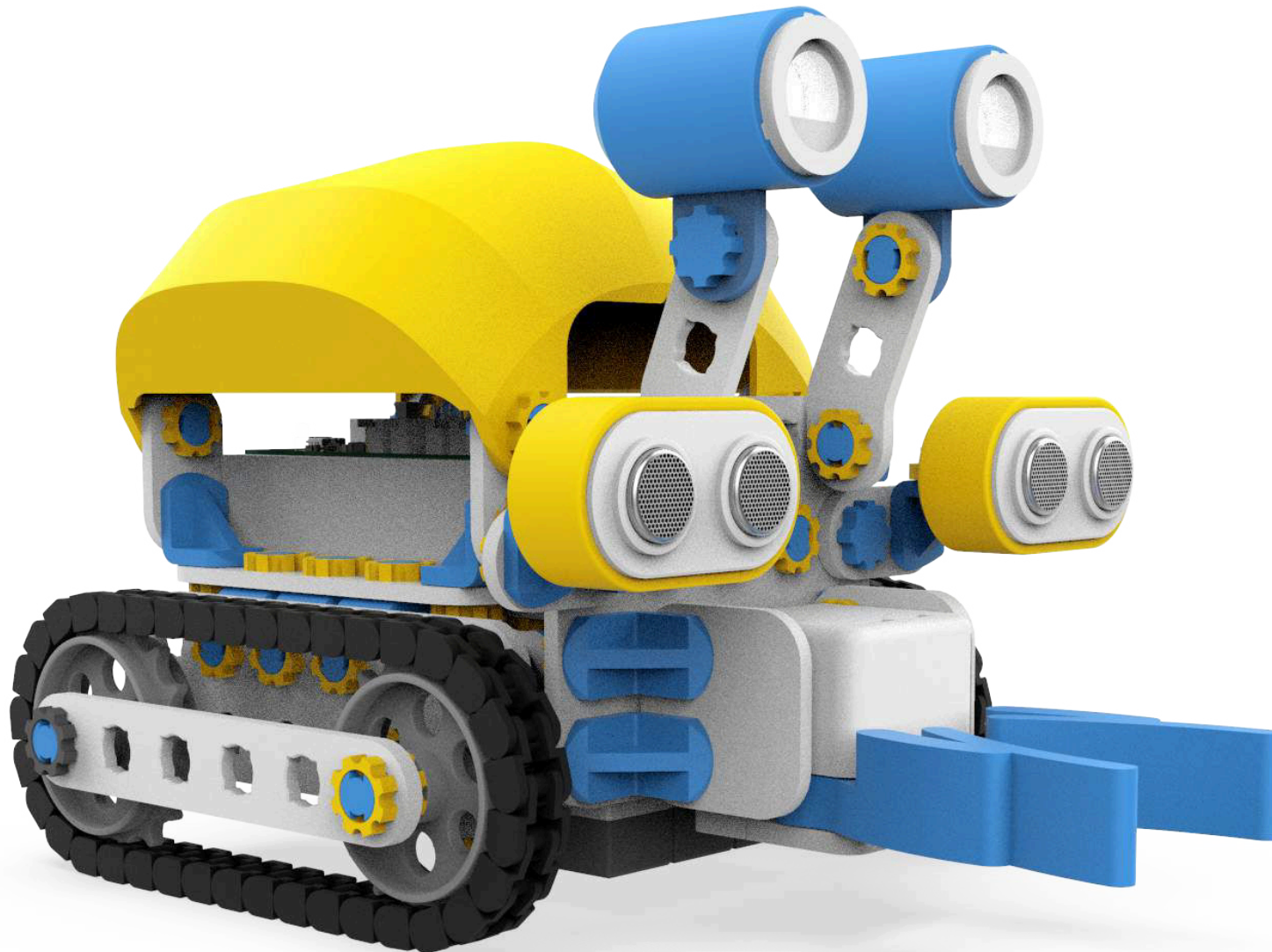


SKRIBOT


ASSEMBLY MANUAL

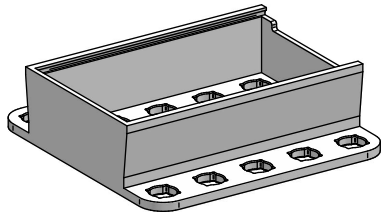


HELLO, I'M SKRIBOT

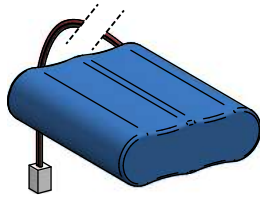


Partslist

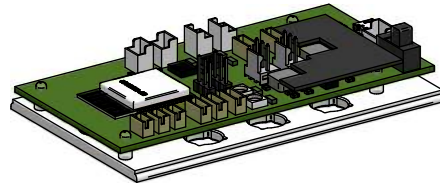
Before assembling your Skribot, make sure you have all of the parts ready 



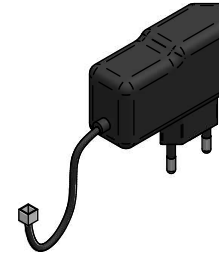
1x Battery pack



1x Battery



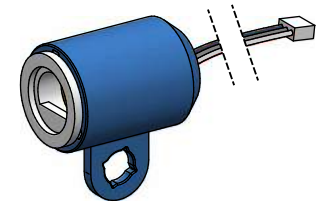
1x Skibrain



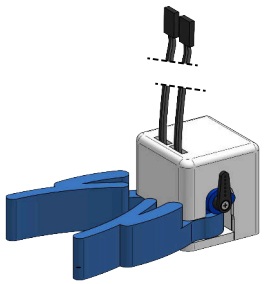
1x Charger



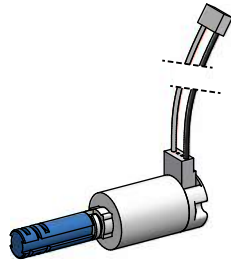
2x Distance sensor



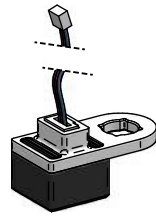
2x LED eye



1x Gripper



2x Motor



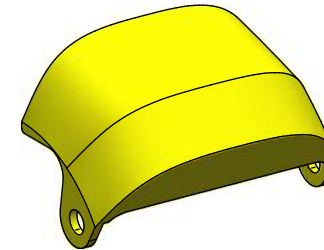
3x Contrast sensor



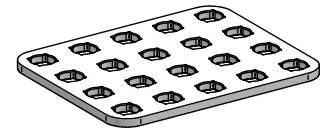
2x Drive wheel



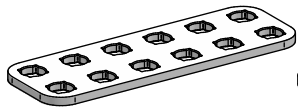
2x Passive wheel



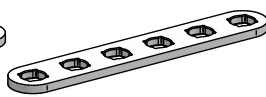
2x Shell



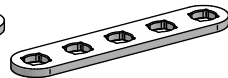
1x 4x5 Plate



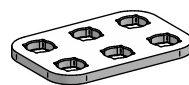
2x 2x6 Plate



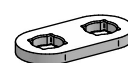
2x 1x6 Plate



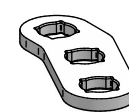
1x 1x5 Plate



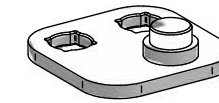
1x 2x3 Plate



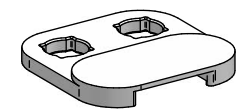
6x 1x2 Plate



2x 1x3 Curved Plate



1x Gripper bracket A



1x Gripper bracket B



2x L10 Bolt



10x L3 Rigid Bolt



4x L3 Rotating Bolt



23x Bracket



75x Nut



2x Drive wheel Nut



75x Track



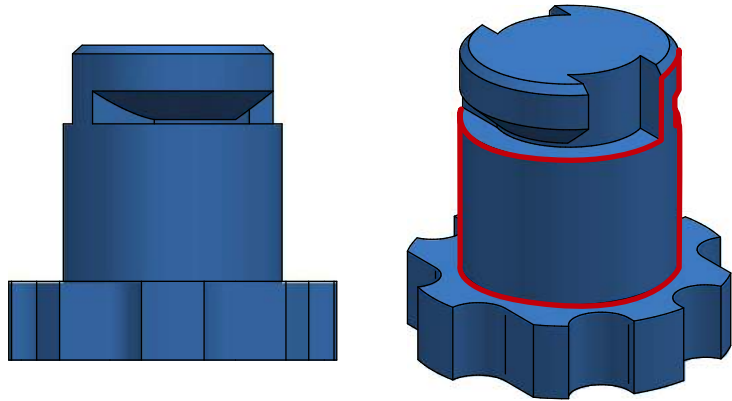
4x Spacer



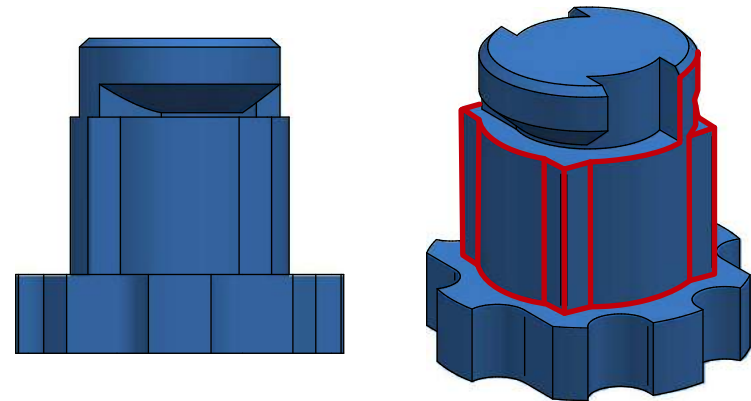
1x Wrench



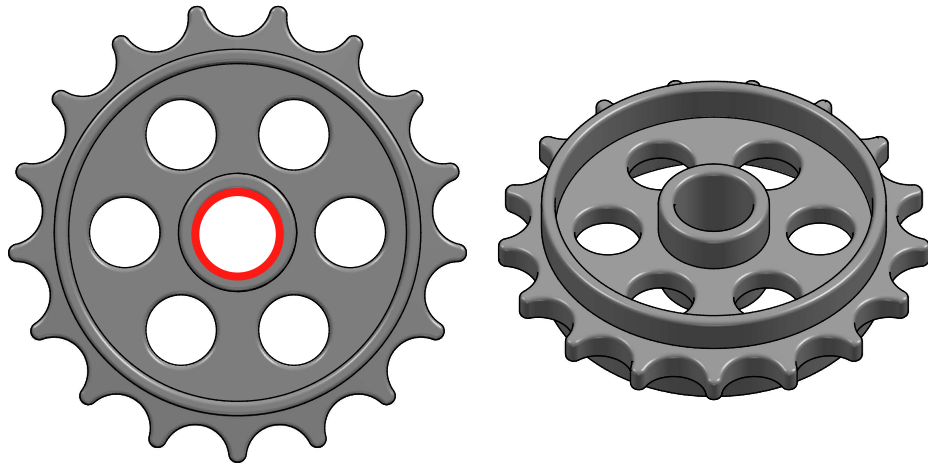
1x Socket wrench



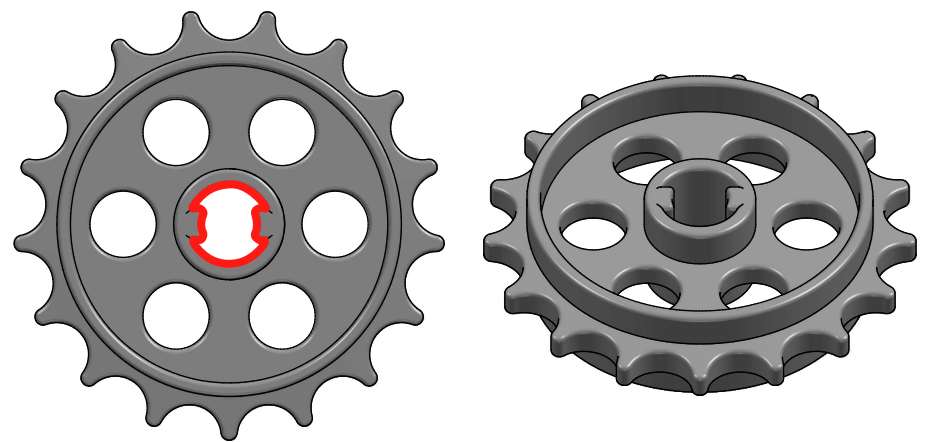
4x L3 Rotating Bolt



10x L3 Rigid Bolt



2x Passive wheel

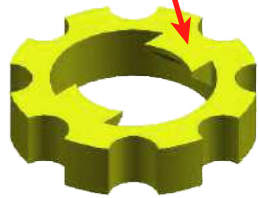


2x Drive wheel

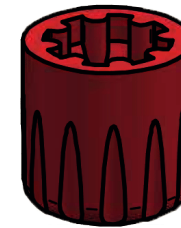
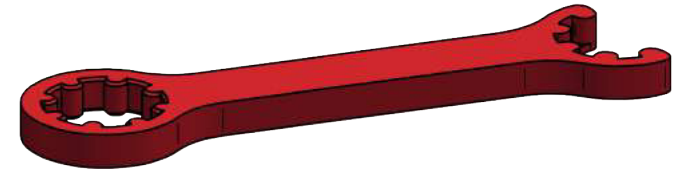
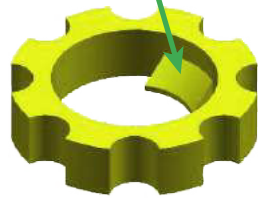


Make sure the nuts are oriented the correct way

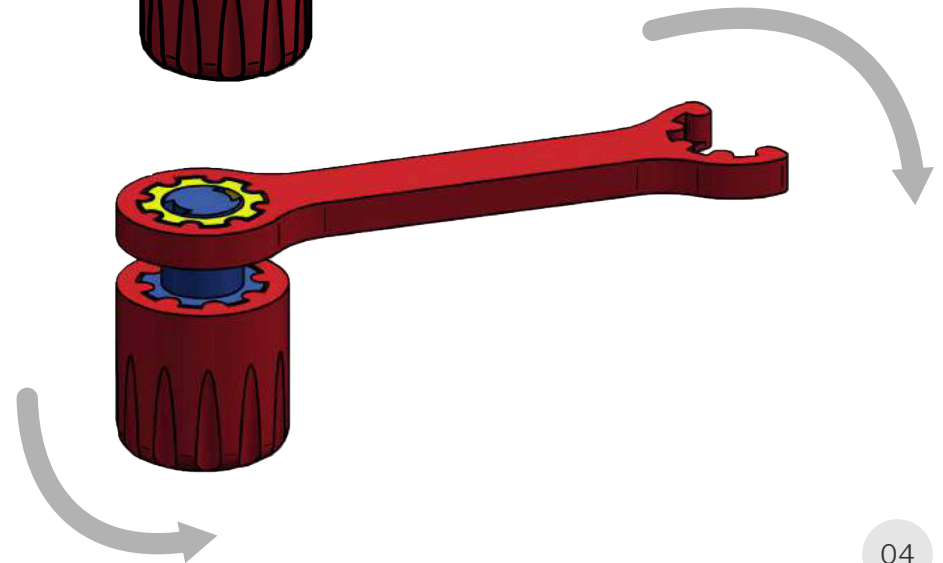
Wrong



Correct

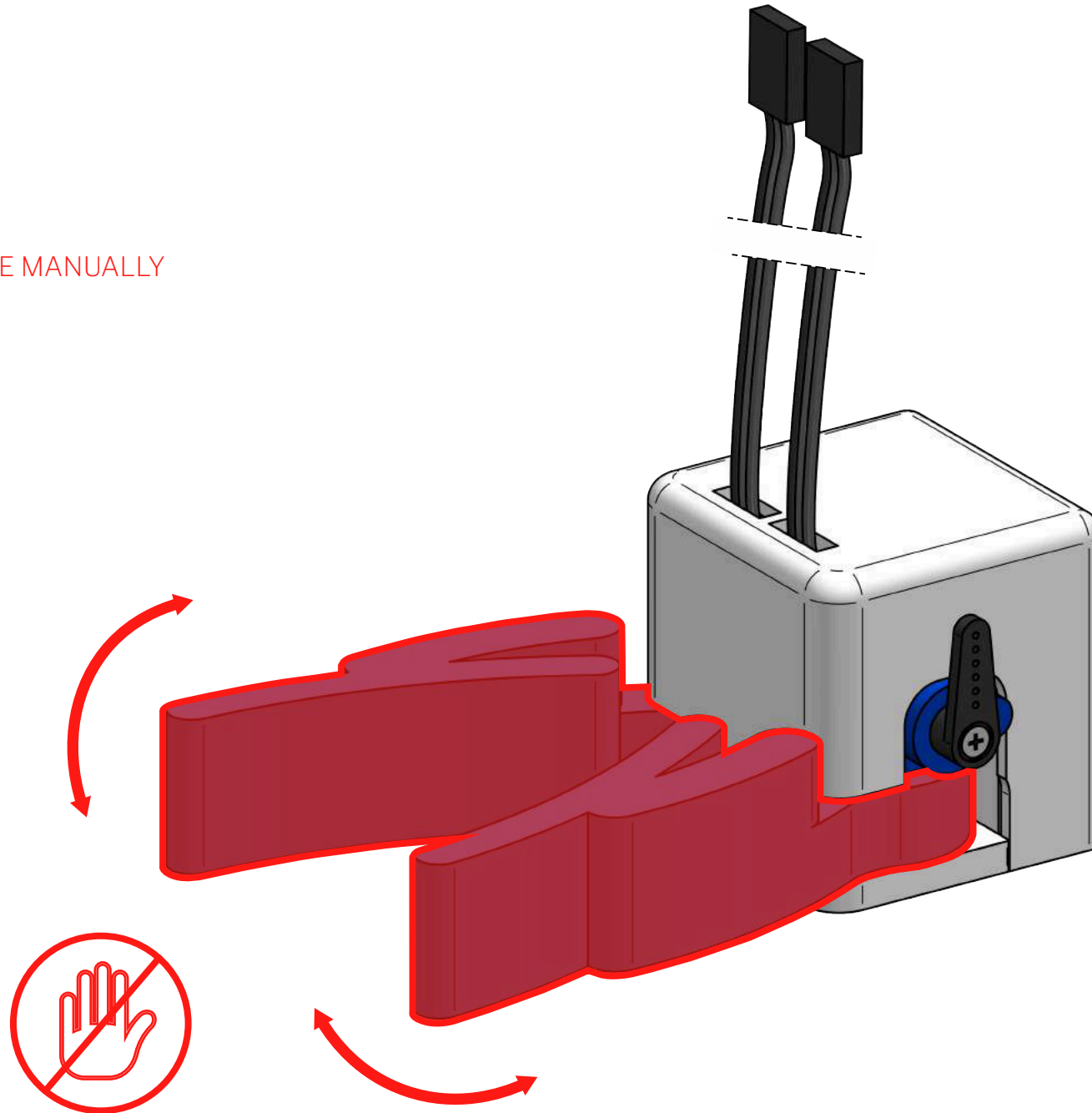


How to use the tools



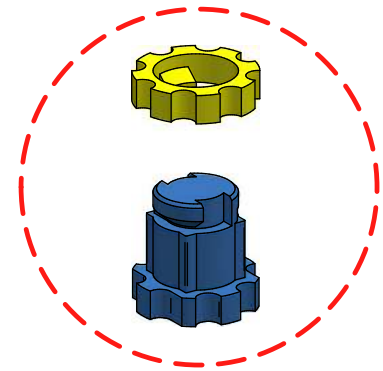
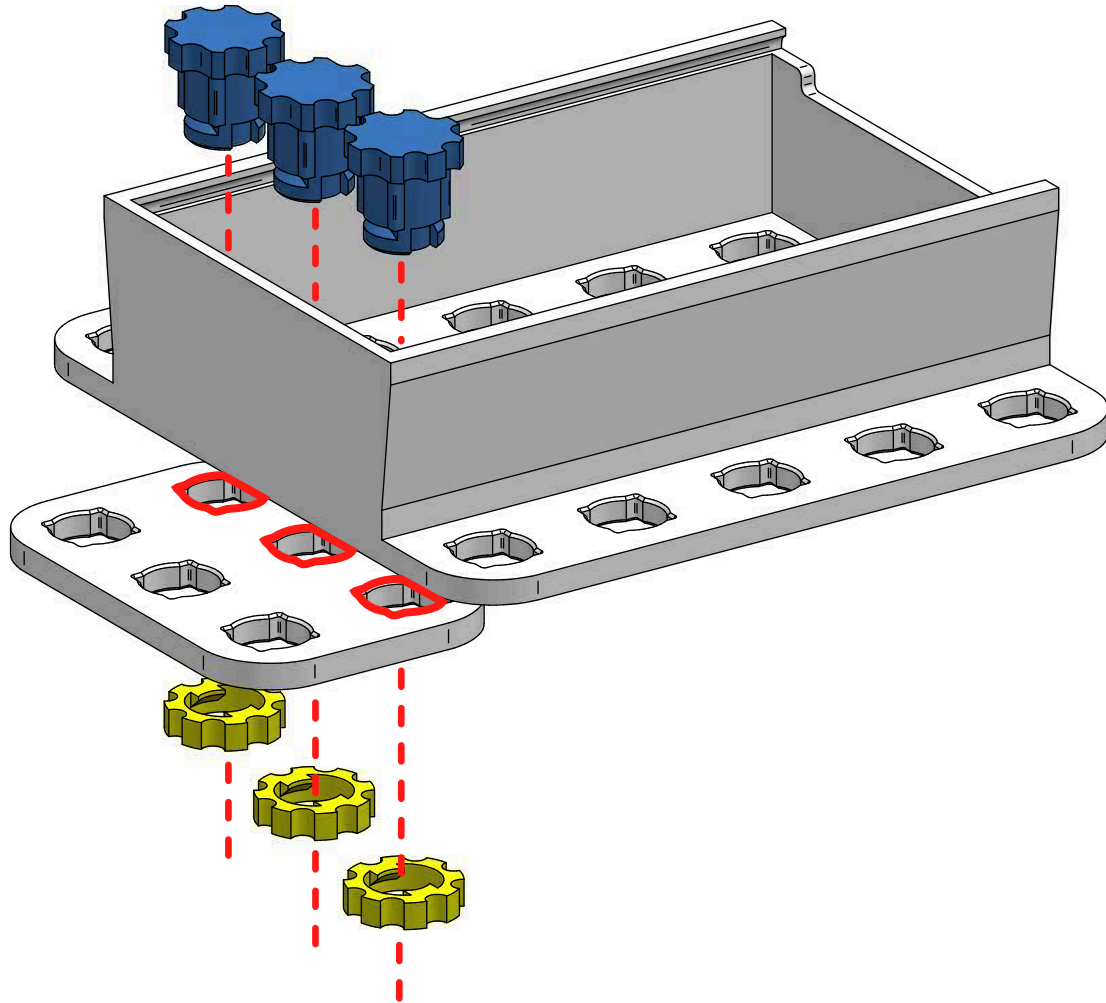
CAUTION!

