Firmenanschrift aufbewahren - Nicht geeignet für Kinder unter 3 Jahren! - Verschluckbare Kleinteile! Keep the address of the company - Not suitable for children under 3 years! - Contains small parts! Veuillez conserver l'adresse - Ne convient pas pour les enfants de moins de trois ans! - Contient de petites pièces pouvant être absorbées! Adres bewaren - Niet geschikt voor kinderen beneden 3 jaar! - Kleine onderdelen Kunnen worden ingeslikt!

MADE IN EUROPE

8+

RoHS

Return the device to a certified provider at the end of its useful life!

No. 40440

4 037373 404407

Solar-Runner

Tip:
Apply adhesive sparingly!

You will also need: Thin screwdriver, possibly tweezers

Hier geht es zur Anleitung:

https://www.sol-expert-group.de/Solar-Produkte/Modelle-aus-Holz/Solar-Holz-Steckbausaetze/Solar-Runner-Holzbausatz::1298.html?language=de

Click here for the instructions:

https://www.sol-expert-group.de/Solar-products/Models-made-of-wood/Solar-wooden-building-kits/Solar-Runner-wooden-construction-kit::1298.html?language=en

QR Codes:

Cliquez ici pour les instructions:

https://www.sol-expert-group.de/Articles-solaires/Modeles-reduits-en-bois/Kits-dassemblage-solaires-en-bois/Solar-Runner-kit-de-construction-en-bois::1298.html?language=fr

Klik hier voor de instructies:

https://www.sol-expert-group.de/Producten-op-zonne-energie/Modellen-van-hout/In-elkaar-te-steken-houten-bouwsets-op-zonne-energie/Solar-Runner-houten-bouwpakket::1298.html?language=nl

List of parts **Check and sort components**

Number	Component	Value / Description
1	Set of wooden parts	20-piece
1	Aluminium axle	60 mm
1	Aluminium axle	65 mm
2	Screws	M1.6 x 4 mm
1	Motor	RF300
1	Adapter	3 to 4 mm
1	Adapter	2 to 4 mm
1	Solar cell	SM2100EC
1	Wood adhesive	Tube RAPID
2	Adhesive pads	Both sides
4	Rims with tyres	Smooth running

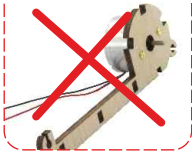
A Slide the motor into the wooden part from the correct side and then screw on with the 2 screws. It is important that the cable of the motor is routed out "downwards". To do this, simply rotate the motor in the wooden section until the screw holes are in the right place.

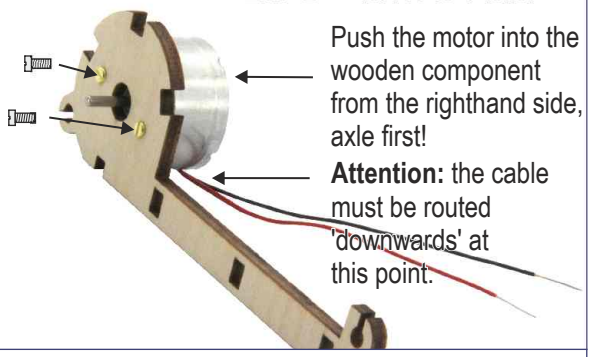
1 x Motor RF300

1 x

2 x M1.6 x 4 mm

Motor from the wrong side:





Push the motor into the wooden component from the righthand side, axle first!

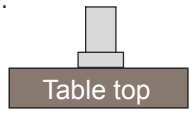
Attention: the cable must be routed 'downwards' at this point.

B A total of 2 plastic sleeves are included in the kit. You will need the sleeve with the smaller hole on the inside. Place the sleeve with the thicker end on the table and then carefully push the smaller gear wheel up as far as it will go.

