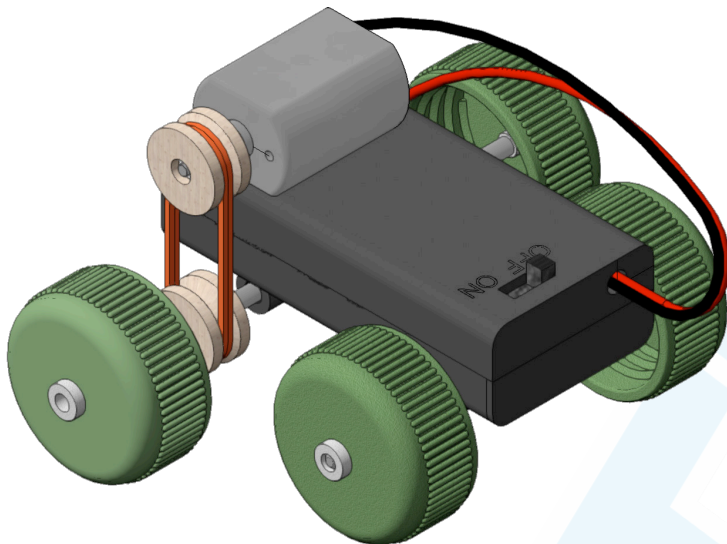
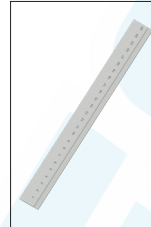


125,553

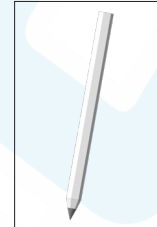
Recycling Bottle Cap Car



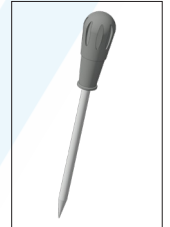
Required tools:



ruler



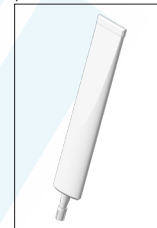
pencil



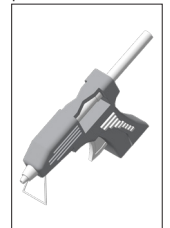
pricker



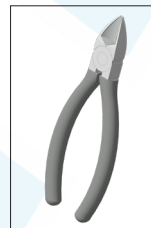
Soldering iron (optional)



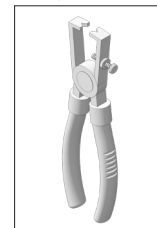
superglue



hot glue gun



side cutter



Insulated Wire Strippers

Please Note:

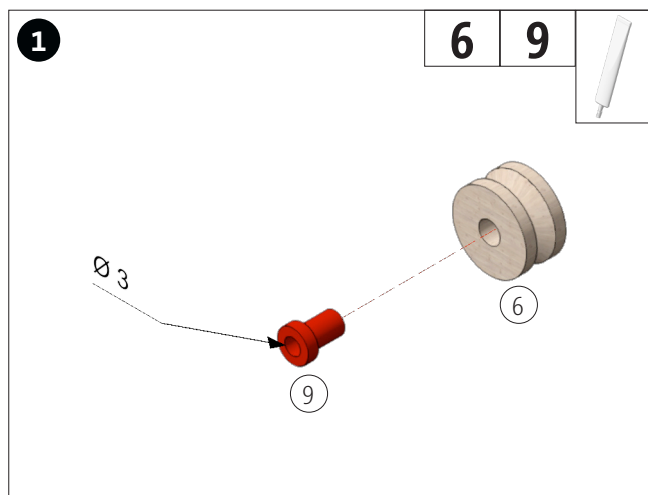
After completion, the OPITEC factory packs are not toys that are generally commercially available, but teaching and learning materials to support educational work. This kit may only be built and operated by children and young people under the guidance and supervision of knowledgeable adults. Not suitable for children under 36 months. Danger of suffocation!