DO NOT OPEN OR CLOSE MANUALLY



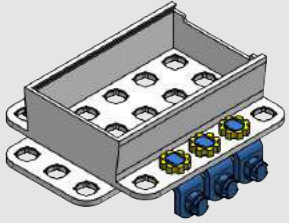
1

1x 1x 3x 3x
L3 Rigid Bolt

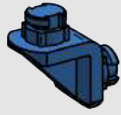


Mind the correct orientation of the yellow nut while screwing

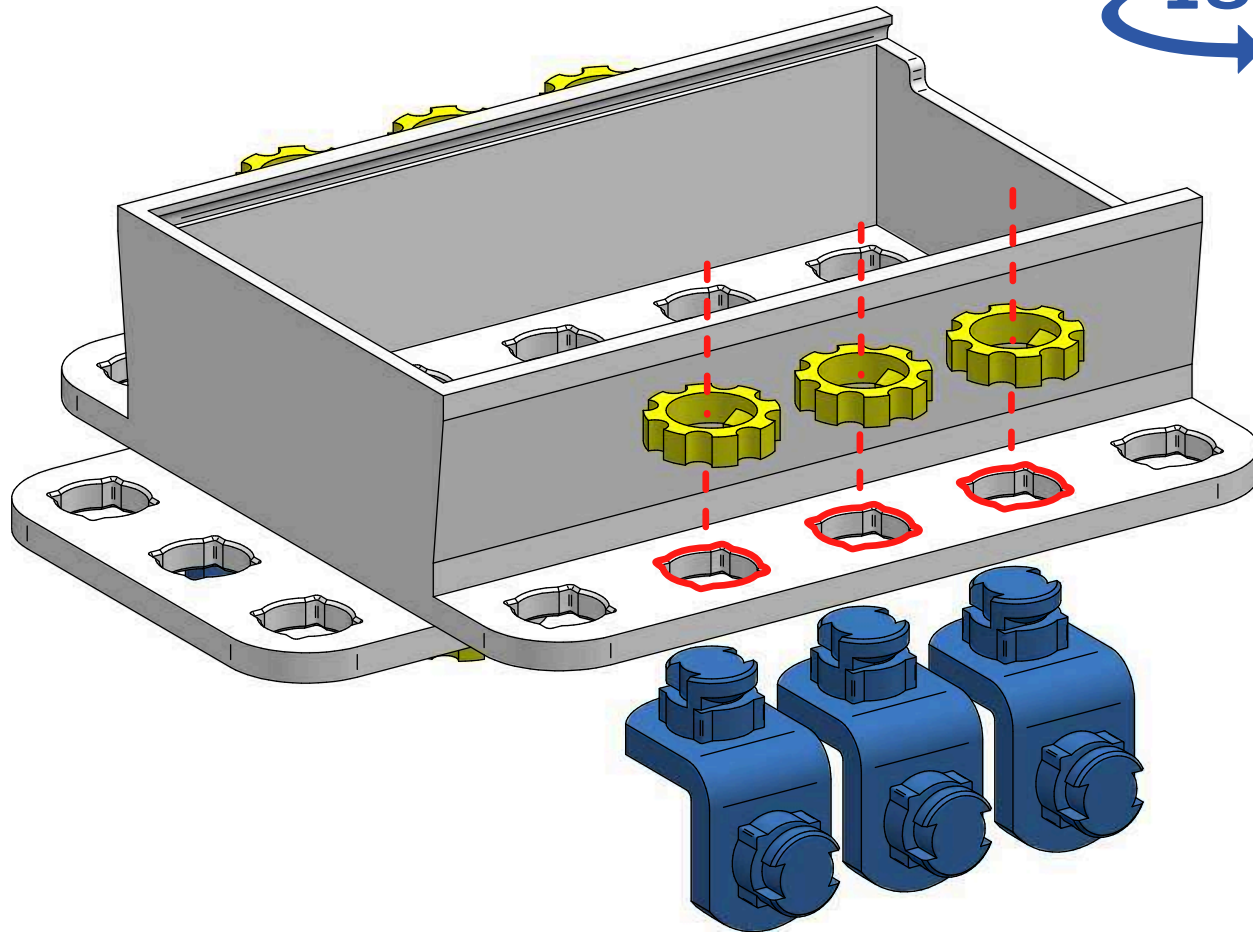
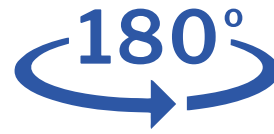
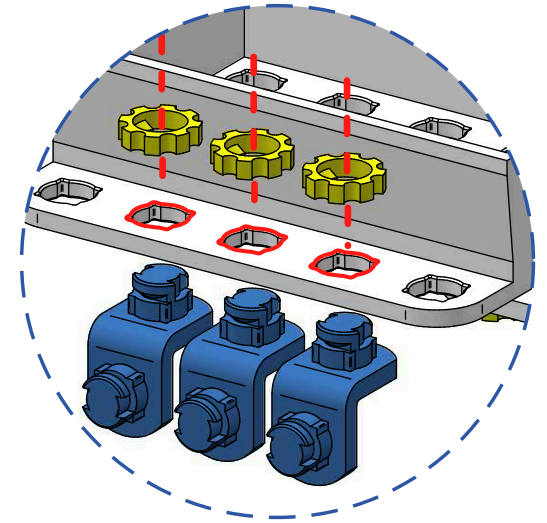
2

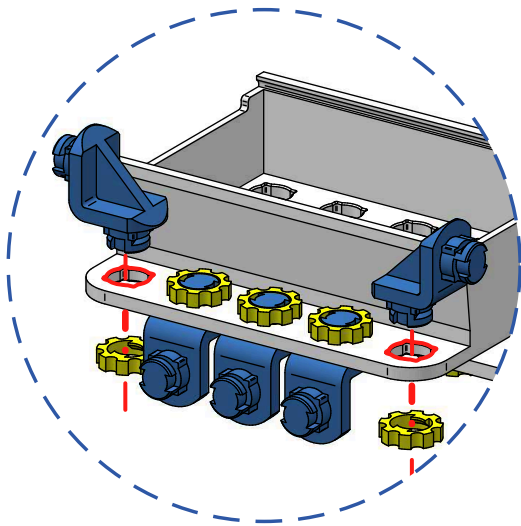


6x

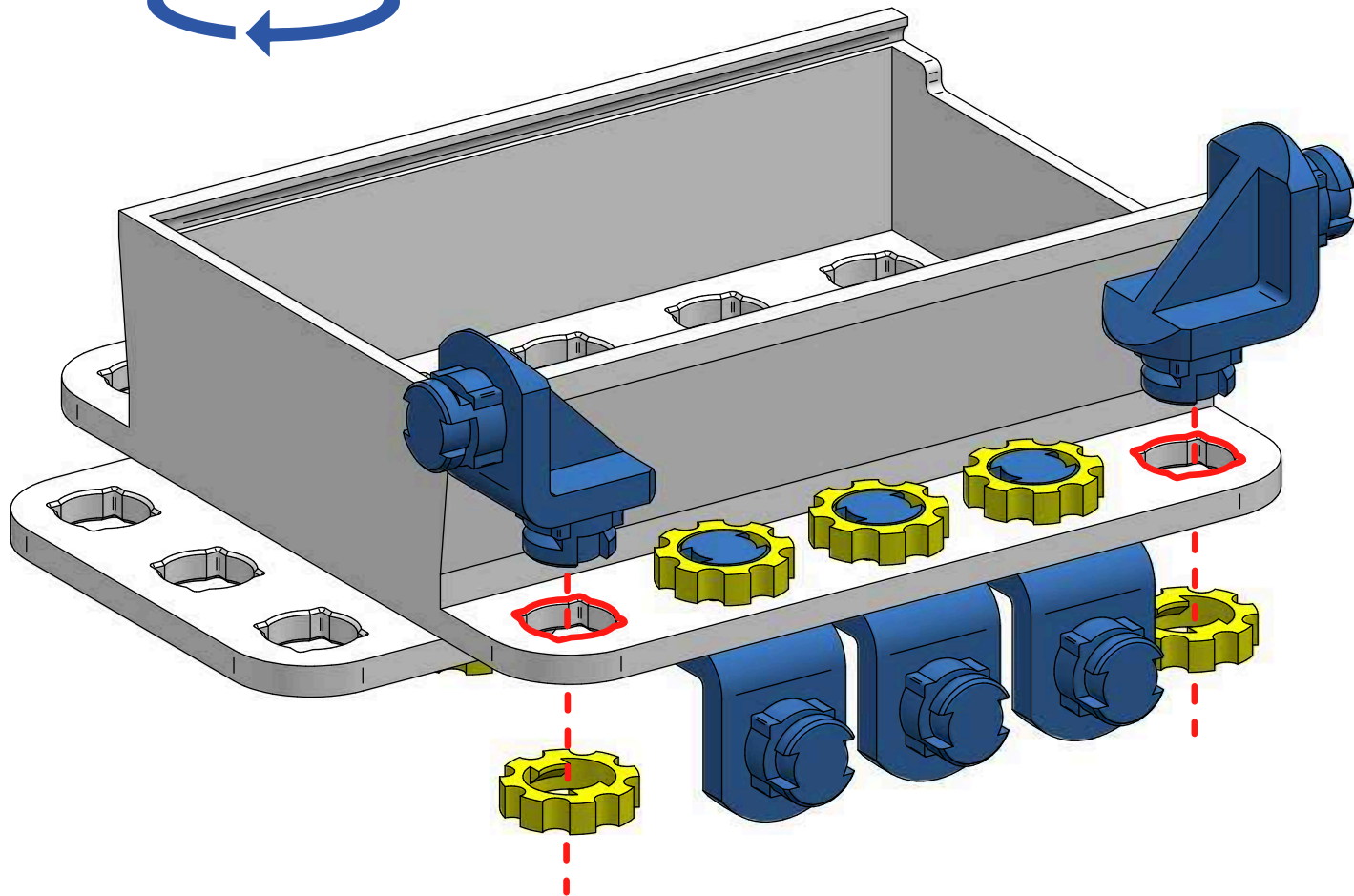


6x

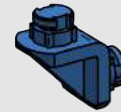




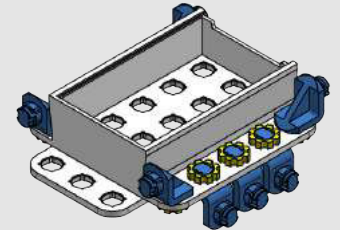
180°



4x

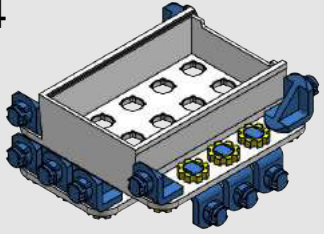


4x

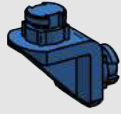


3

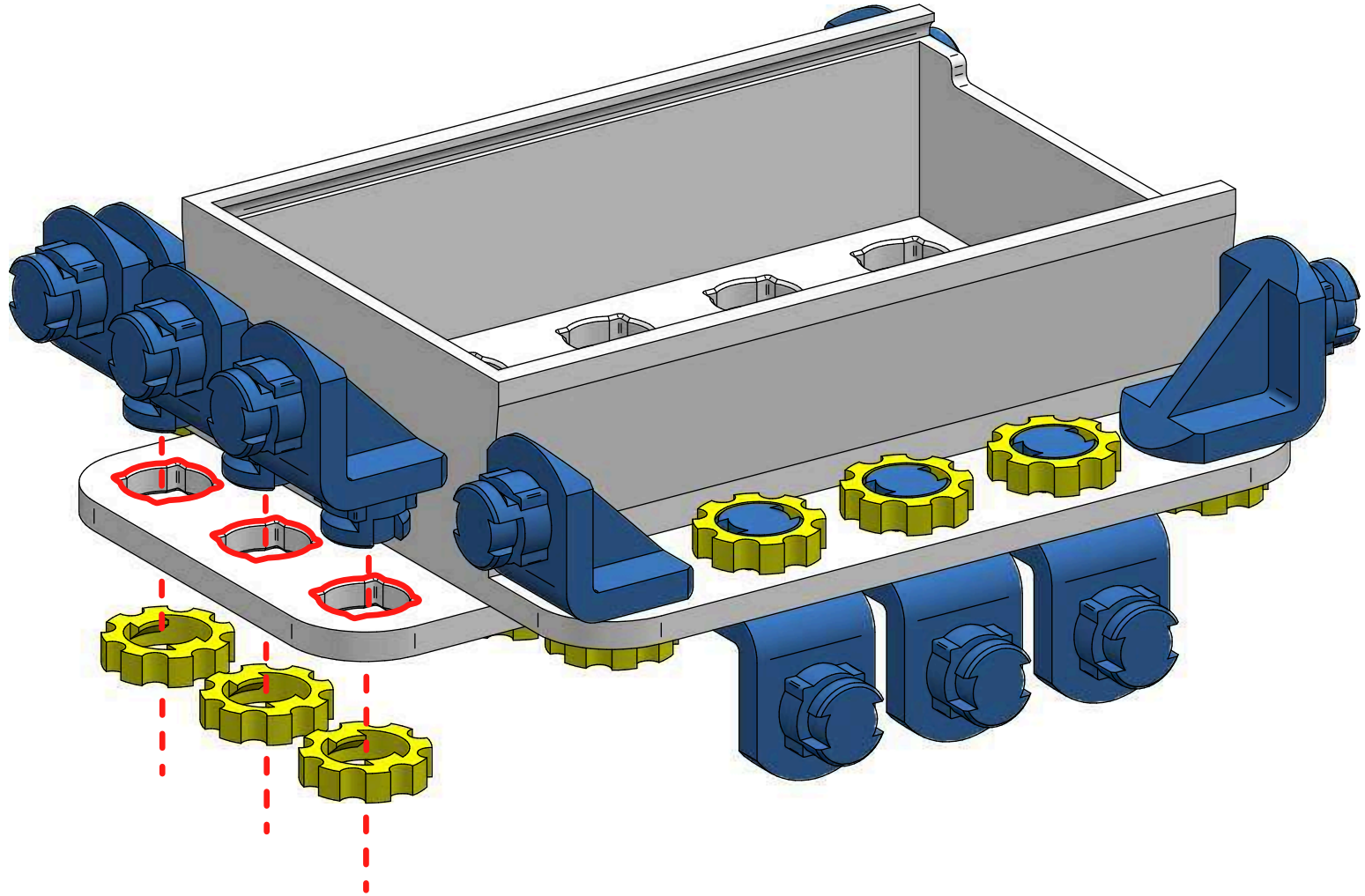
4



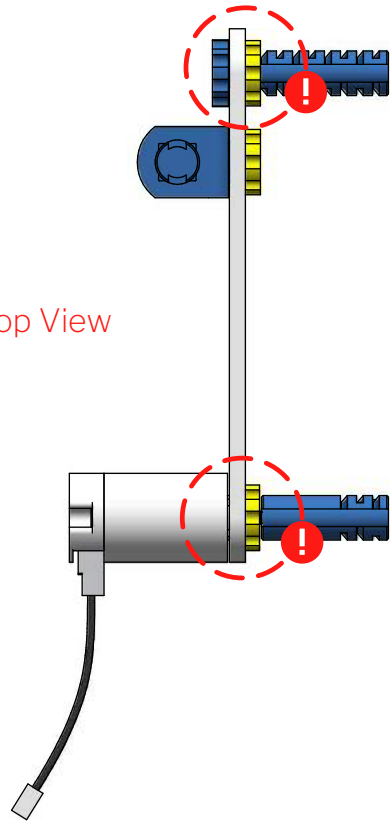
3x



3x

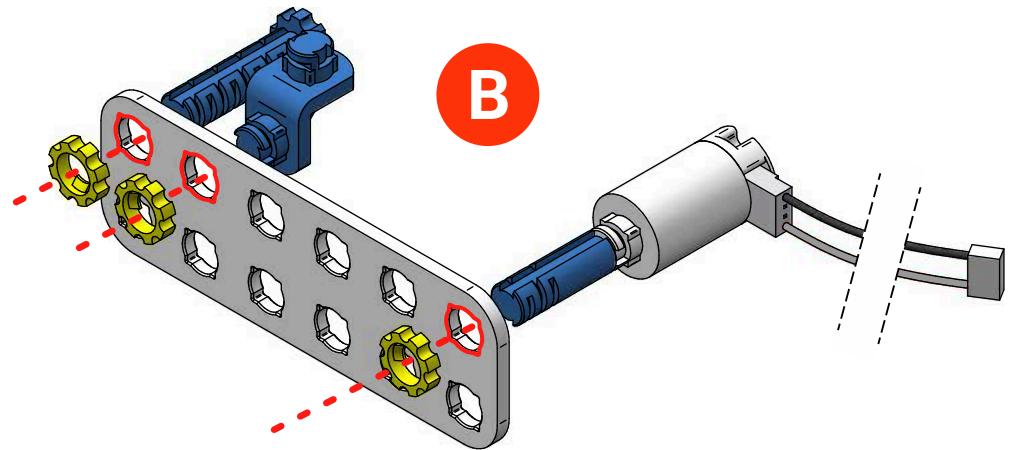
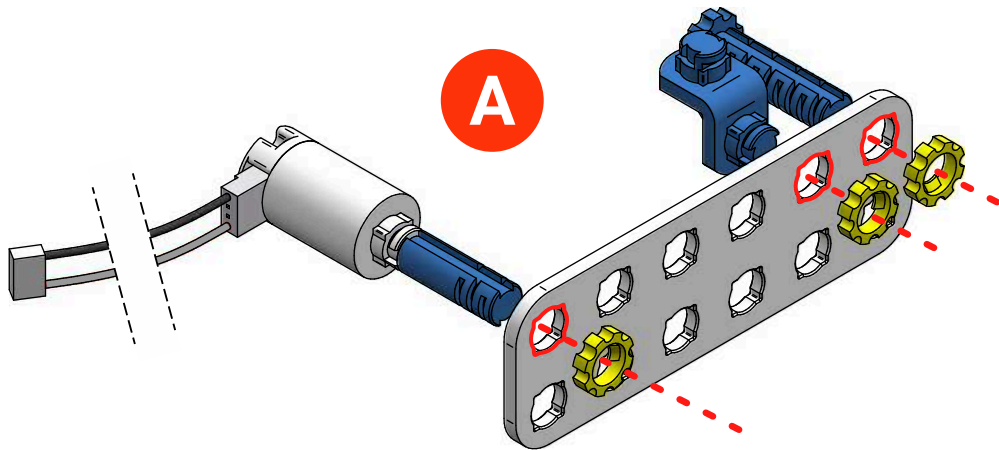


Top View

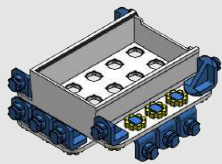
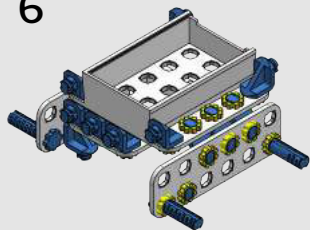


2x 2x 2x 6x 2x 5

A parts list for step 5. It includes: 2x grey 1x6 Technic plate, 2x blue axle, 2x grey axle with cable, 6x yellow gear, 2x blue connector, and 2x grey sub-assembly (shown as two separate units).