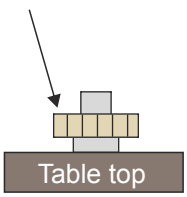
1 x

1 x

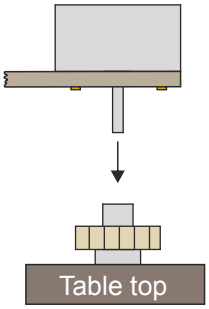
Placing the sleeve:

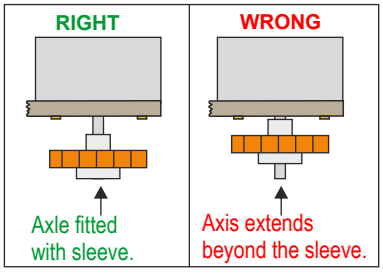


Slide on gear wheel:

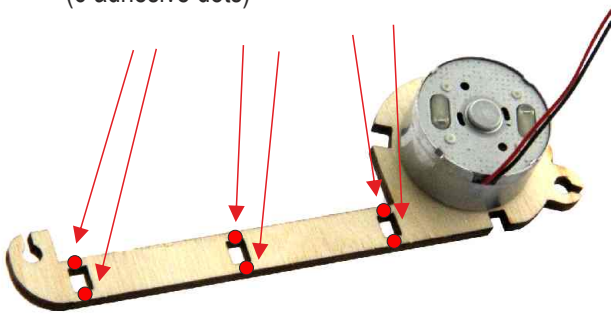


C Then push the motor unit, axle first, into the thinner end of the sleeve until the axle is at the end of the sleeve and stops at the table top. See illustration.



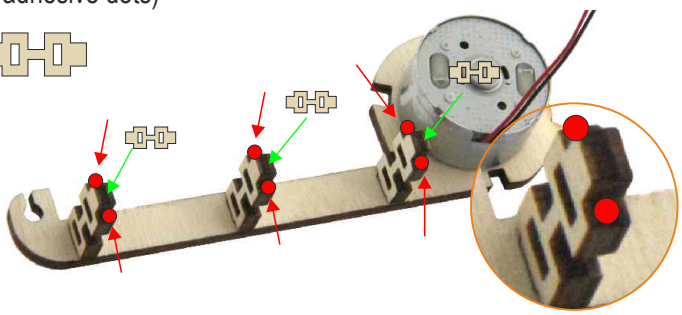


D Apply a thin layer of adhesive here: ● (6 adhesive dots)

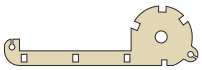


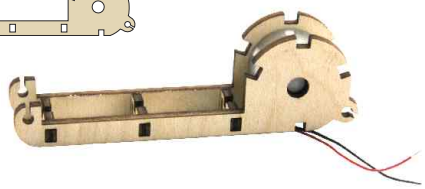
E Glue in the struts, apply a thin layer of adhesive again: ● (6 adhesive dots)

3 x 

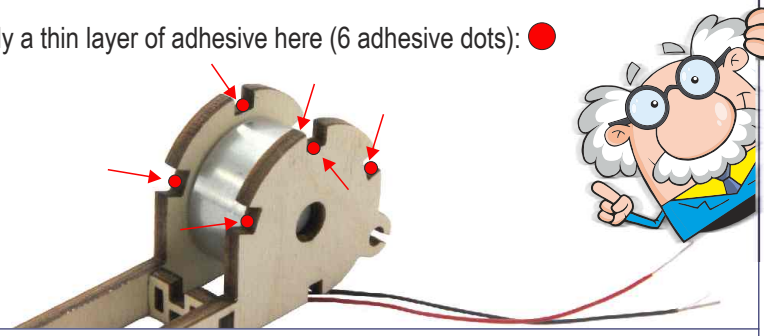


F ... and mount the side piece using a little pressure. Neatly align the individual struts.