Additional material:

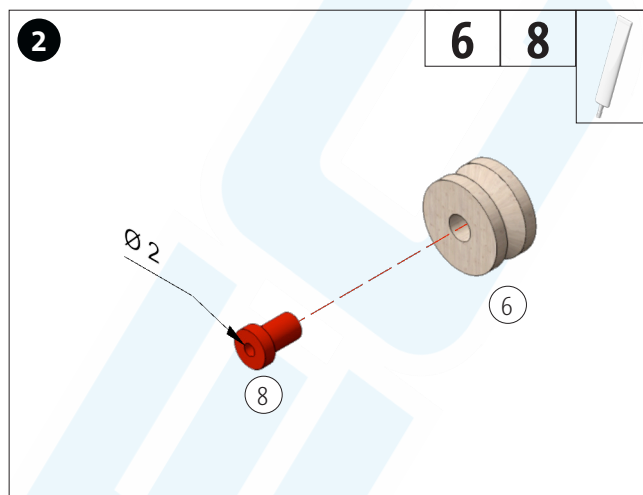
4x bottle caps (same size), part no. 10

2x battery AA (Mignon), part no. 11

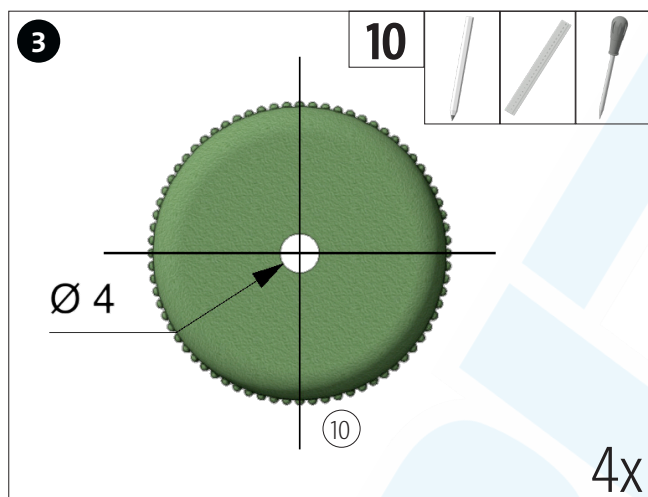
parts list	number of pieces	Dimensions (mm)	Description	Part no.
Battery holder 2x AA	1	approx. 68x32x19		1
engine	1	approx. 38x15x20	drive	2
metal shaft	1	Ø3x70	front axle	3
metal shaft	1	Ø3x95	rear axle	4
rubber ring	1	Ø40x1		5
cord impeller	2	Ø15 x Ø4 x 7		6
distance rolls	2	Ø7 x Ø3.2 x 25	axle bearing	7
Reducer Ø4mm x Ø2mm	1	Ø7 x Ø4 x Ø2 x 8		8
Reducer Ø4mm x Ø3mm	5	Ø7 x Ø4 x Ø3 x 8		9



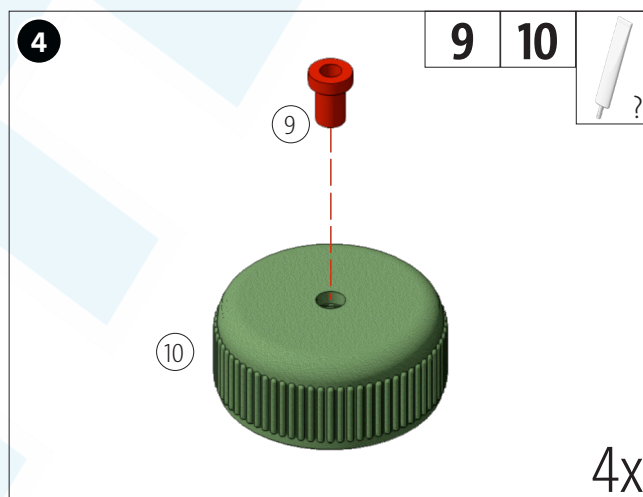
Glue reducer (9, $\varnothing 3$ mm) into a cord wheel (6)



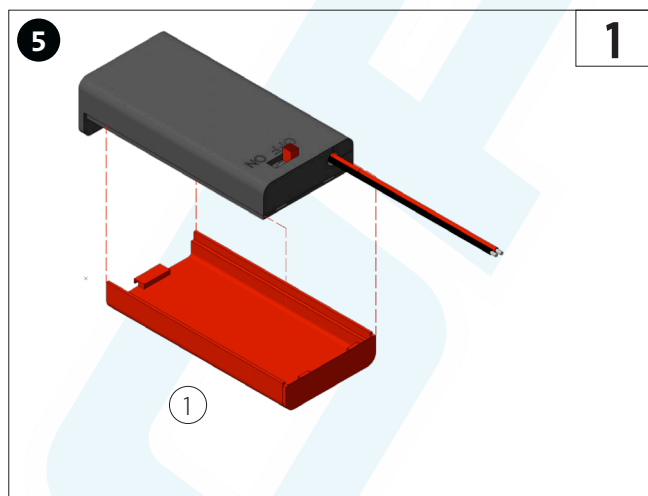
Glue reducer (8, $\varnothing 2$ mm) into a cord wheel (6)