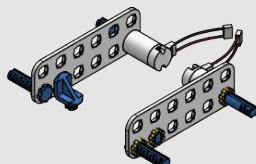


6



Step 4

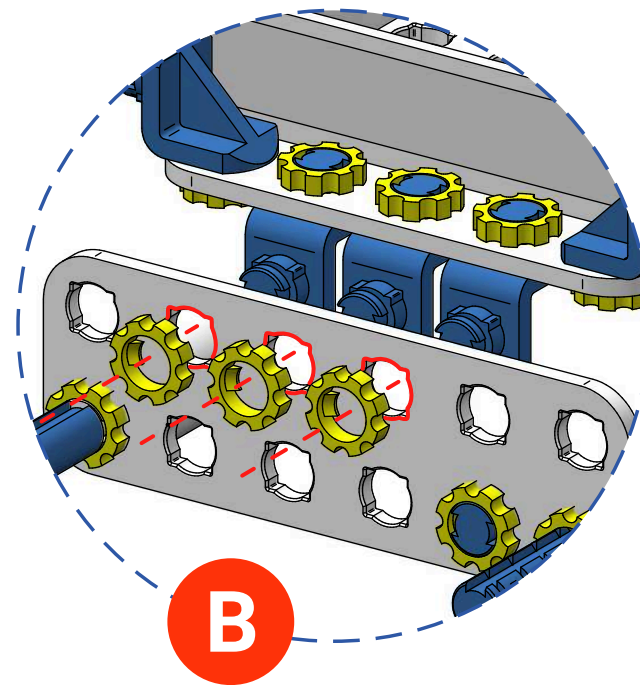
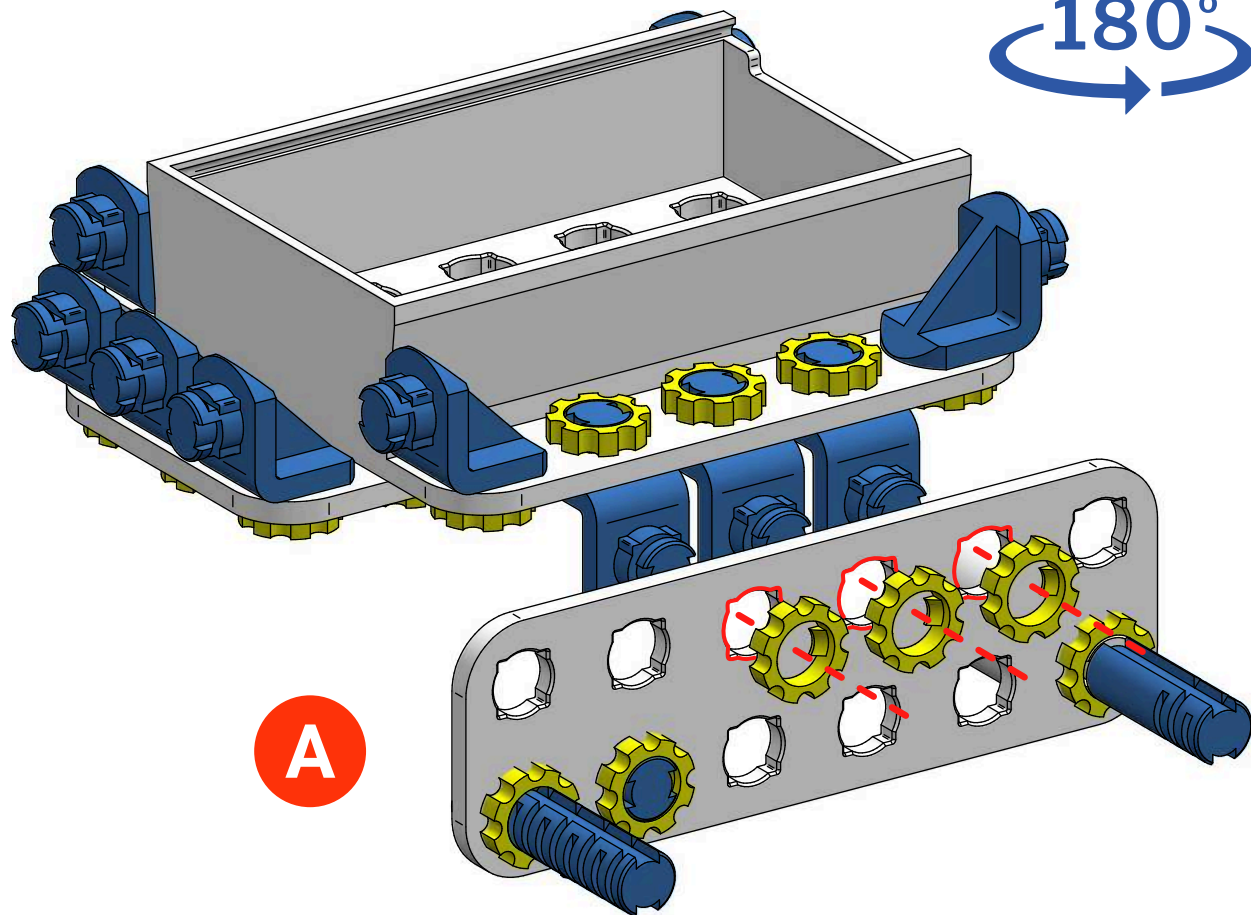
+



Step 5



6x

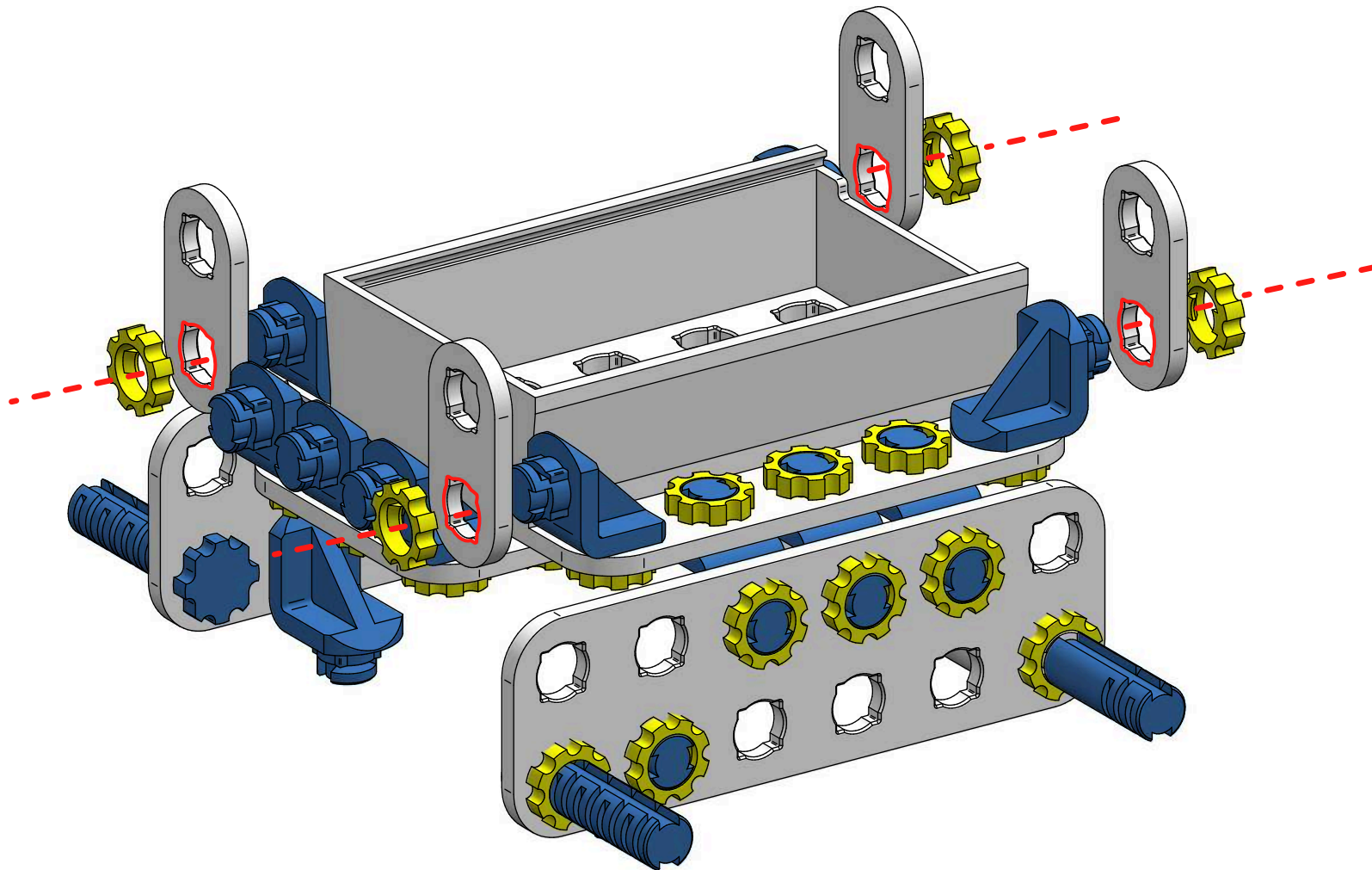
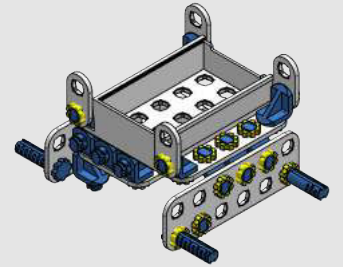




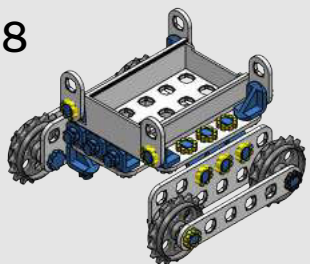
4x



4x



8



6x



2x



4x



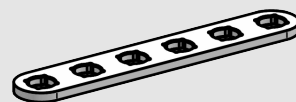
2x

Passive wheel

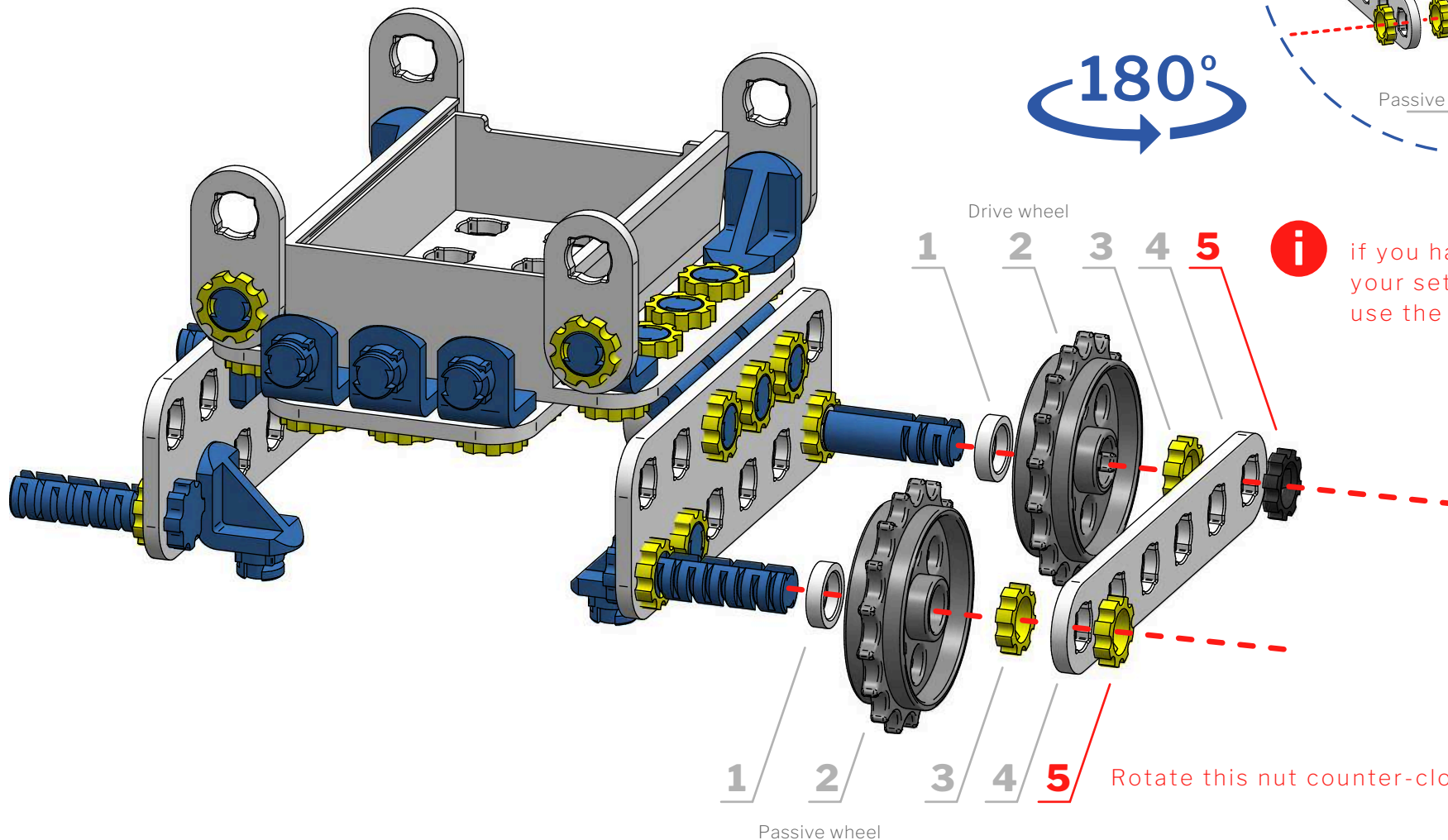
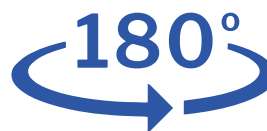
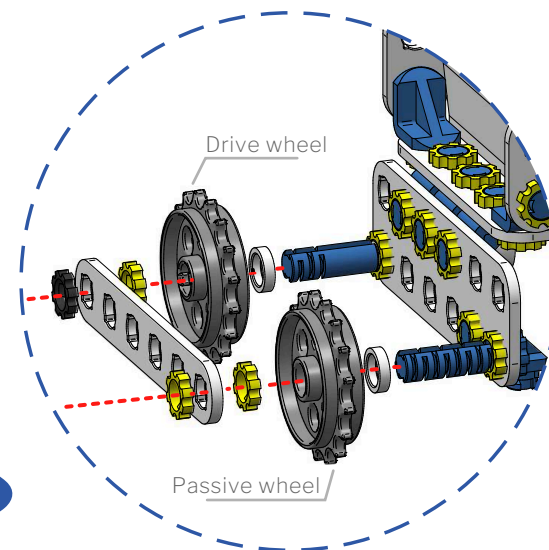


2x

Drive wheel



2x



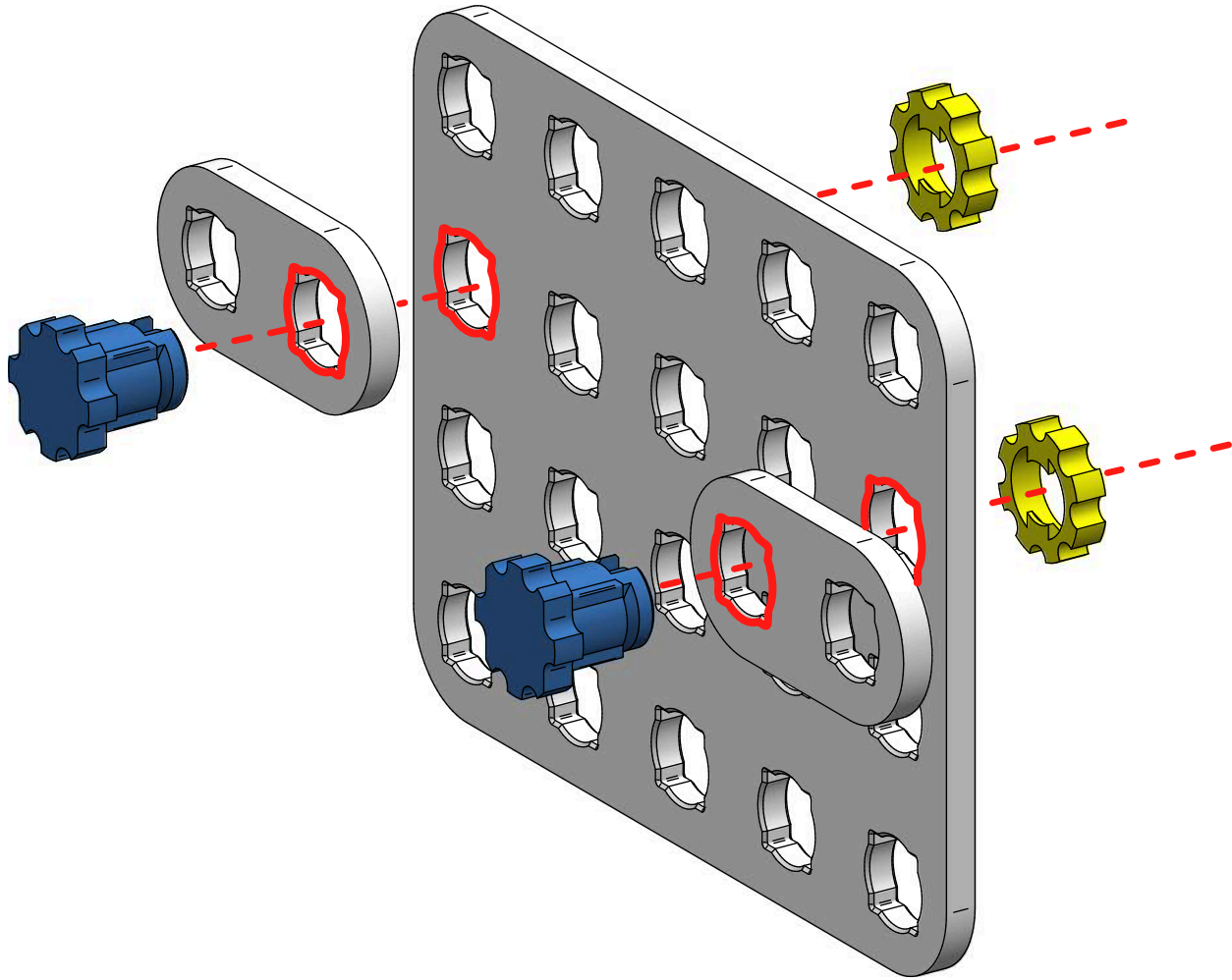
i if you have a black nut in your set, use it, if not, use the yellow one

Rotate this nut counter-clockwise

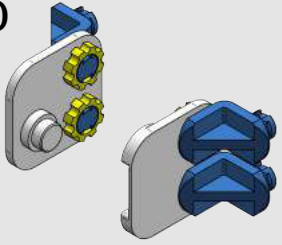


1x 2x 2x 2x L3 Rigid Bolt

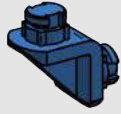
This block contains the parts list for step 9. It features four individual parts: a grey 4x4 Technic plate (1x), a grey Technic oval with two holes (2x), a yellow Technic gear (2x), and a blue L3 Rigid Bolt (2x). To the right of the list is a small inset image showing the grey plate with two blue bolts inserted into opposite corners.