1 x 

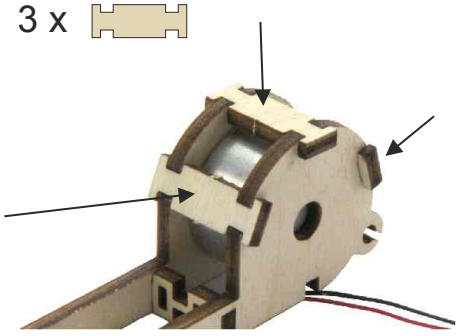


G Apply a thin layer of adhesive here (6 adhesive dots): ●

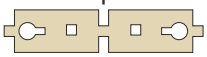


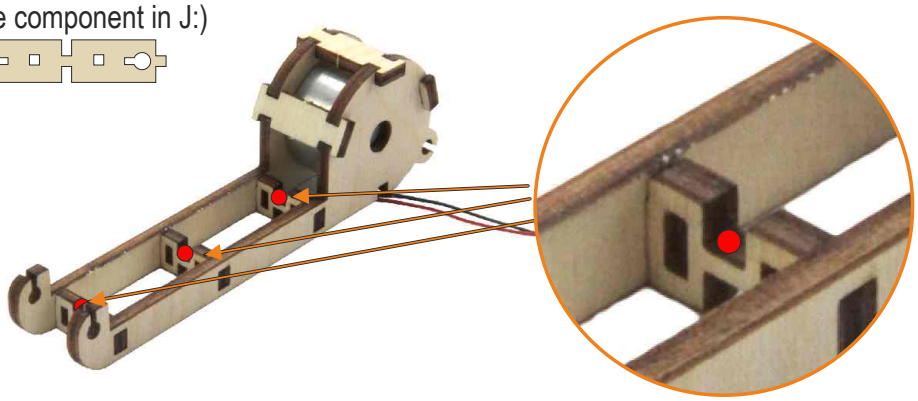
H Insert side panel fixings

3 x 



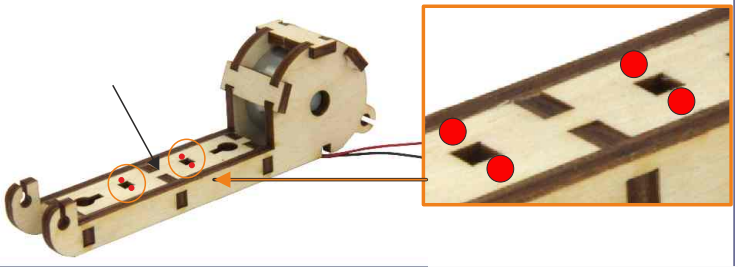
I Apply a thin layer of adhesive here (3 adhesive dots): ●

(For the component in J:) 



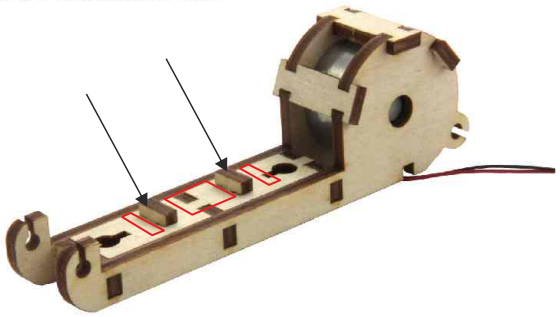
J Glue in the cover and apply 4 adhesive dots: ●

1 x 



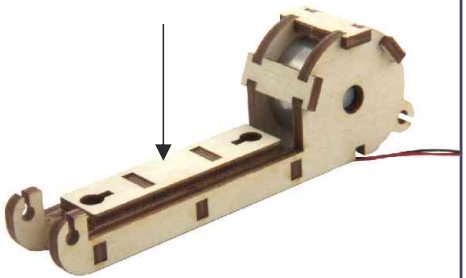
K Glue in the alignment guides and apply adhesive to the cover where indicated in red.

