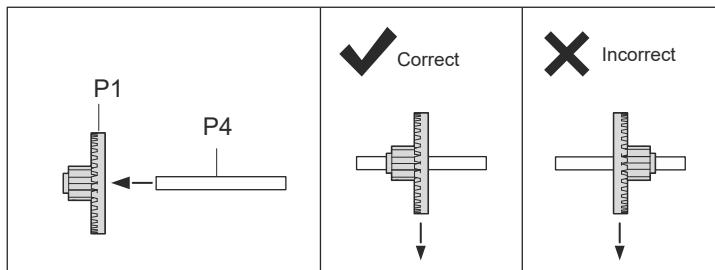


4**5**

6**Front wheel****x2****7****Rear wheel****x2**

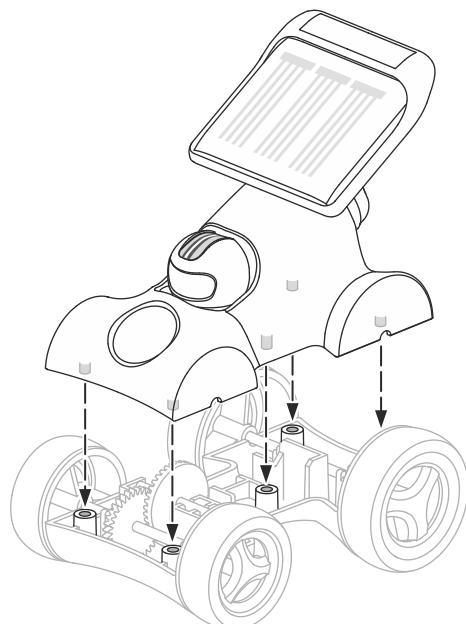


Top view

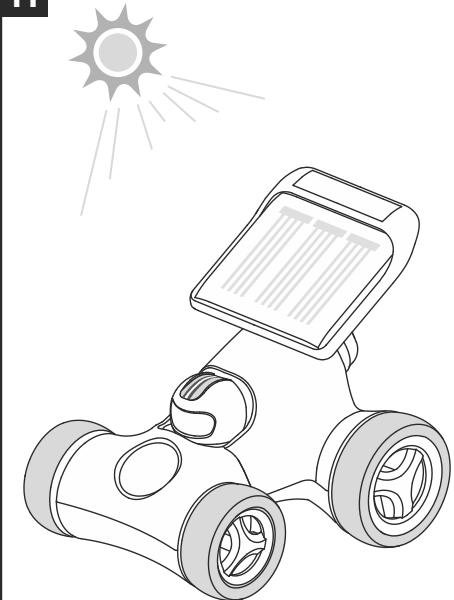


Top view

10

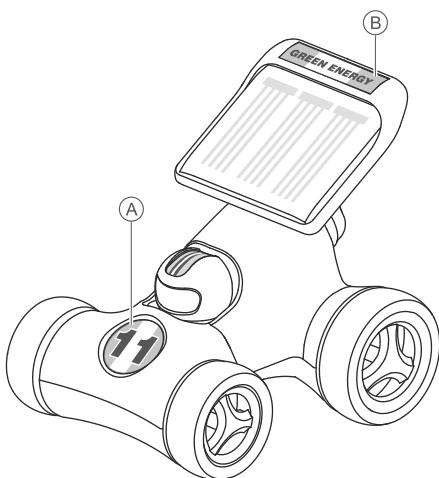
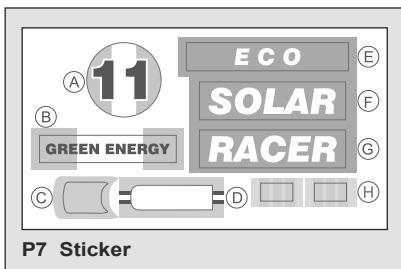


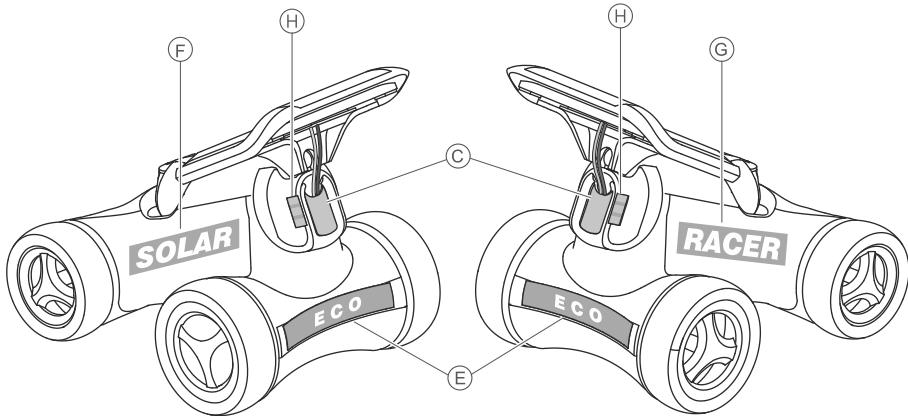
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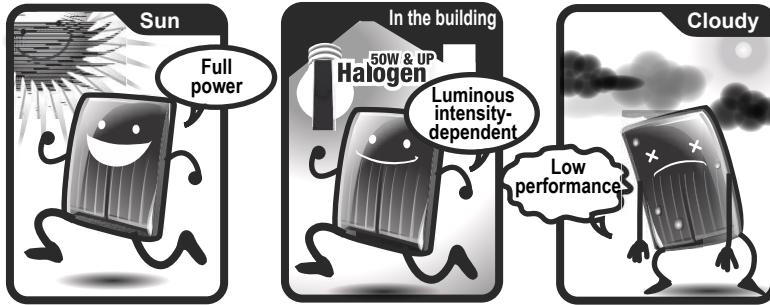
Ready to go!

Sticker





Time for fun!



1. The solar-powered speedster is best used outdoors in direct, cloudless sunlight.
2. Inside, a 50 watt halogen lamp gets the Solar-Flitzer going.
But be careful: halogen lamps can get very hot!

These light sources are not suitable for operating the vehicle:

- LED
- Fluorescent/neon tubes
- Energy-saving lamps



RACER

SOLAR Science Kit



ATTENTION!



- Risk of injury from sharp corners and edges!
- Keep the company address - Not suitable for children under 3 years!
- Small parts can be swallowed!

8+



MADE IN TAIWAN