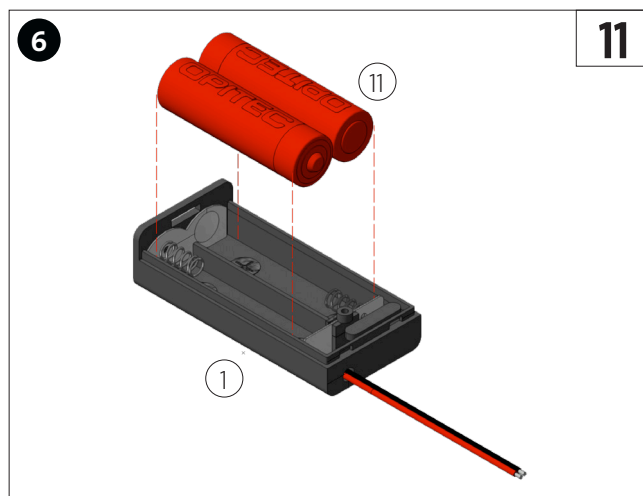
Clean the bottle cap and poke a hole in the middle with a diameter of about 4mm.



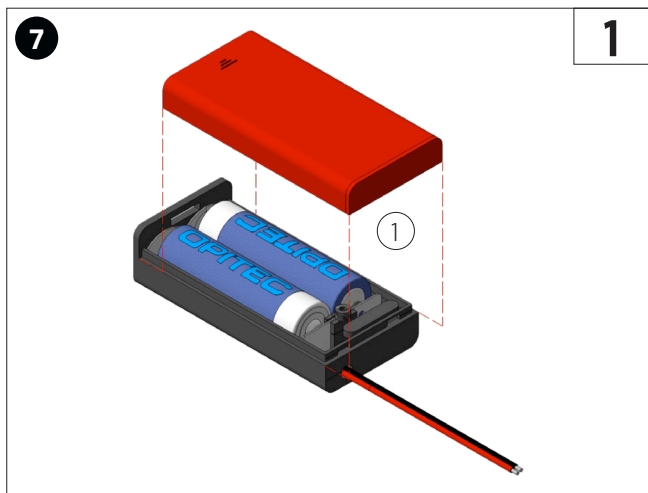
Insert the reducer (9) through the hole and glue it if necessary



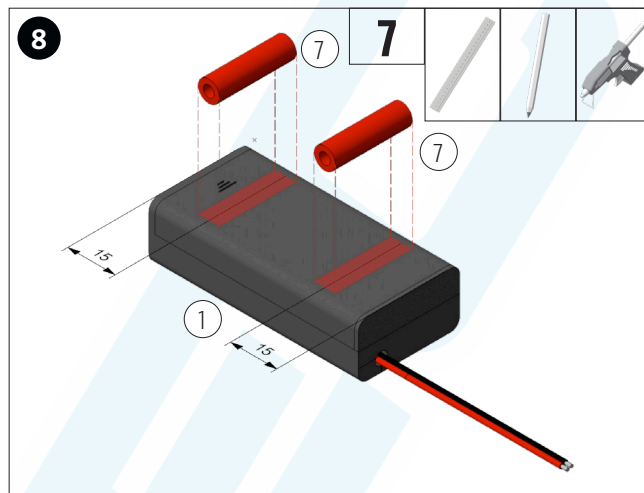
Open the battery holder and set the switch to the "OFF" position!



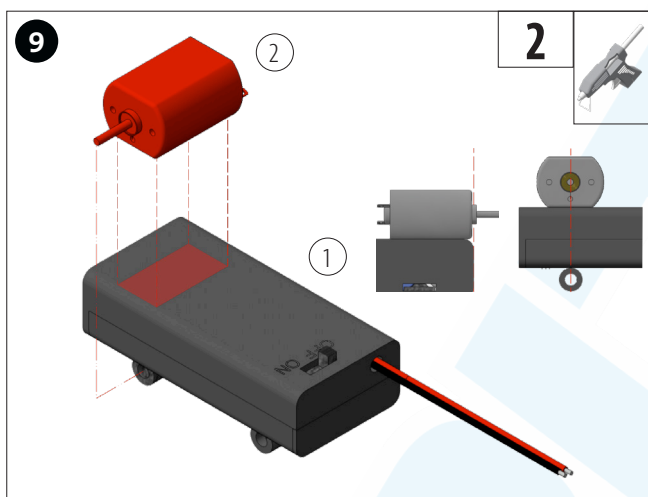
Insert batteries, paying attention to the polarity.