2 x 



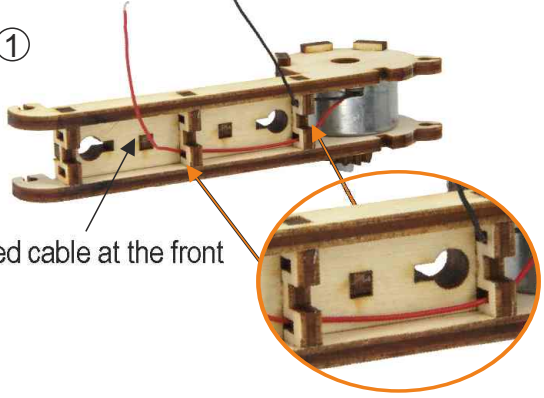
L Stick on solar cell holder

1 x 



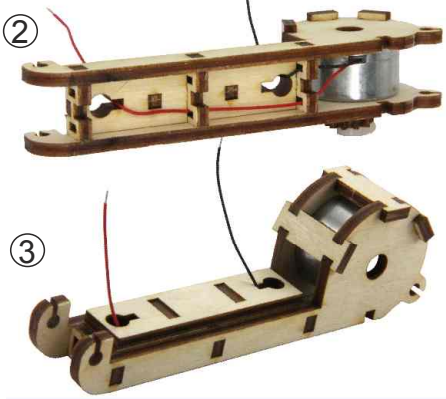
M Thread the motor cable through the struts and then through the holes. The red cable is at the front of the vehicle, the black one at the back.

①



Red cable at the front

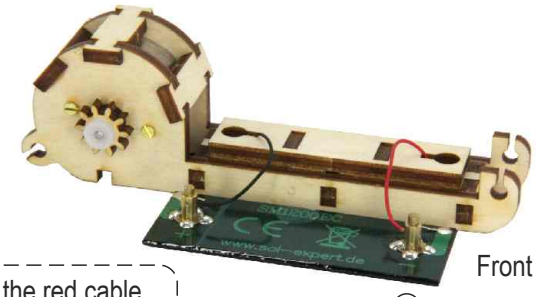
②



③

N Now connect the solar cell. Ensure that the negative pole (marked with "-") points to the front part of the Solar-Runner.
To connect the cable press on the clamp and push the cable into the resulting hole.
It is important to make sure that you only clamp the bare wires and not the insulation.
A little hint: If the hole is not visible when you press the clamp, simply turn the upper part of the clamp until you can see the hole - then insert the cable.