10



4x



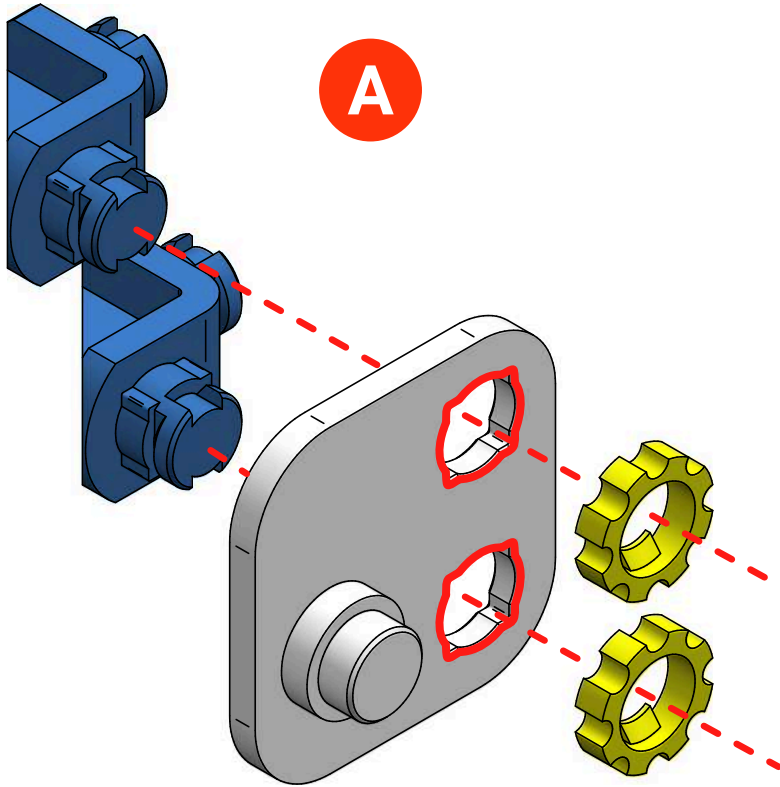
4x



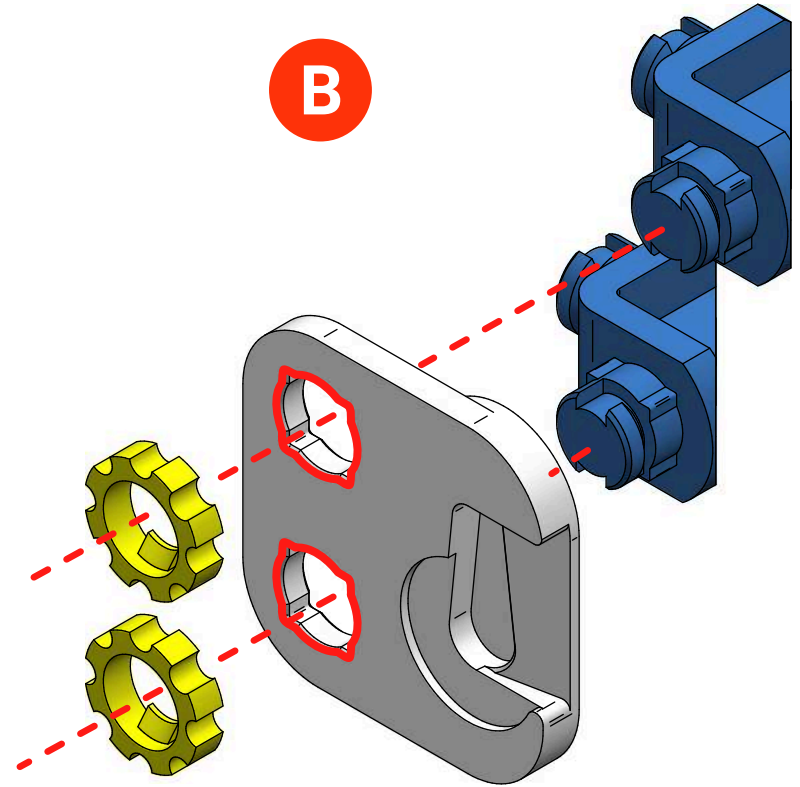
1x



1x



A

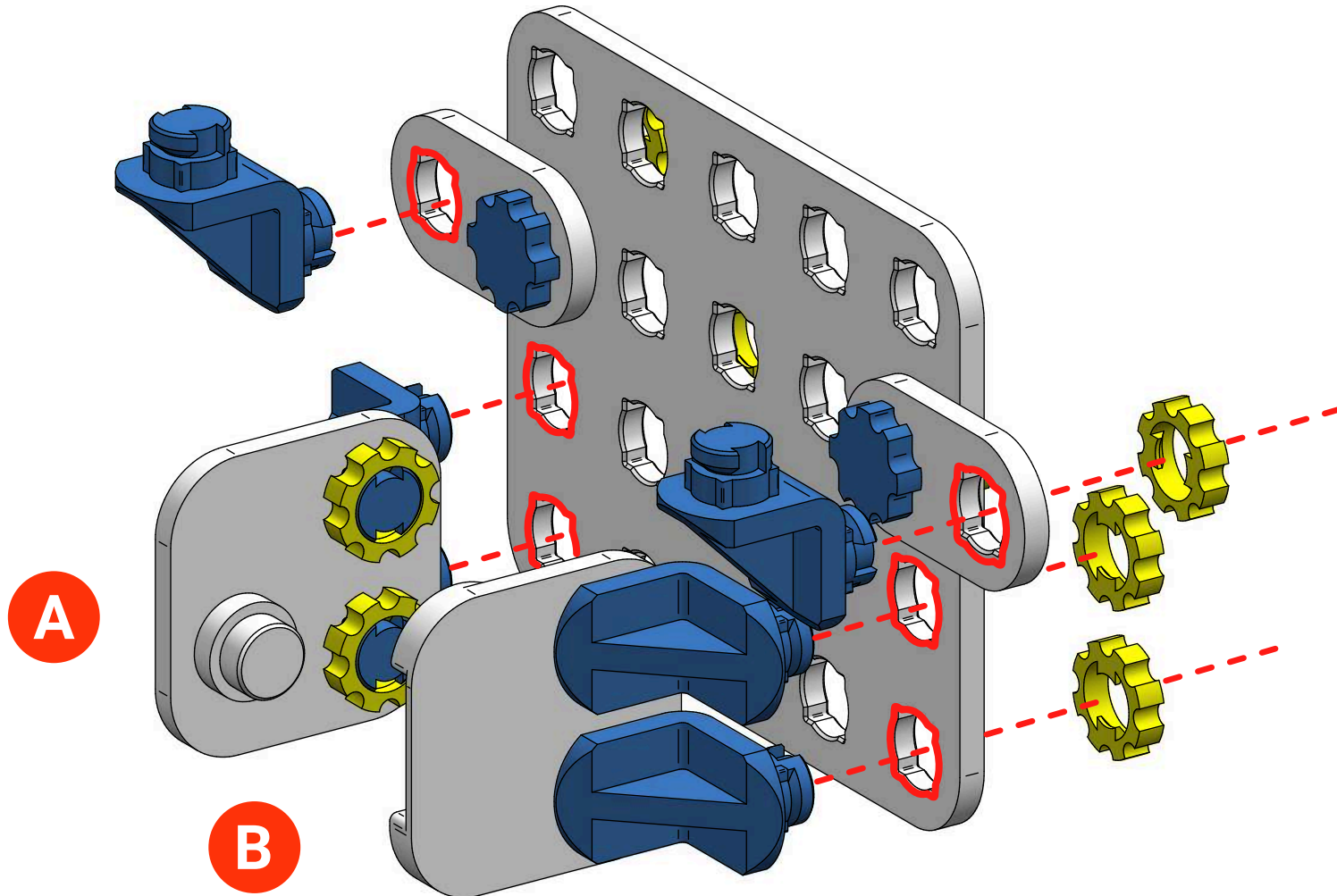


B

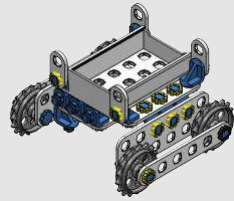
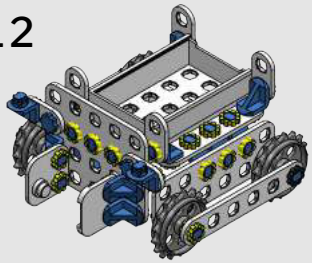
6x 2x

Step 10 + Step 9

This block shows the parts list and assembly sequence for step 11. It includes a parts list with 6 yellow gears and 2 blue connectors. Below the list, the assembly sequence is shown: a sub-assembly from Step 10 (a grey plate with two gears and a blue connector) is combined with a sub-assembly from Step 9 (a grey plate with a grid of holes and a blue connector). The final result is a larger assembly where the Step 10 sub-assembly is attached to the Step 9 sub-assembly.

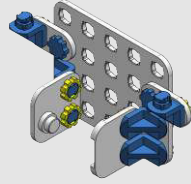


12



Step 8

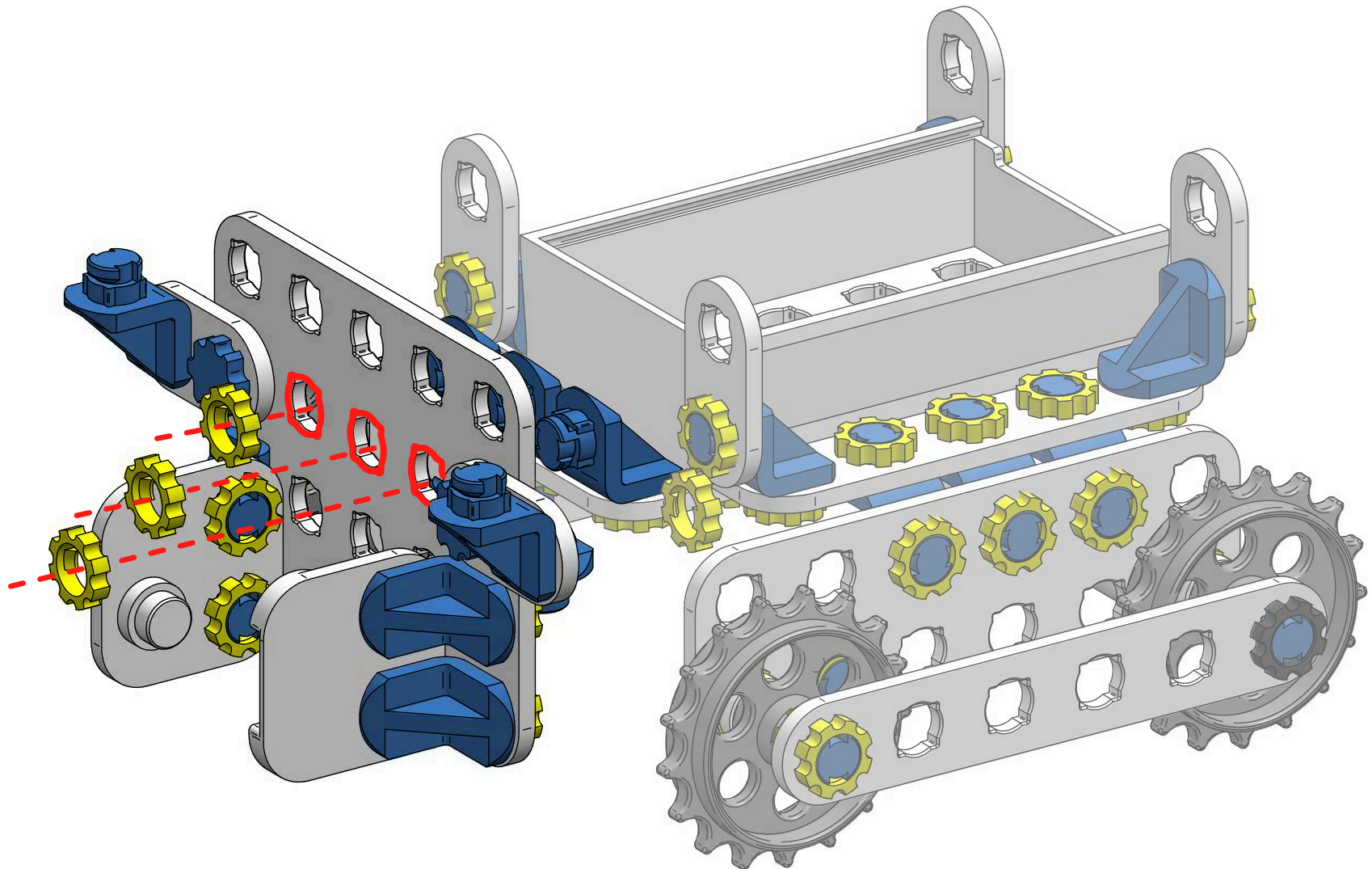
+



Step 10

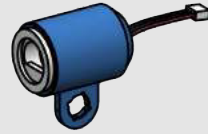


3x

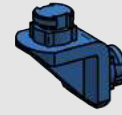




2x



2x



2x

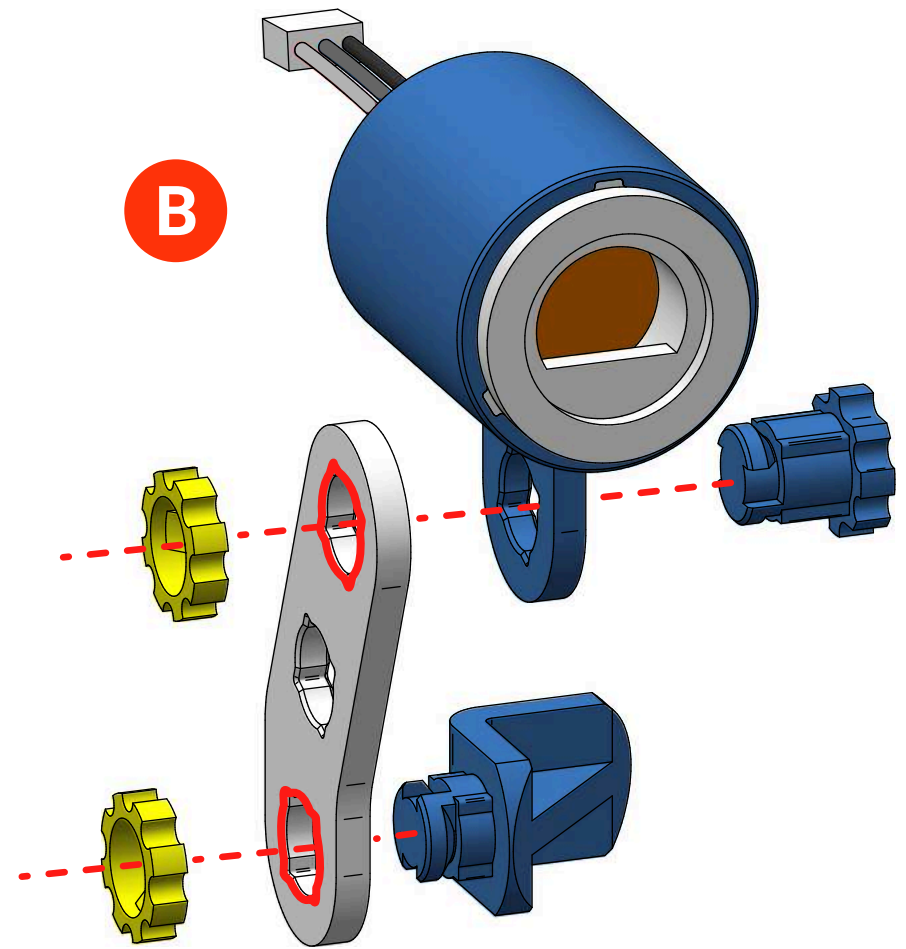
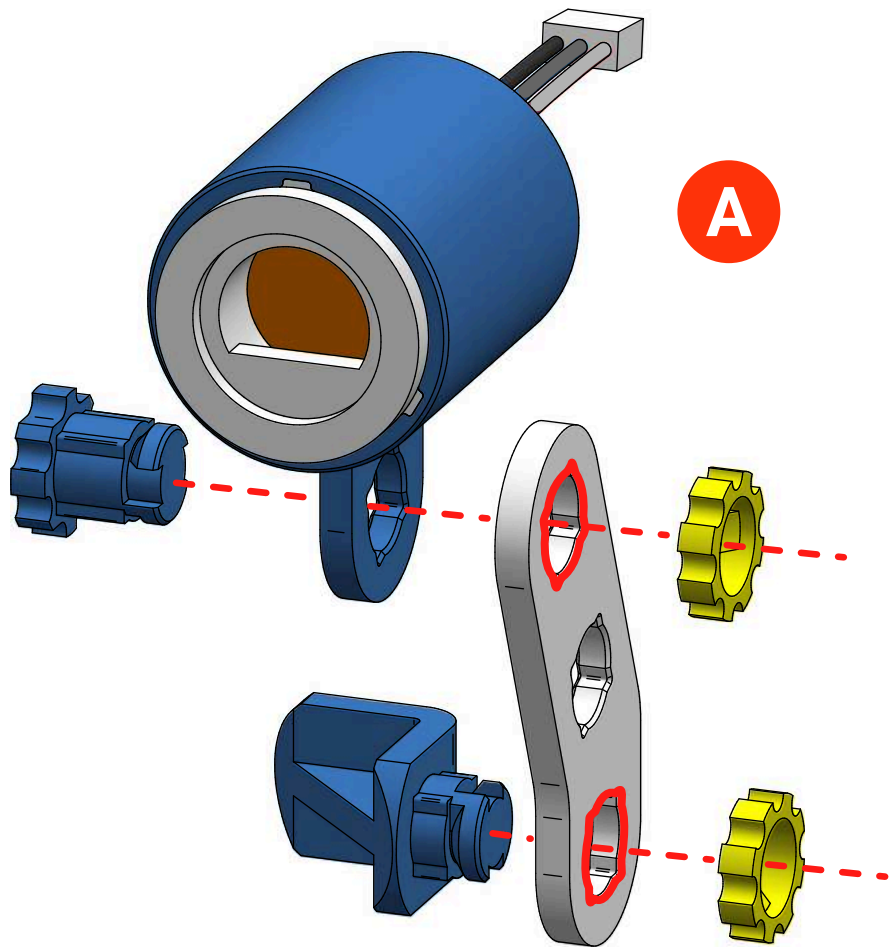
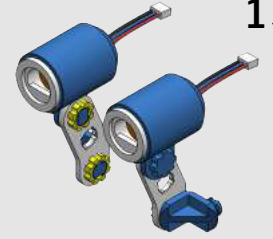


4x

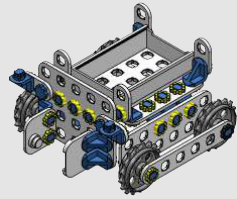
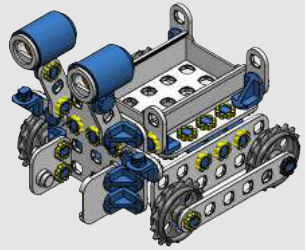