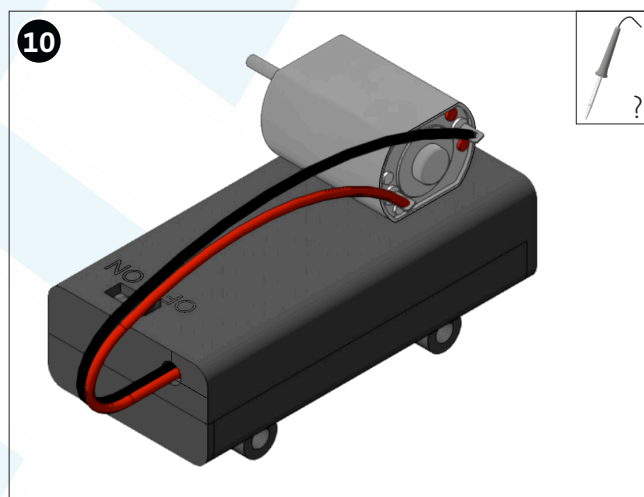
Replace the battery cover and close it.



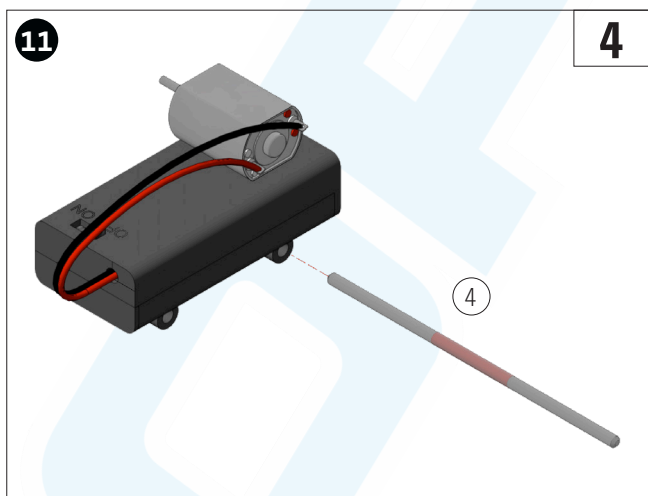
Glue the spacer roller (7) to the center of the position shown. Do not cover the screw!



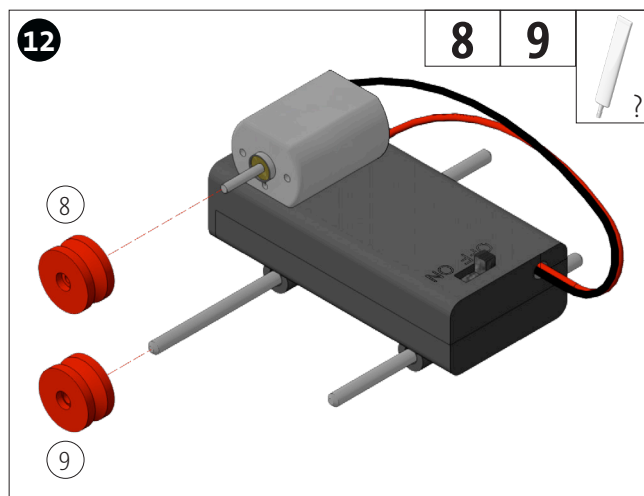
Fasten the motor (2) with the axle centrally above the rear axle bearing.



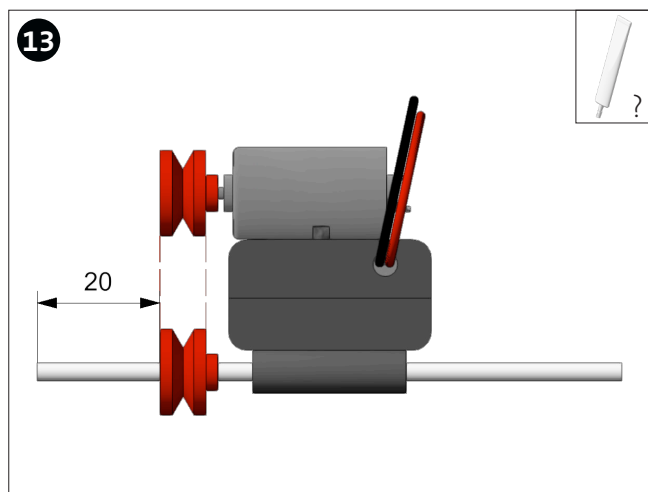
Twist the cable with the motor flags, optionally solder. For "forward" direction of travel, connect the black cable with the flag marked in red.