1 x



Front

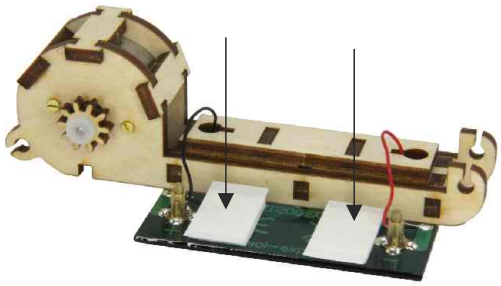
⊖ Negative pole

Thread the black cable from this side

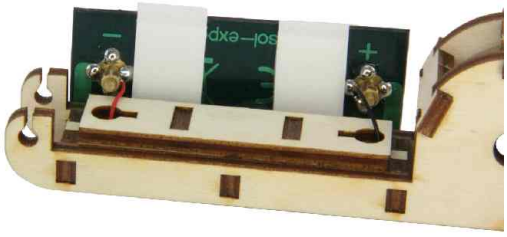
Thread the red cable from this side

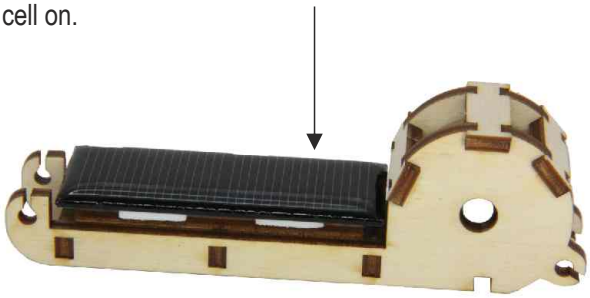
O Apply adhesive pads

2 x



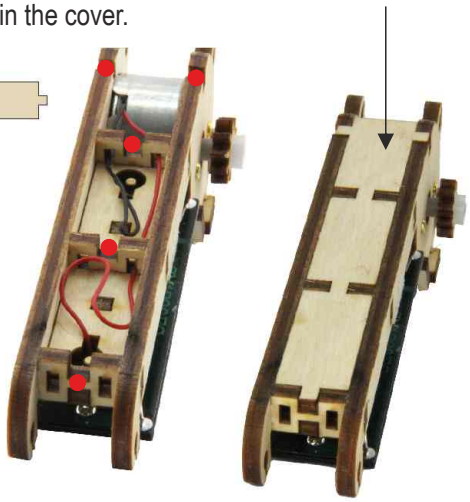
P Push the cable back into the clamp openings and glue the solar cell on.





Q Insert the red and black cables flat, apply 5 adhesive dots ● and glue in the cover.

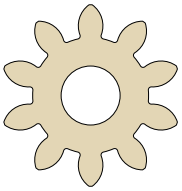
1 x



R Place a sleeve with the thicker end on the table and then slide on the gear wheel as far as it will go

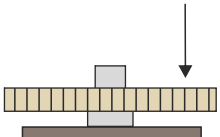
1 x

1 x



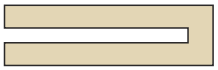
Placing the sleeve:

Slide on the gear wheel:

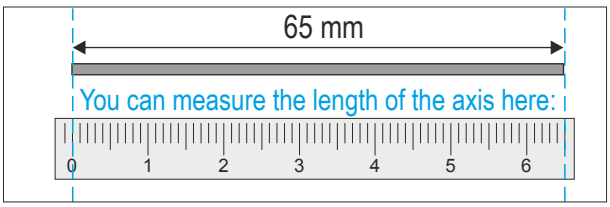


S Push the longer aluminium axle (65 mm) into the sleeve and the gear wheel, making sure the correct distance between the thicker end of the sleeve and the end of the axle is maintained. Use the distance gauge to adjust the position exactly.

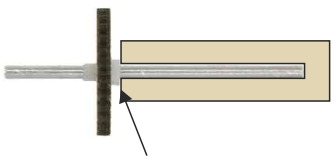
1x



1x



With the distance gauge you can adjust the position precisely.



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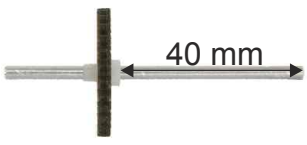
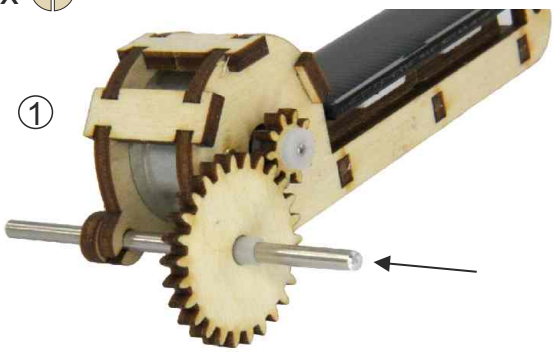


Thicker end of the sleeve

T Push the driving axle into the wheel suspension ① then mount the lock washer from the other side ②

1 x

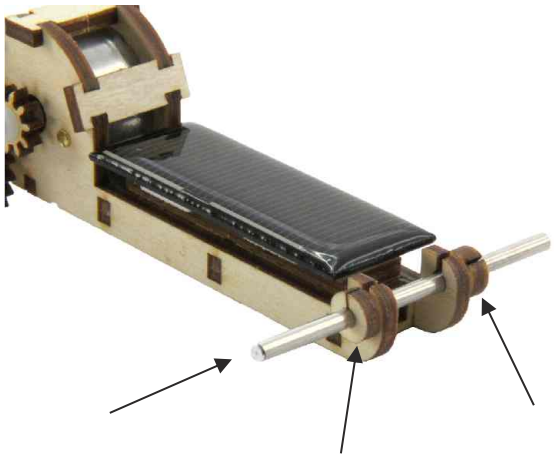


IMPORTANT:
The lock washer must not be pushed on too far, otherwise the axle will become blocked.
The axle should still have a little room and be able to rotate easily.