2x

L3 Rigid Bolt



14



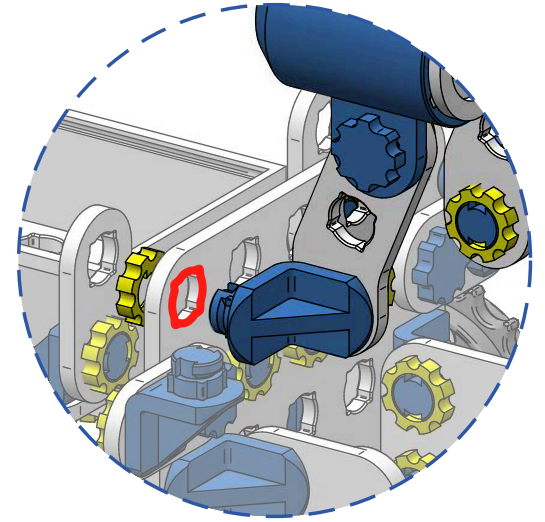
+



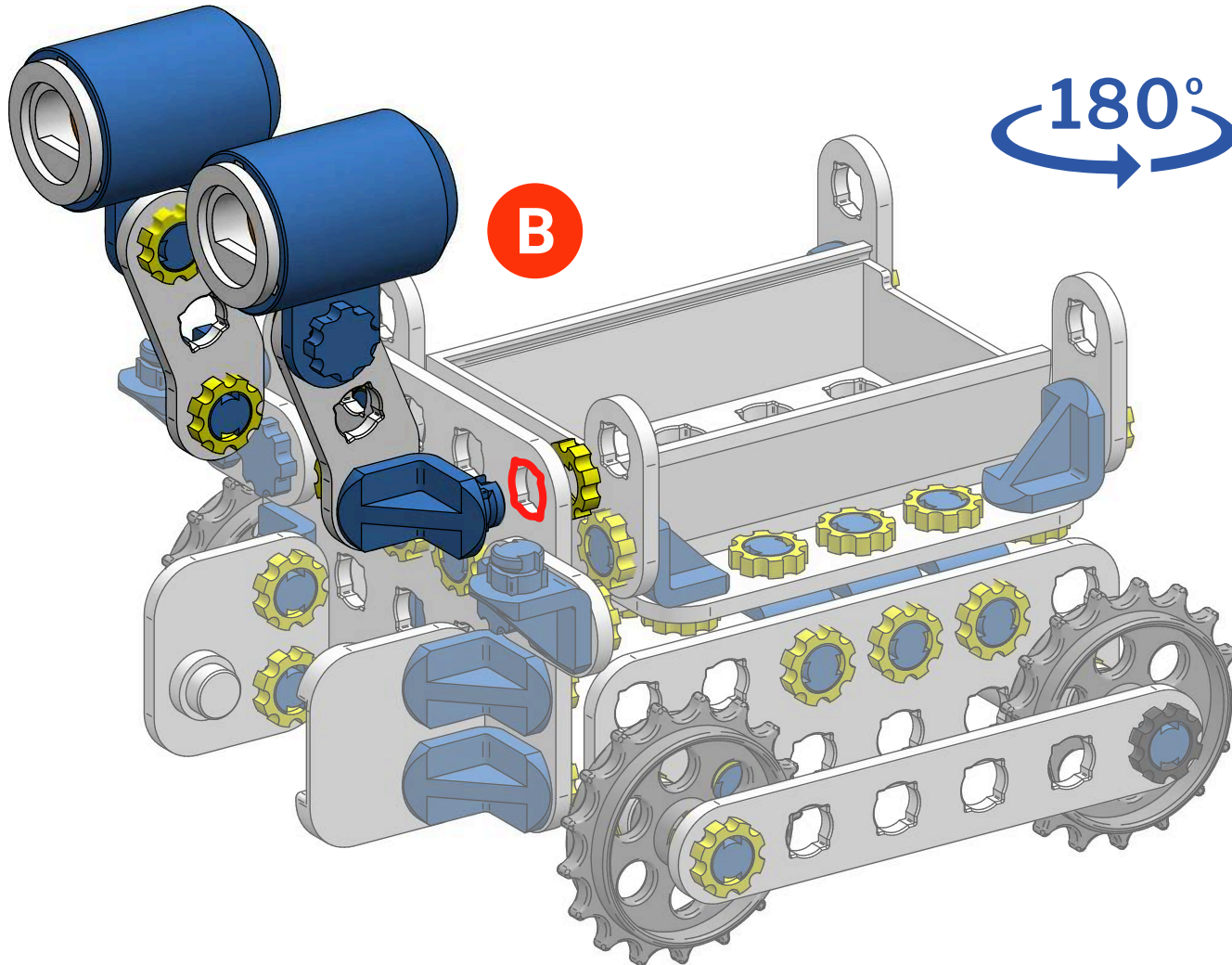
2x

Step 12

Step 13

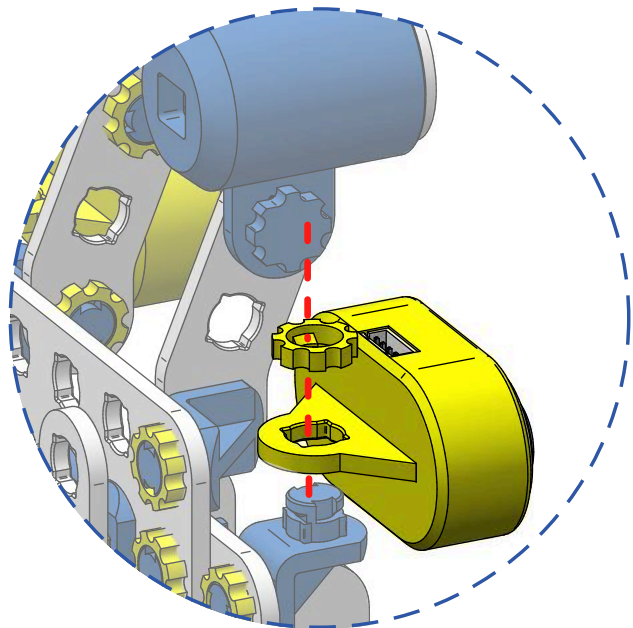


A

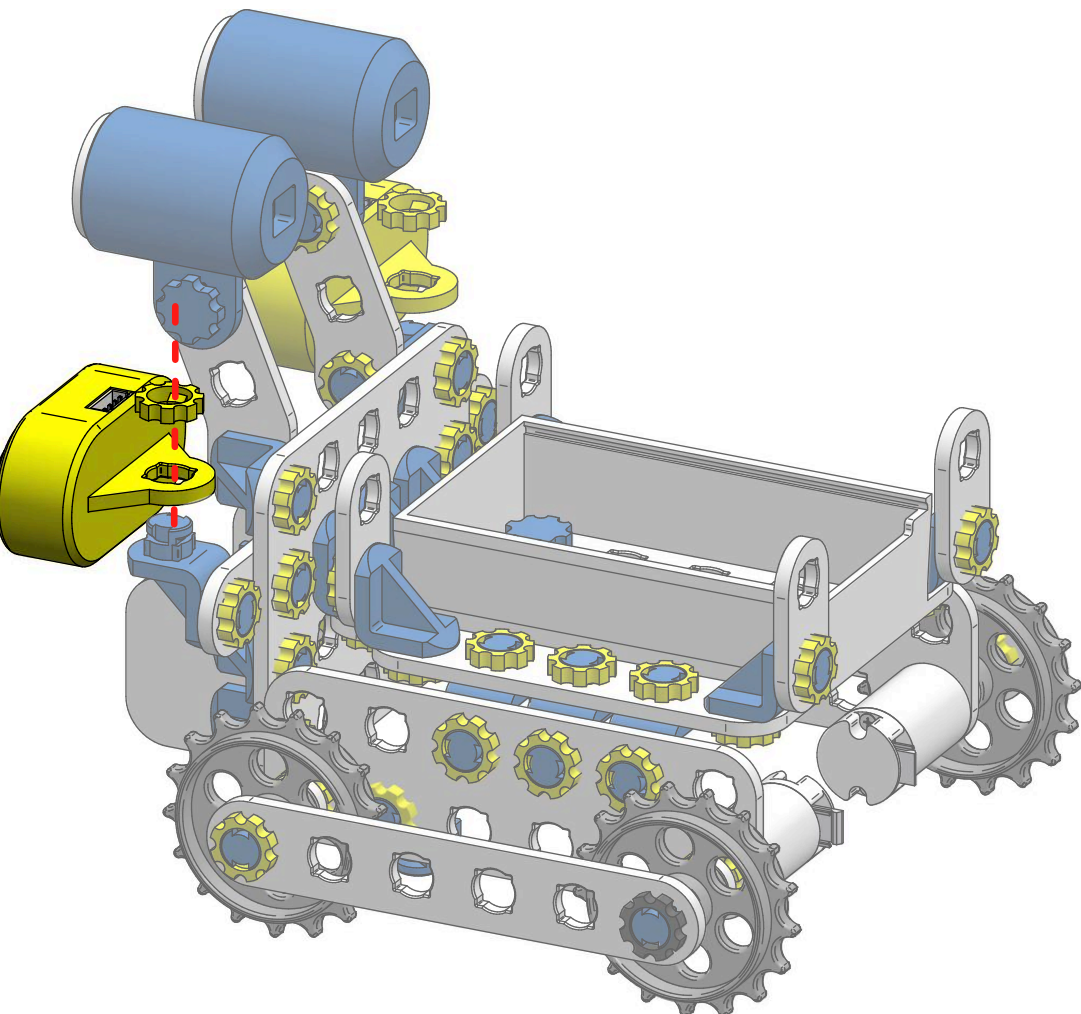


B

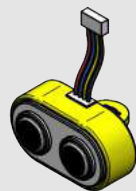
180°



180°

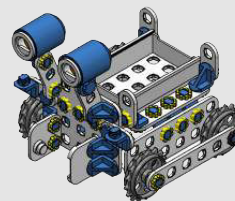


2x

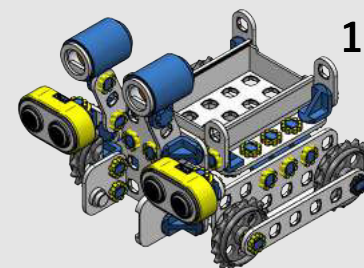


2x

+

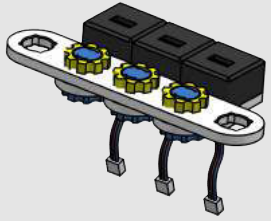


Step 14



15

16



3x



3x

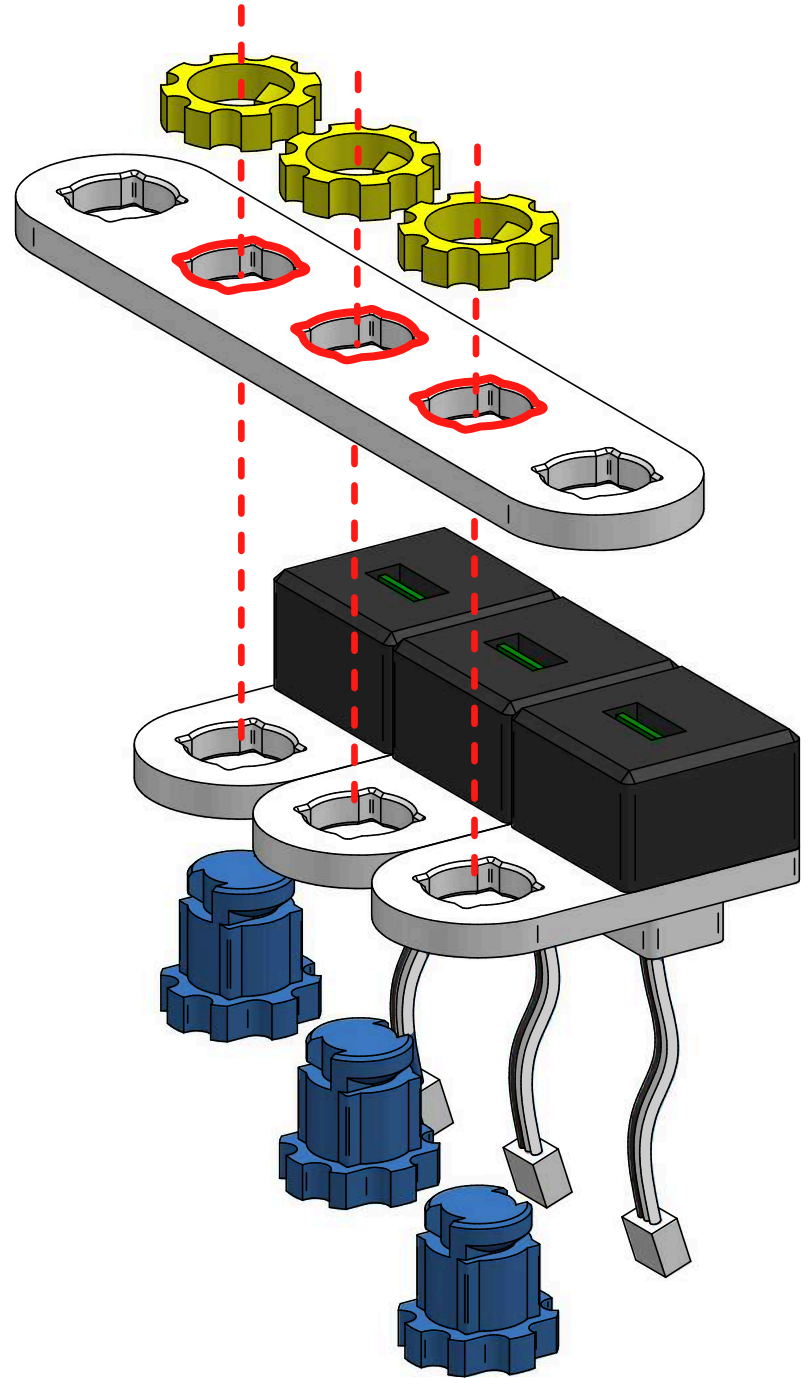
L3 Rigid Bolt

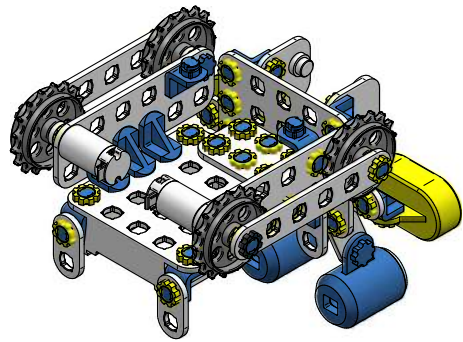


3x

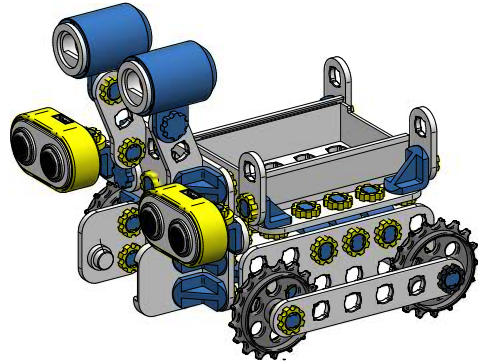


1x

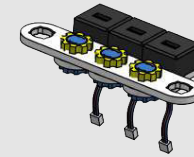




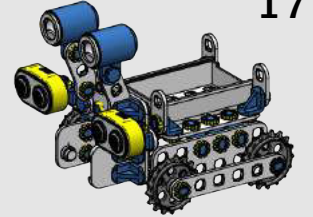
180°



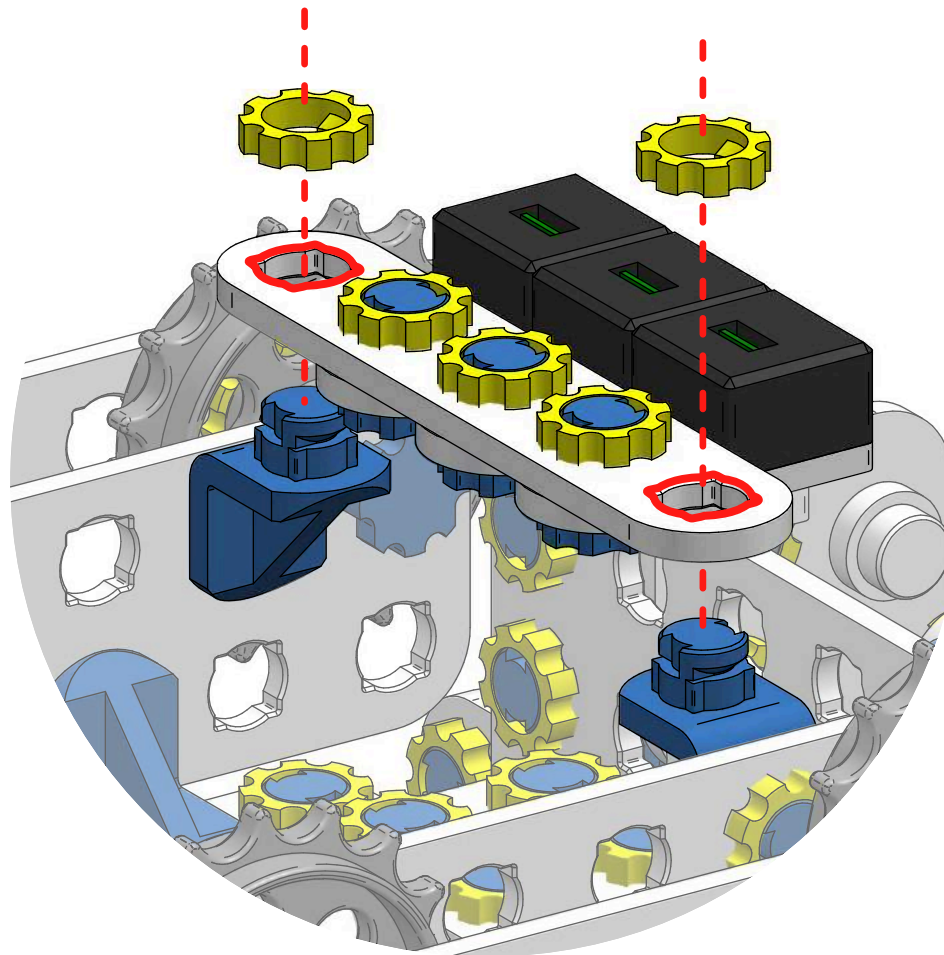
2x



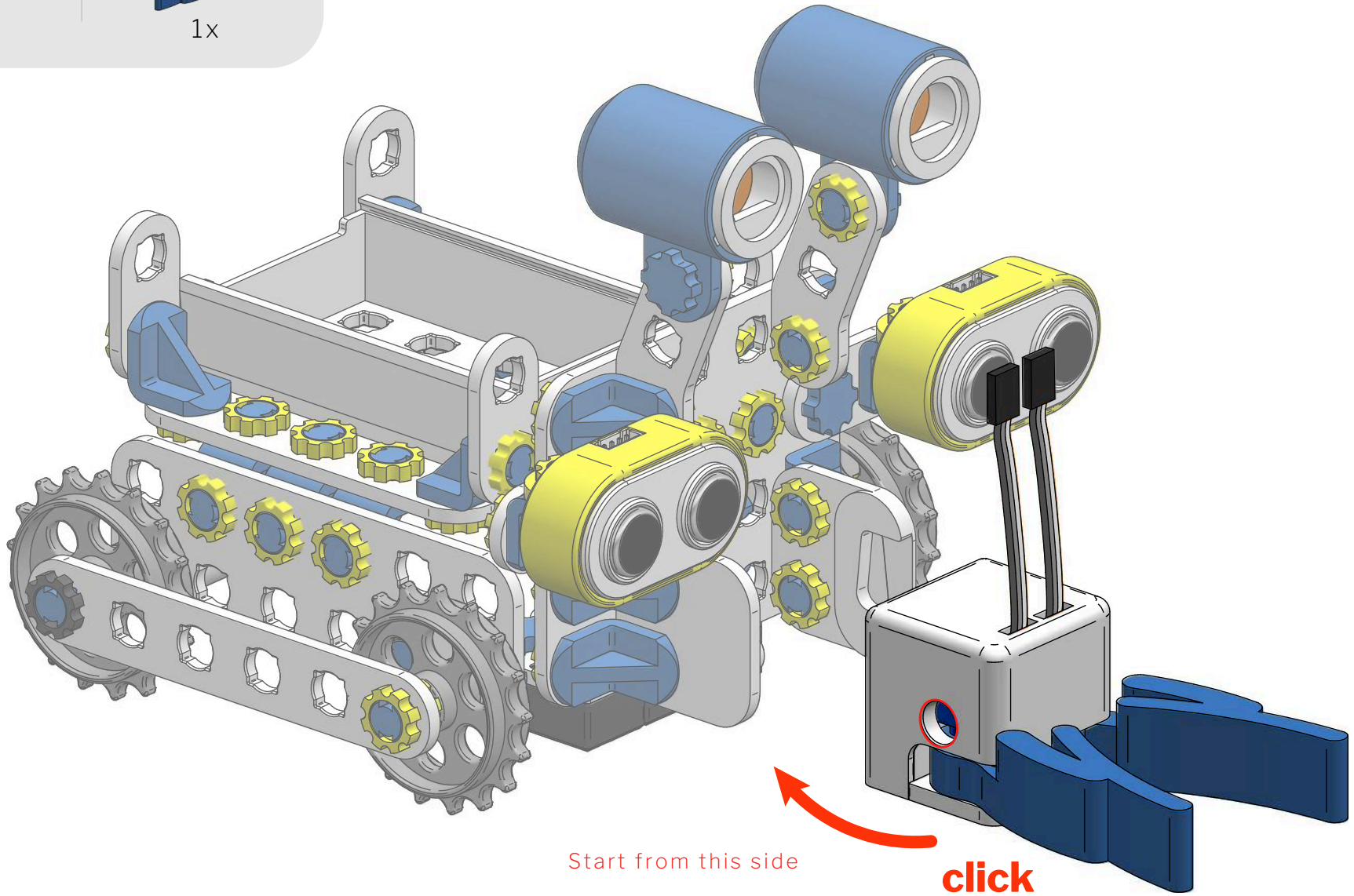
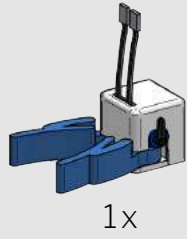
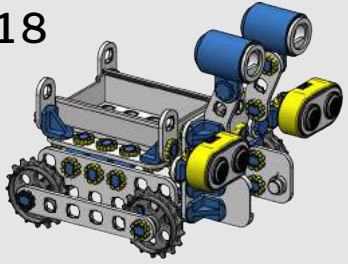
+