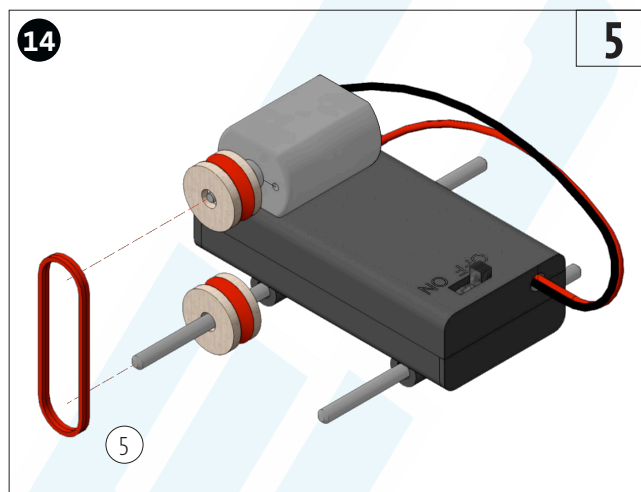
Insert metal axle 3x95mm (4) through the rear axle bearing and center it



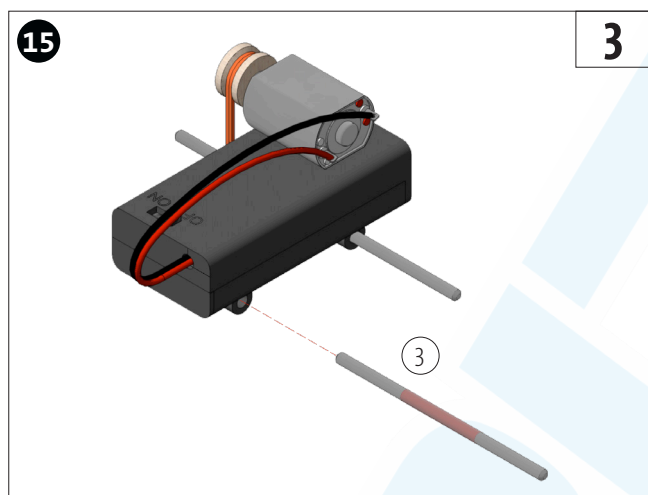
Place the prepared cord wheels (8) + (9) onto the appropriate axle and glue if necessary. See next picture for position.



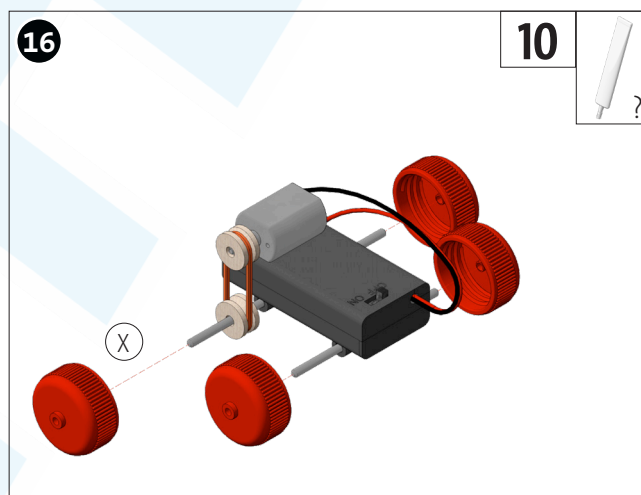
Position of the wheels



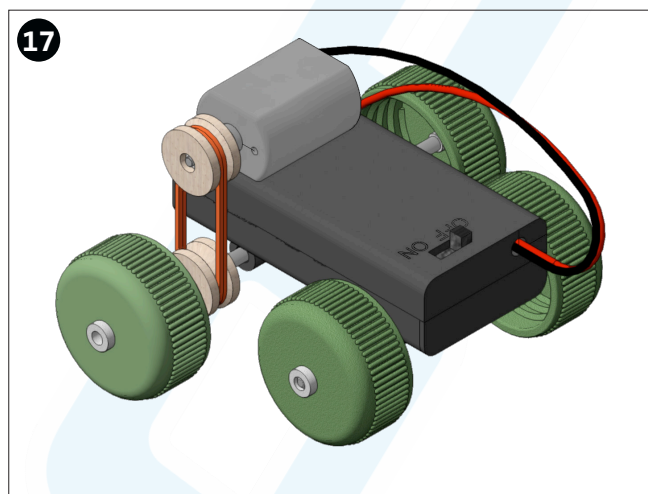
Fold the rubber ring (5) in half and insert it into the running surface.



Insert metal axle 3x70mm (3) through the front axle bearing and center it



Put the 4 prepared wheels on the axles, if necessary glue.



Finished!