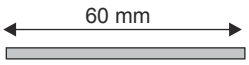
1 x

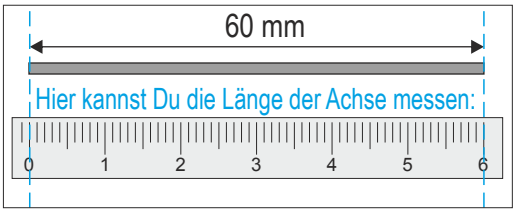
U Slide the remaining axle into the wheel suspension and fit it with 2 lock washers. The axle must still be able to rotate easily so do not push too far together.

2 x

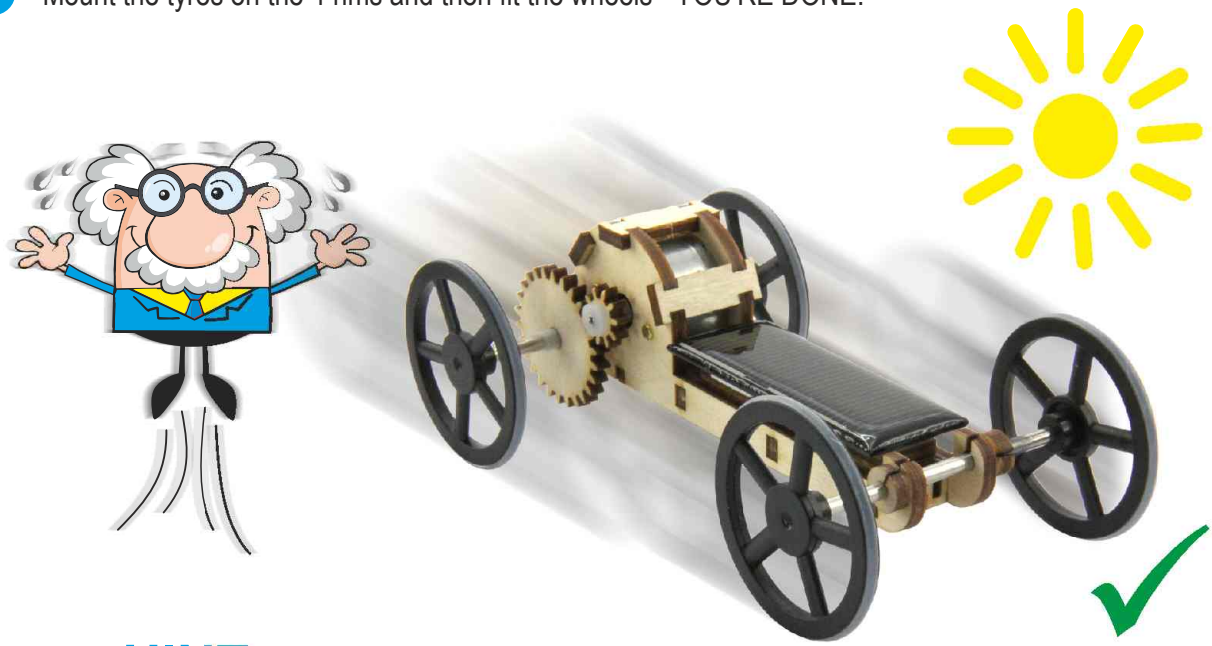


1 x





V Mount the tyres on the 4 rims and then fit the wheels - YOU'RE DONE!



HINT:

The Solar-Runner is best to drive in **direct sunlight**. We therefore recommend that you test the Solar-Runner outside in good weather. If the Solar-Runner is not able to get into gear despite sunlight, check that the front and rear axles rotate freely. Now have fun and enjoy the ride!