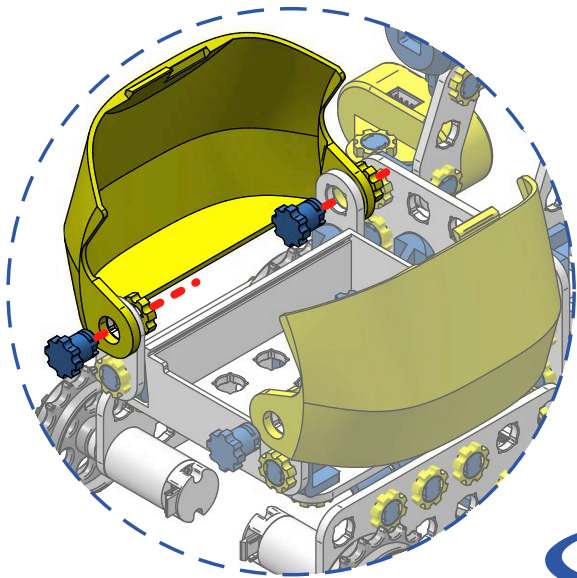


17

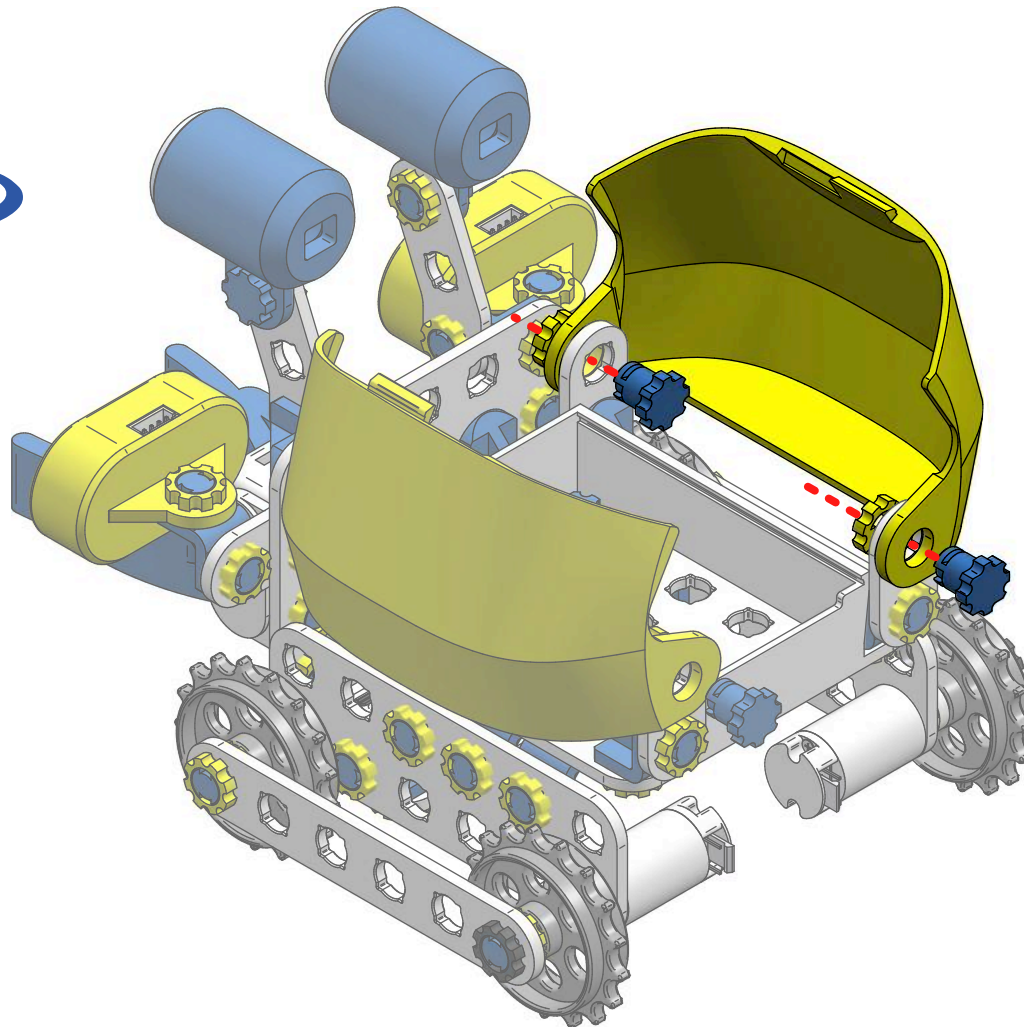


18





180°



4x

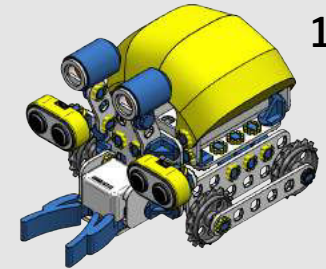


4x



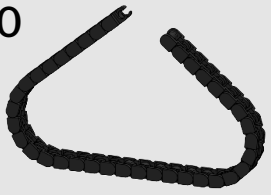
2x

L3 Rotating Bolt



19

20

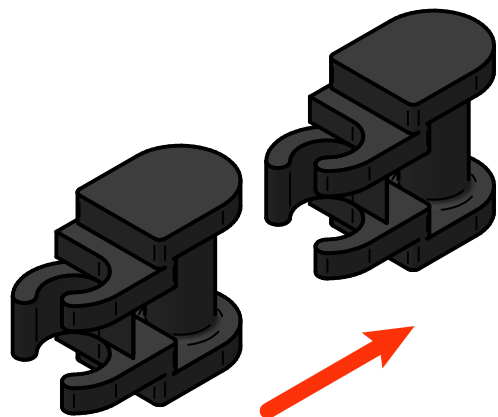


2x

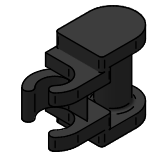


74x

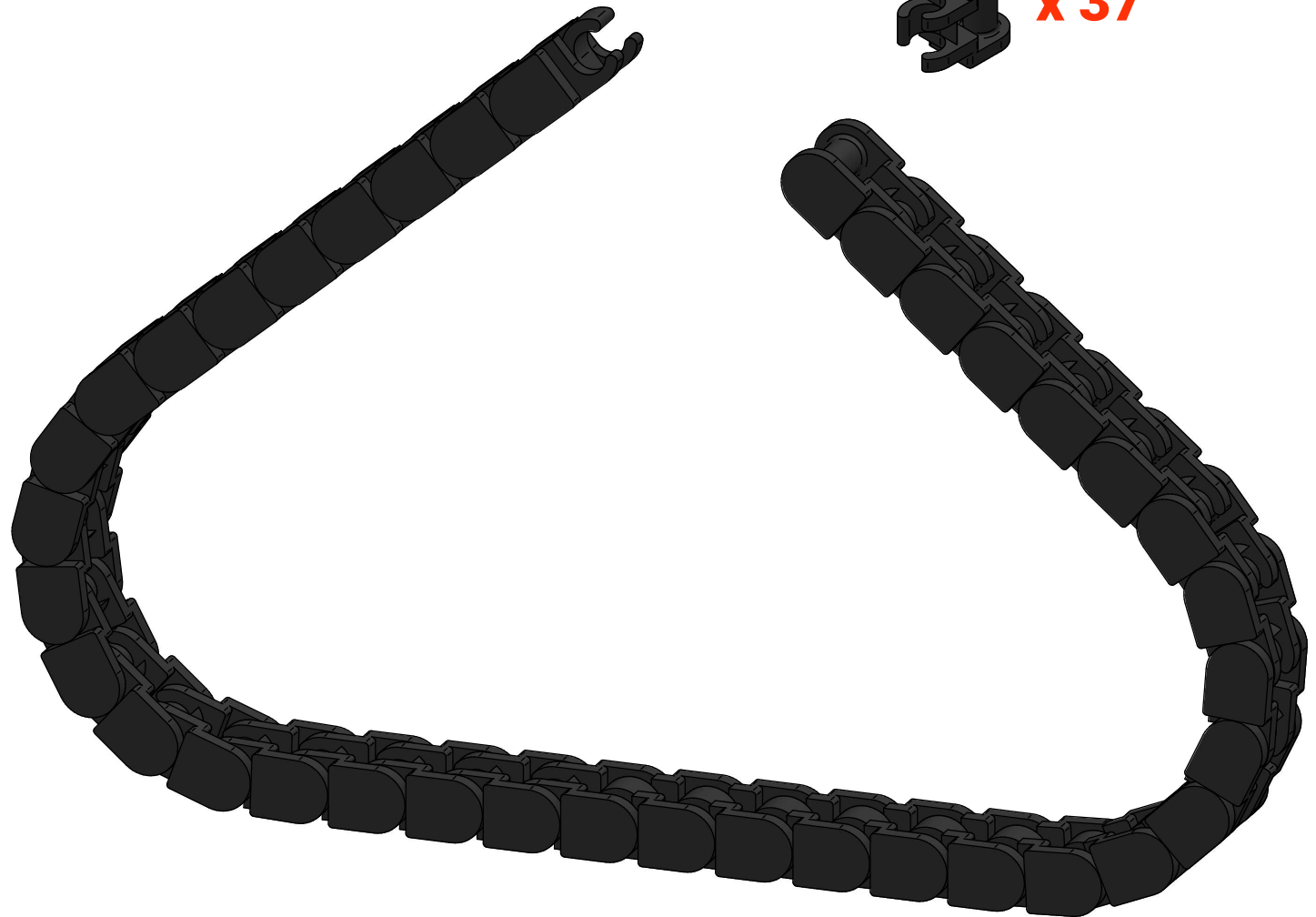
Each track consists of 37 track links

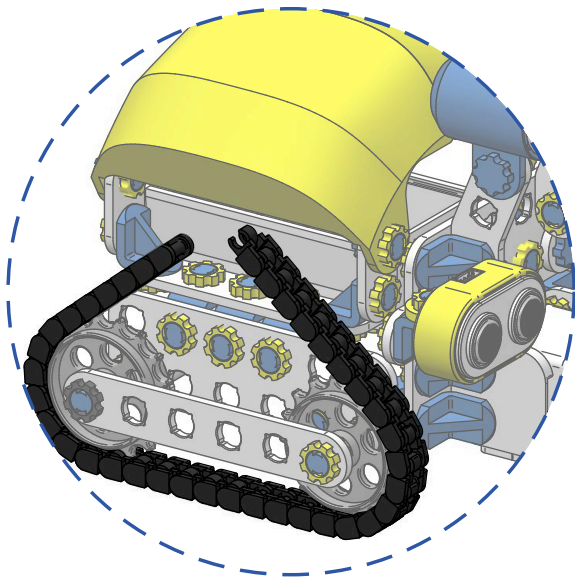


click

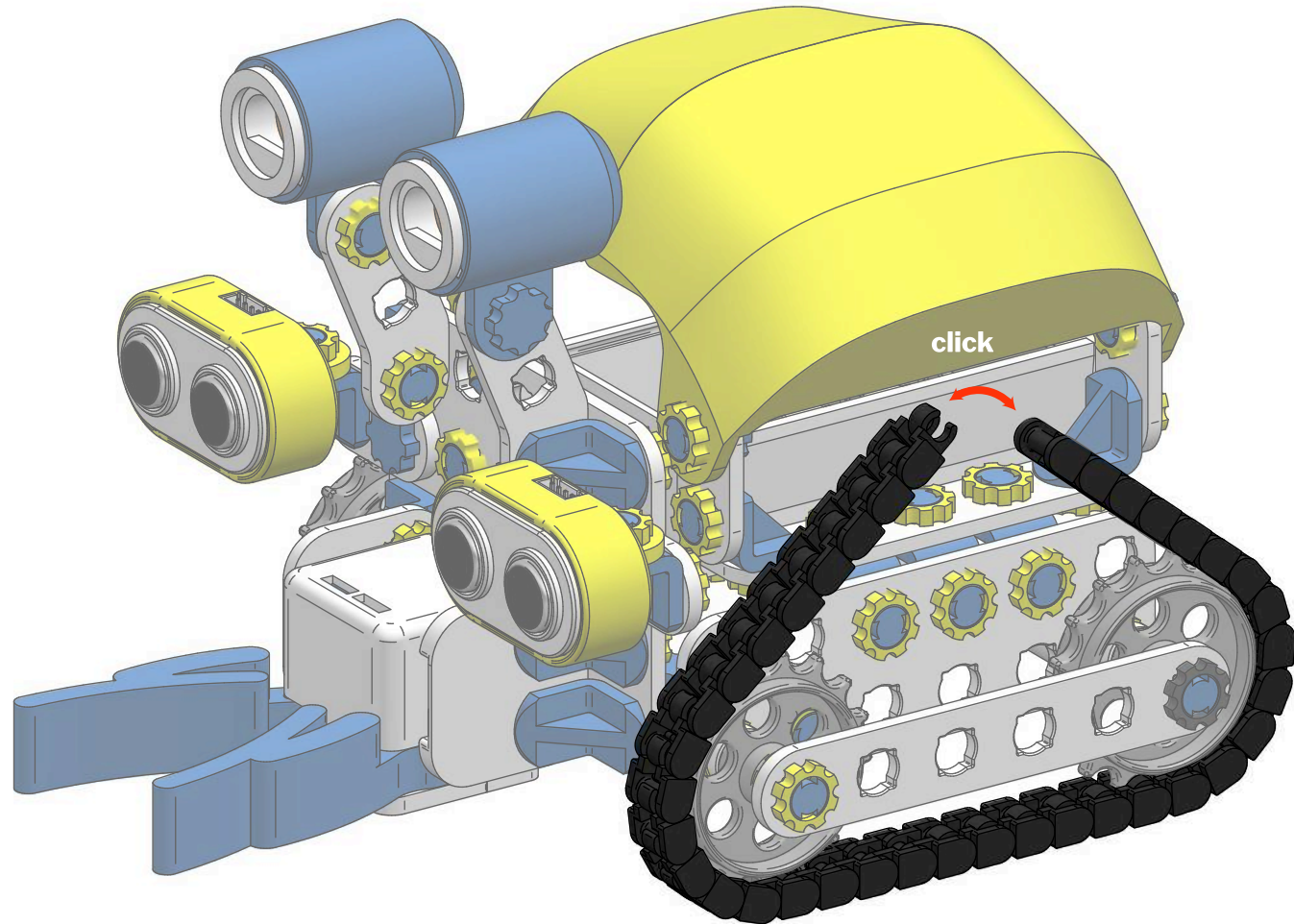
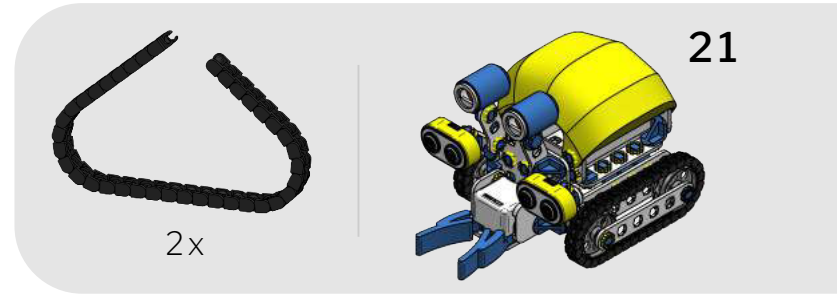


x 37

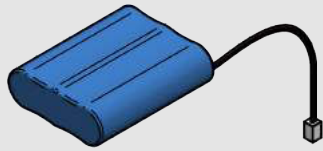
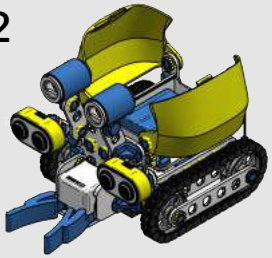




180°

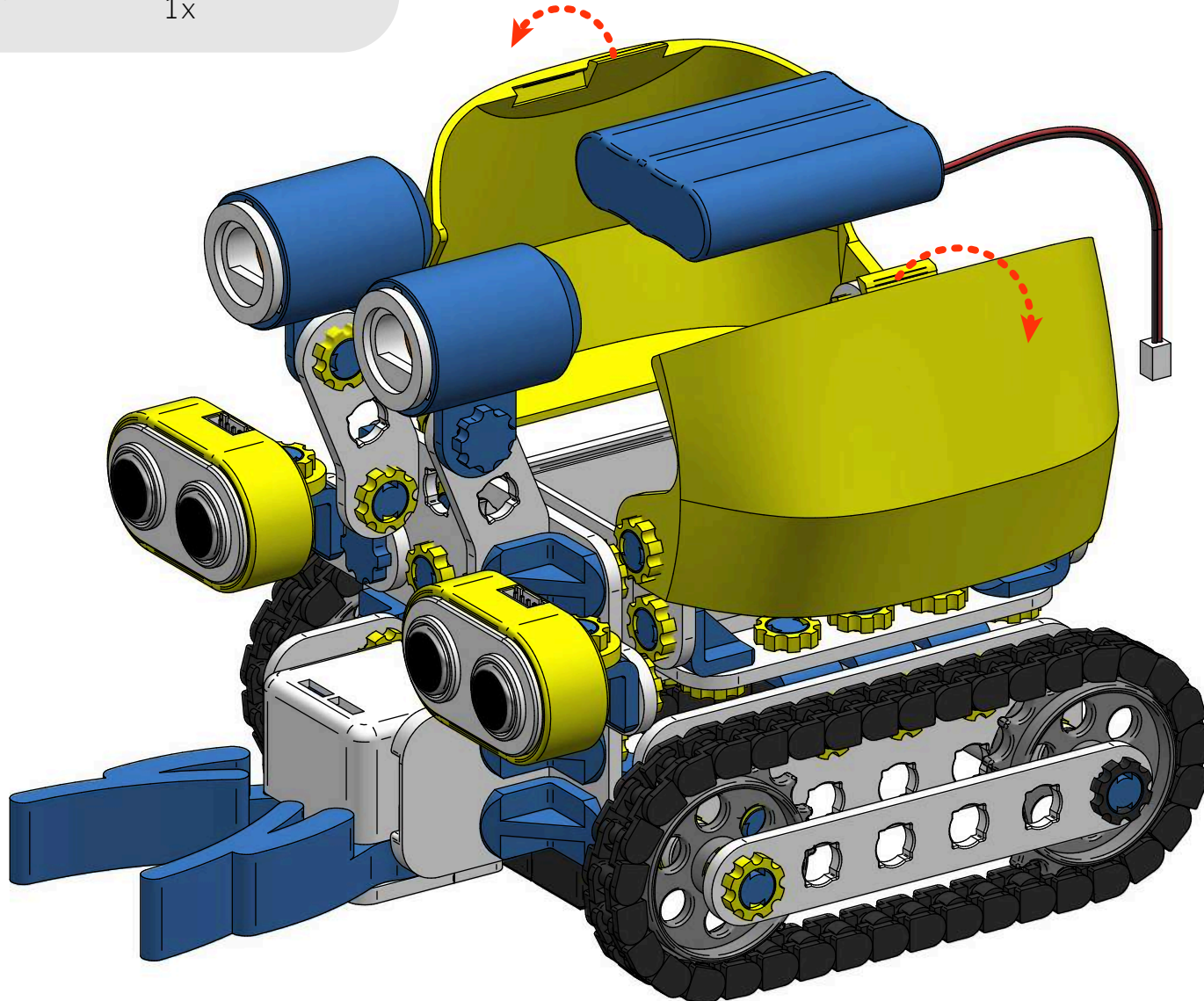


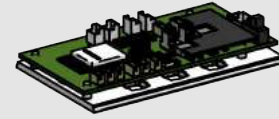
22



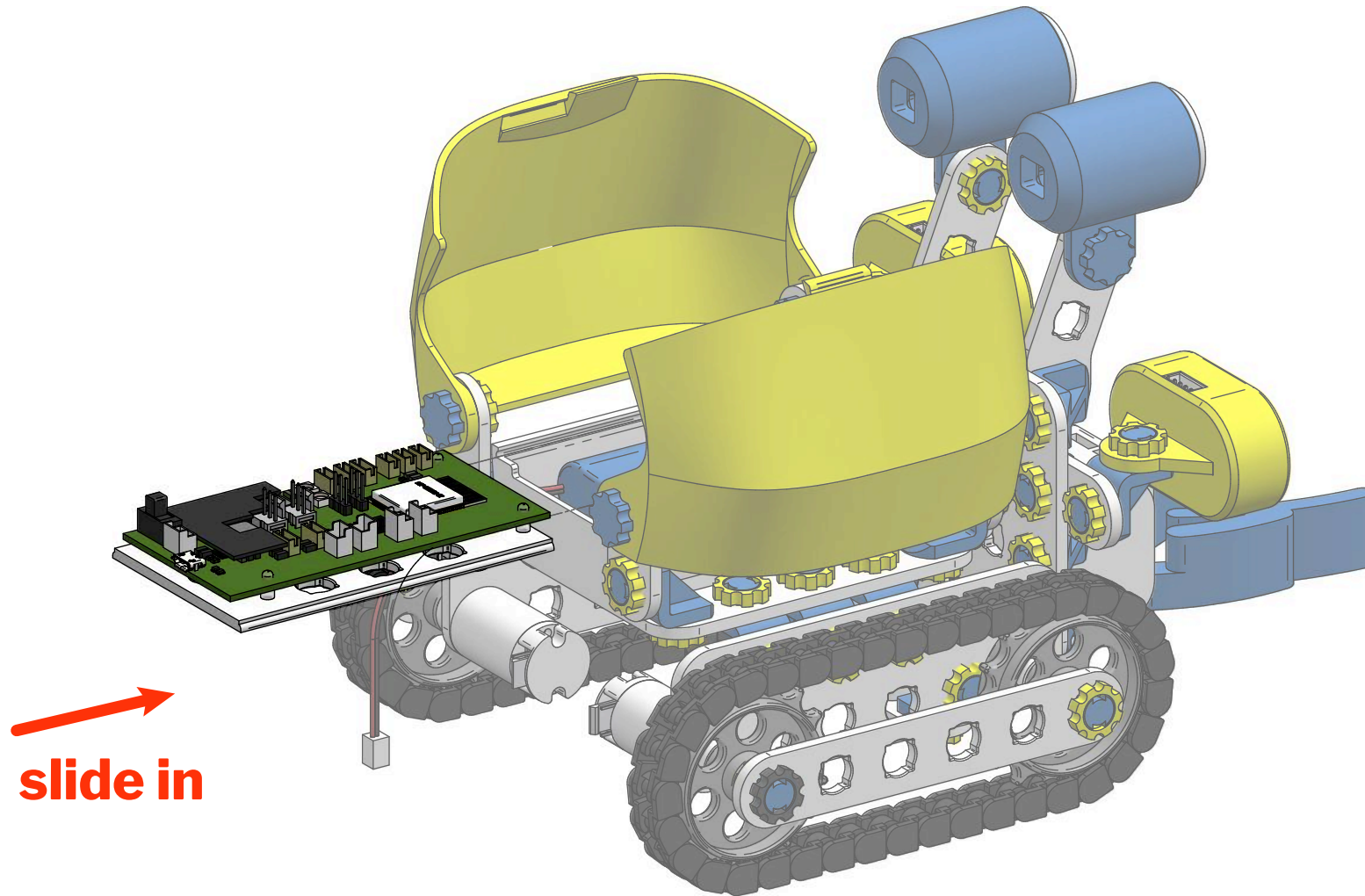
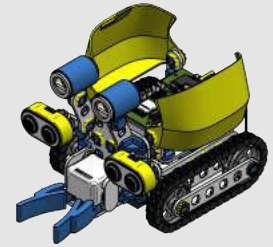
1x

Place the battery into the compartment



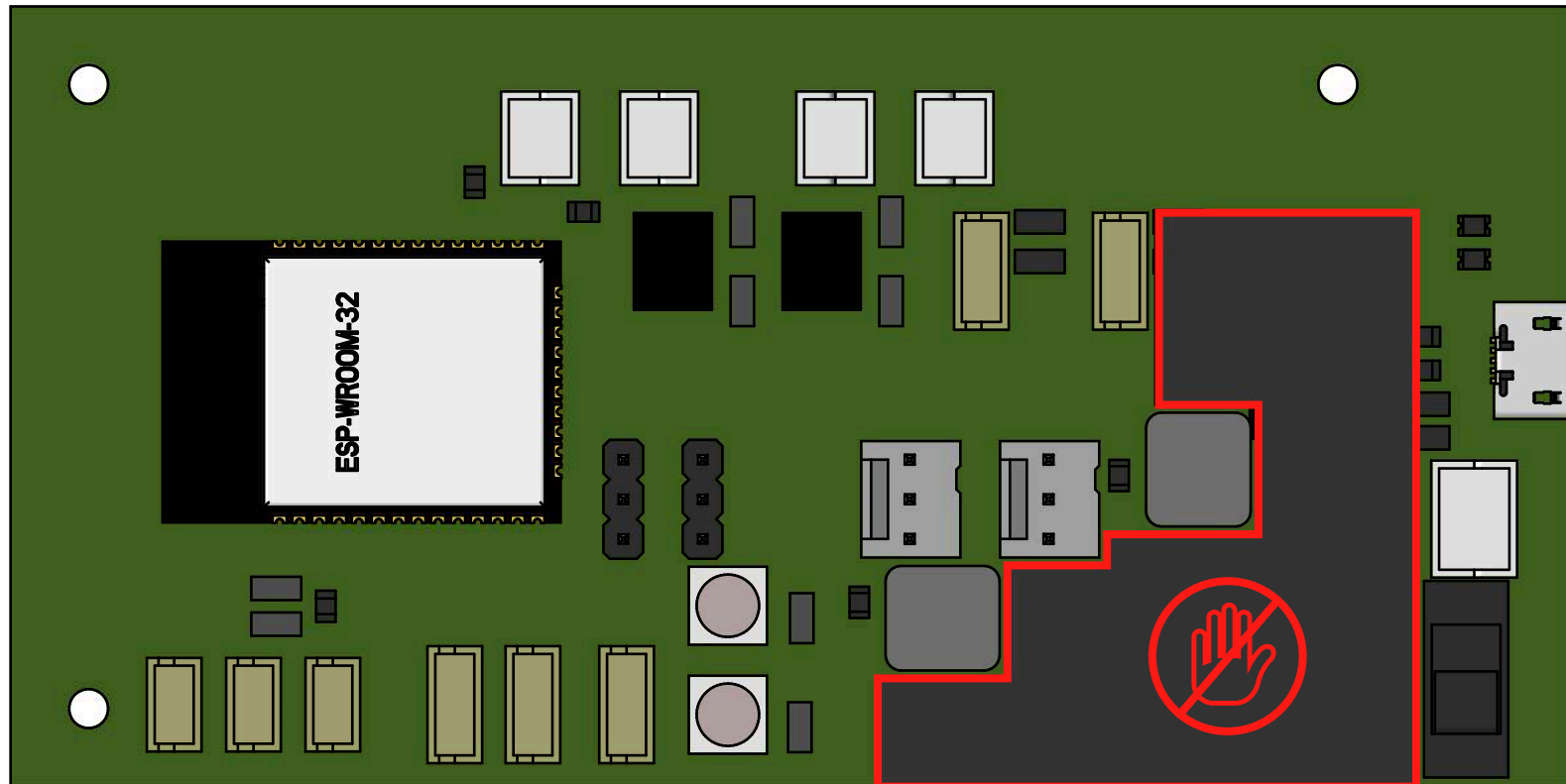


1x




slide in

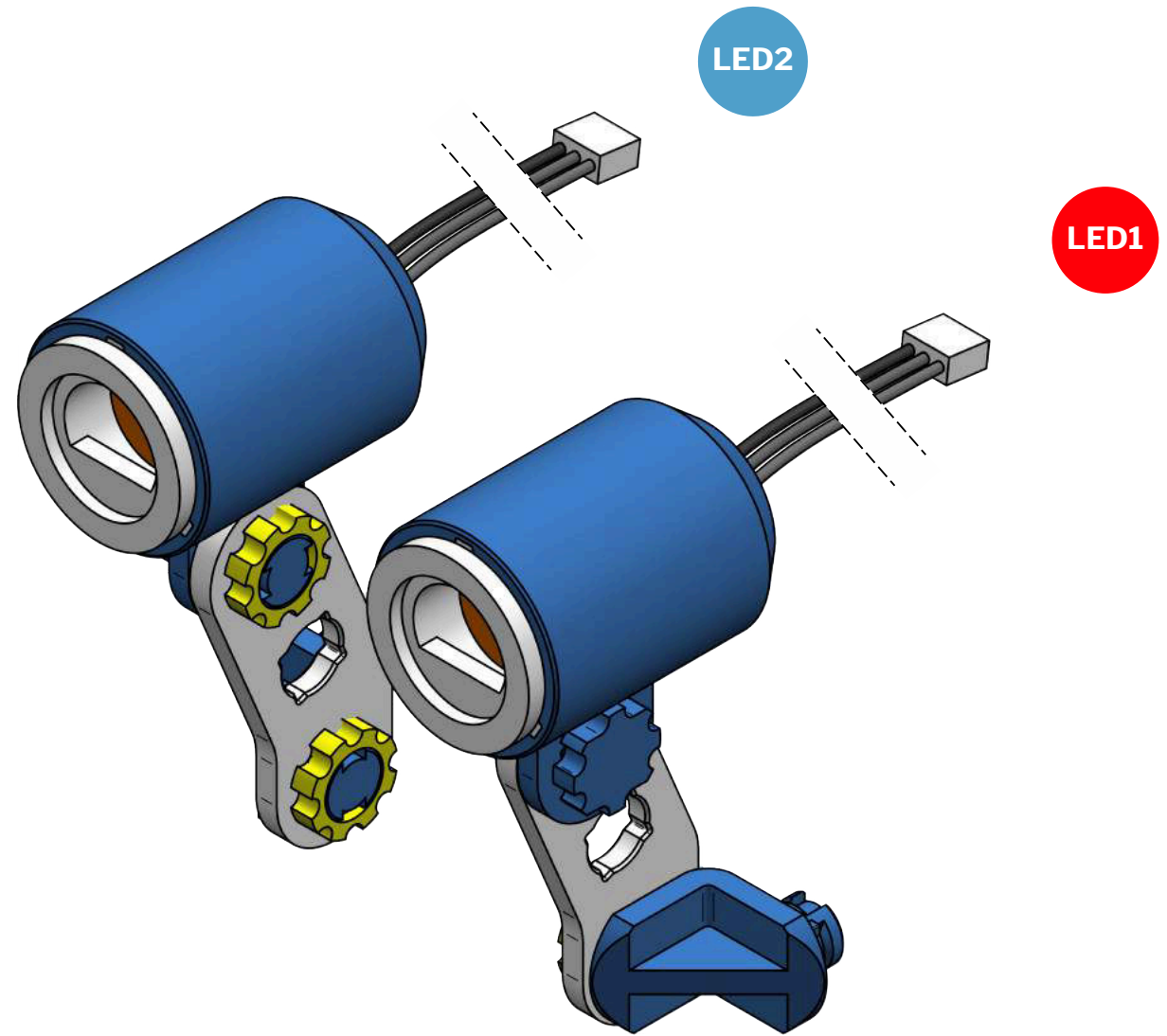
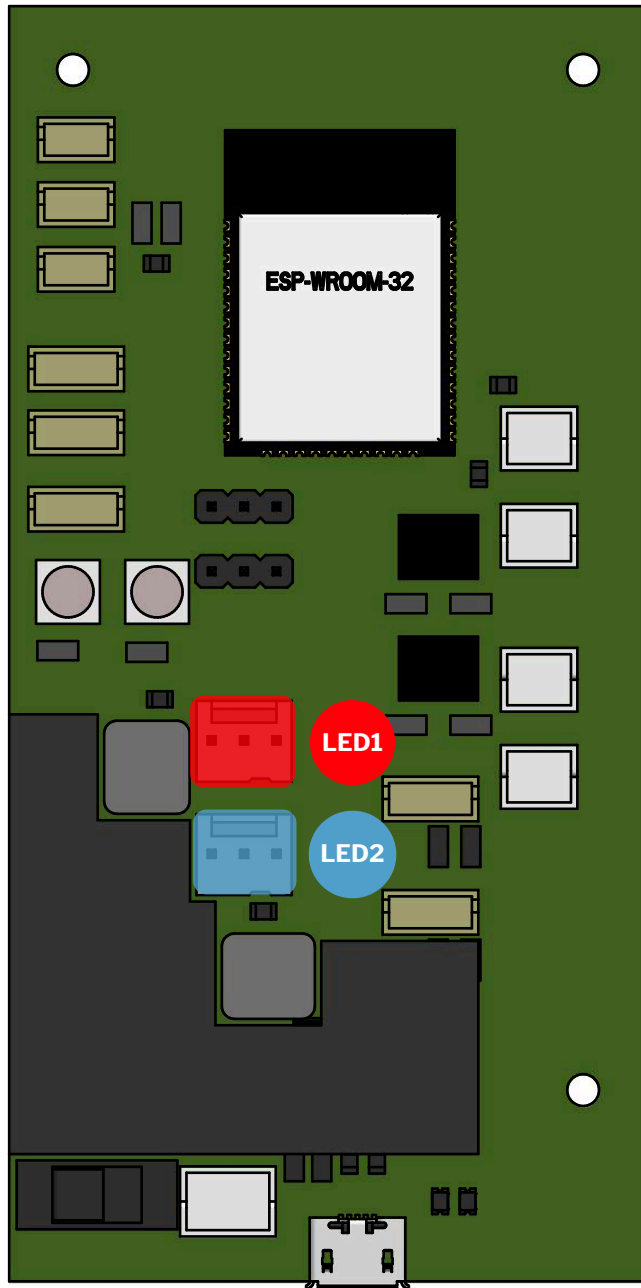
24 ELECTRONICS



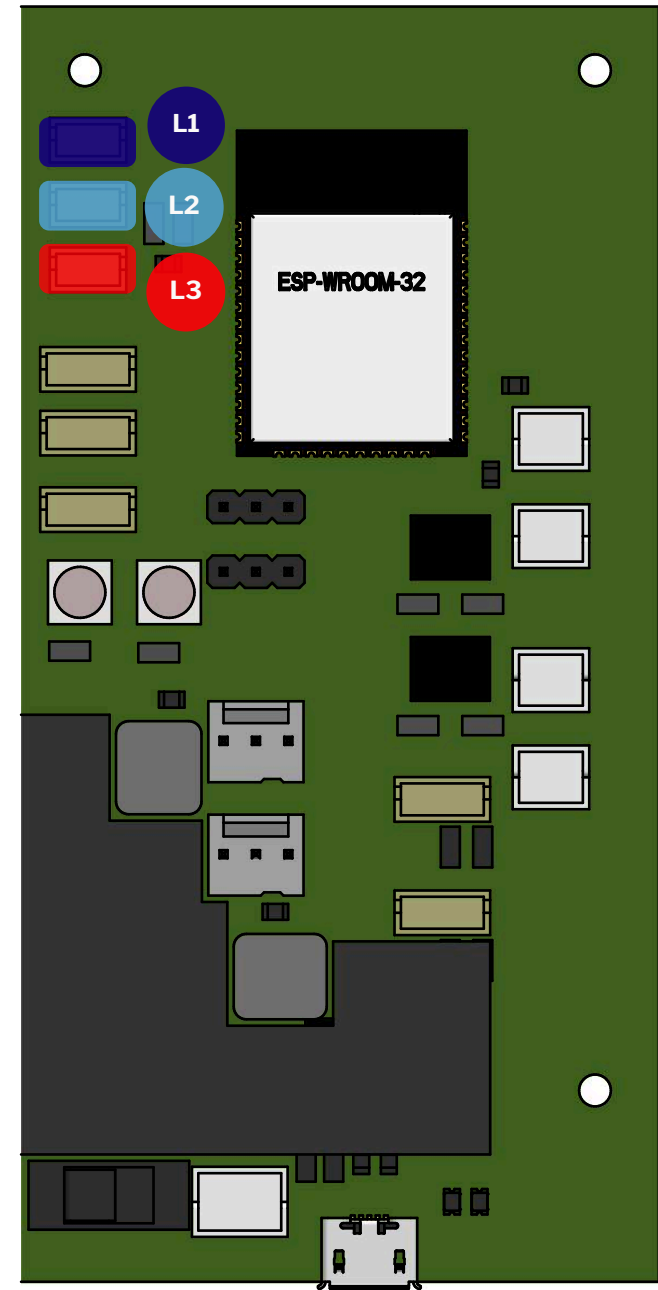
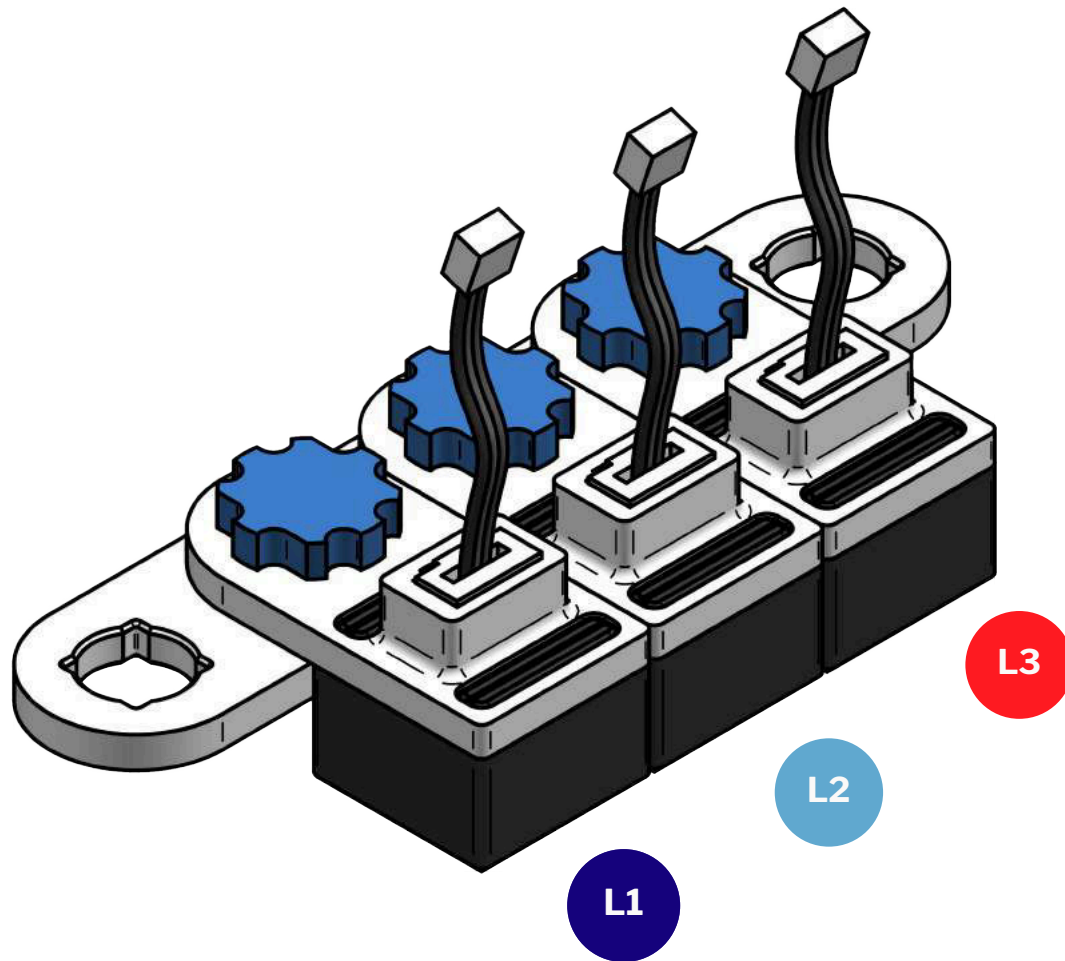
Do not remove the protective sticker from Skribrain.

Turn the power off before removing and plugging any cables!

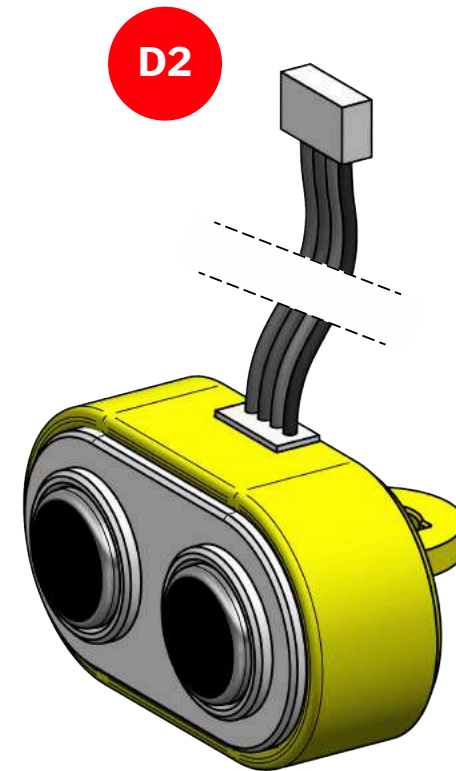
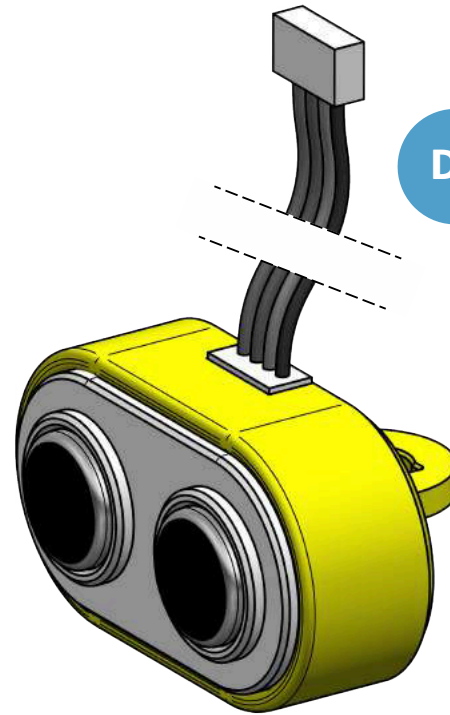
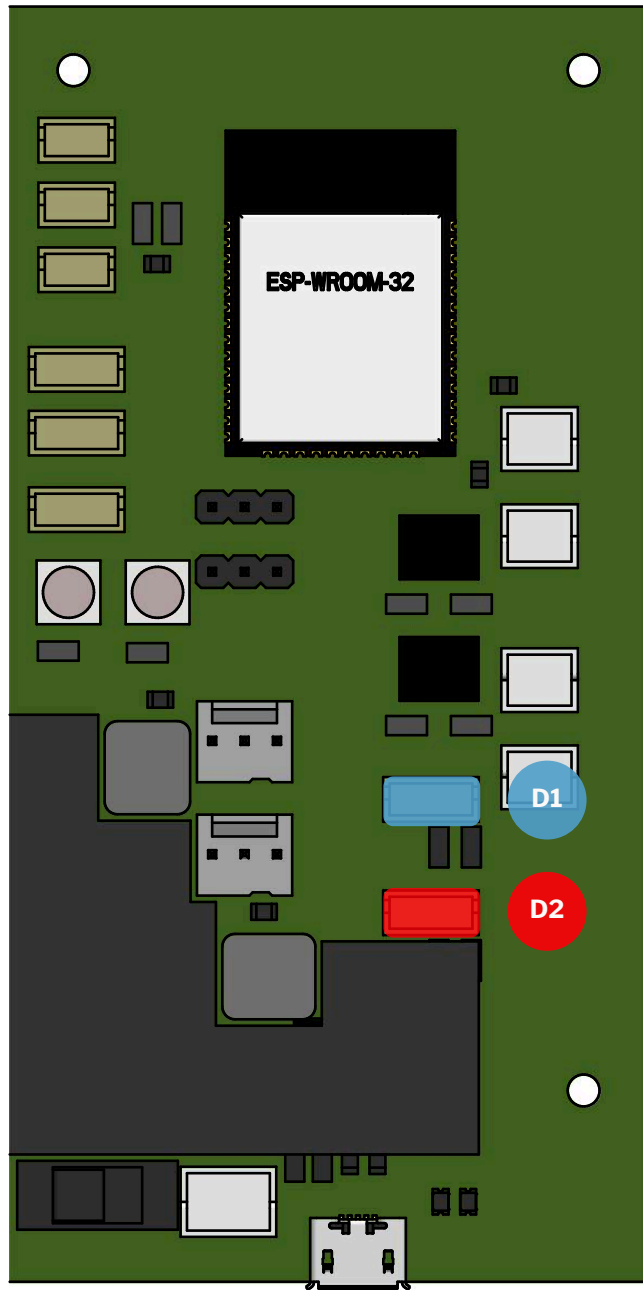
Programmable LEDs



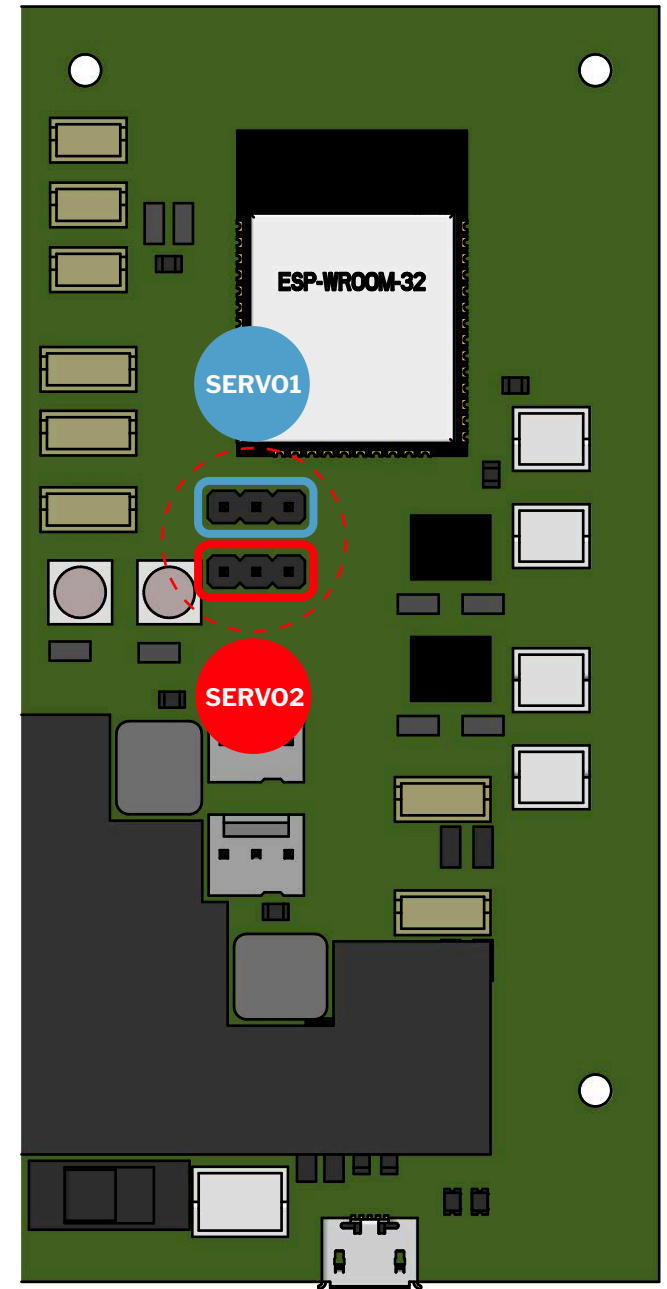
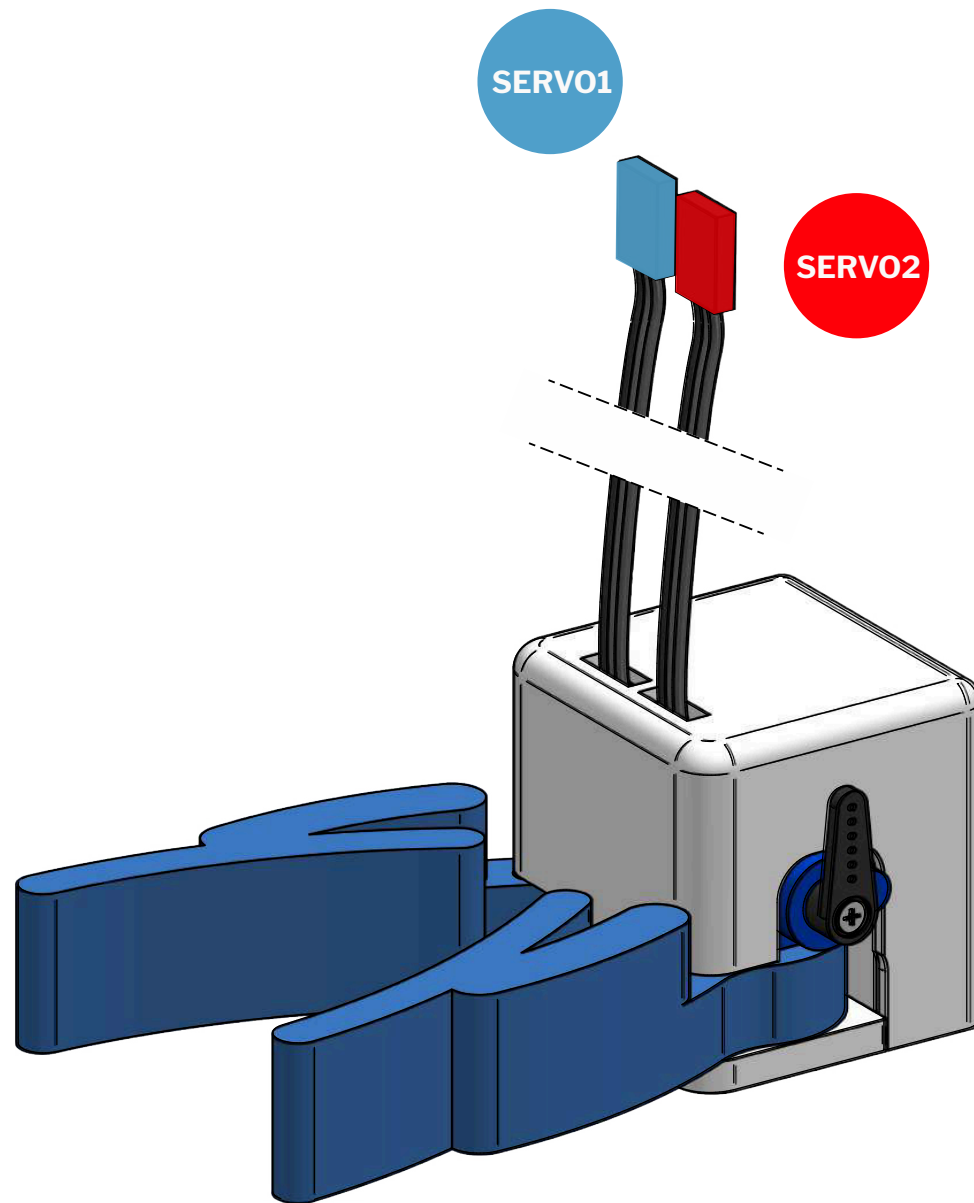
Contrast sensors



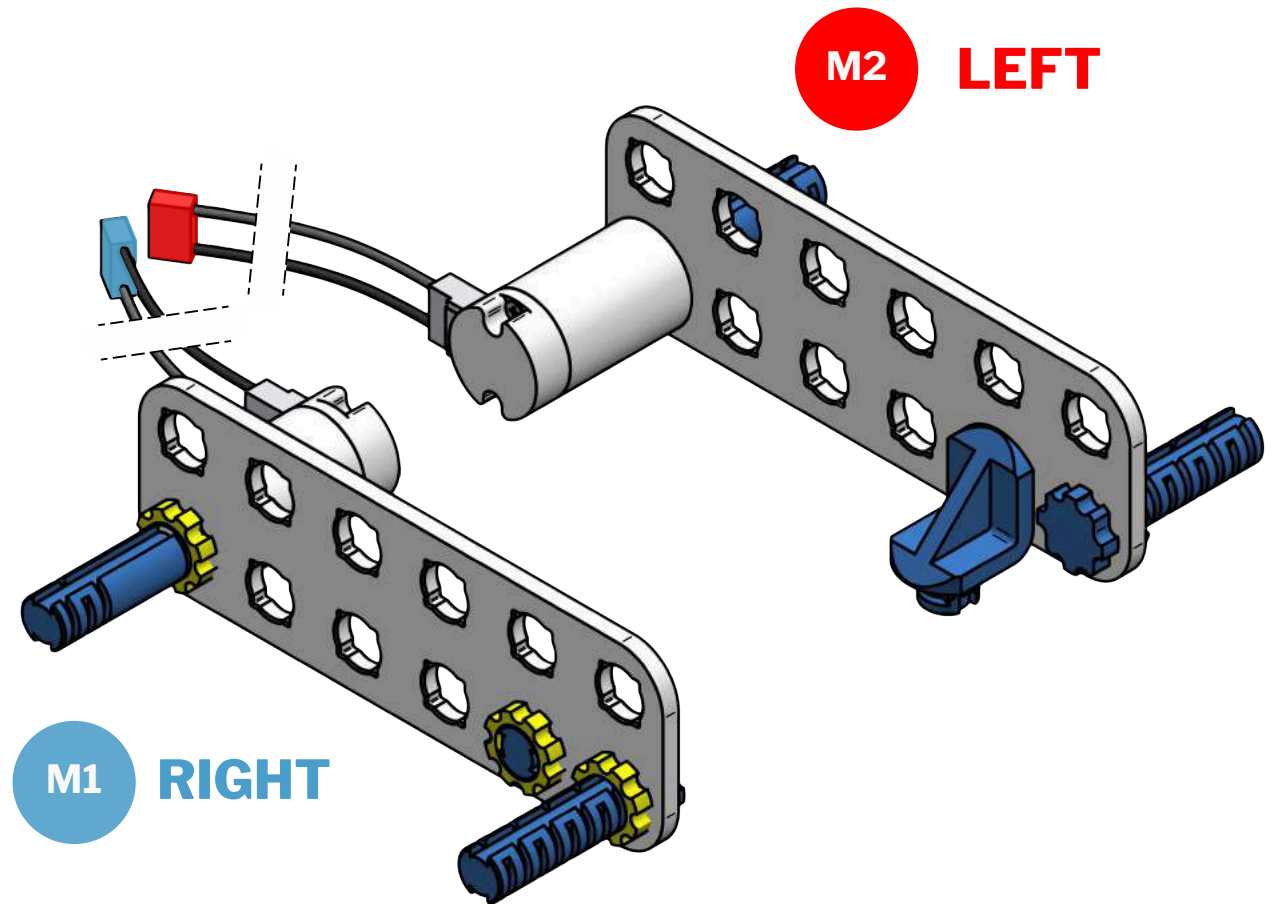
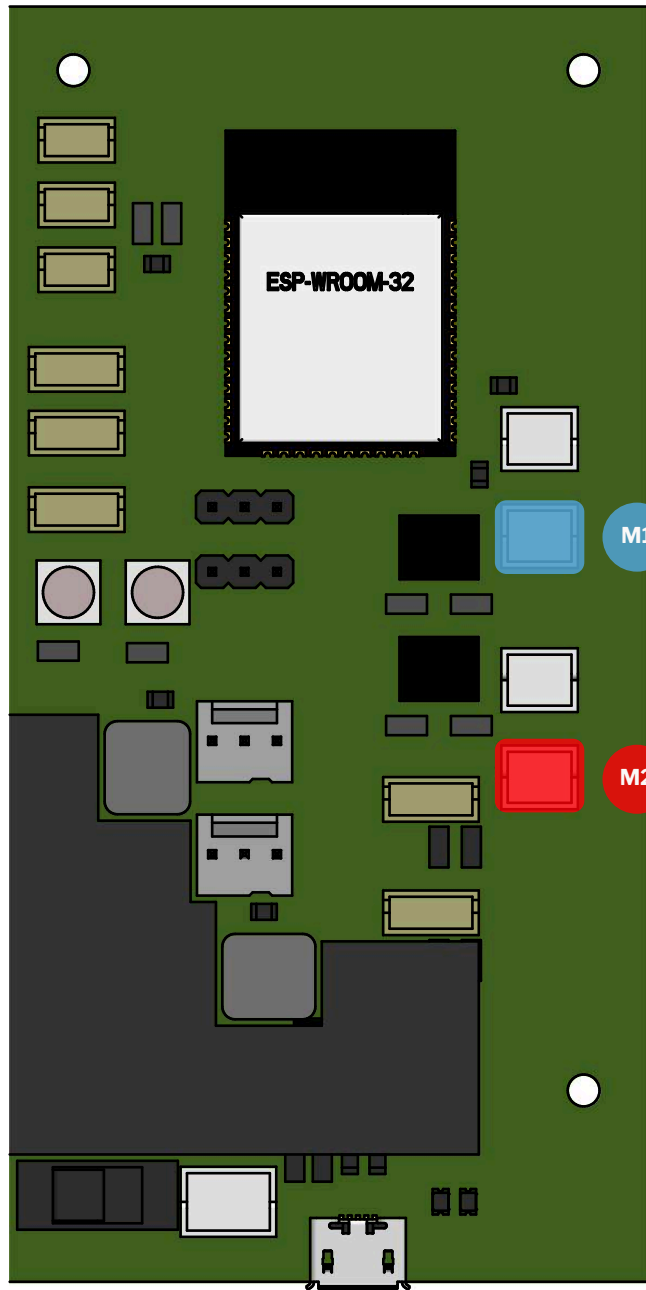
Distance sensors



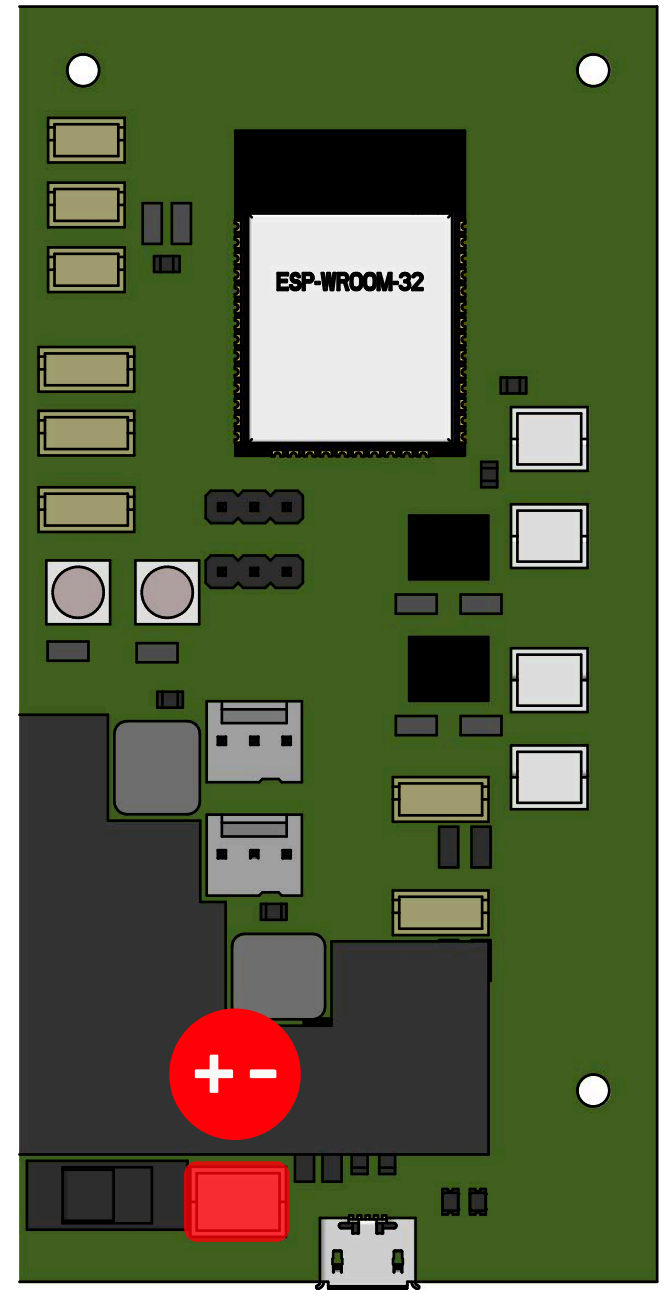
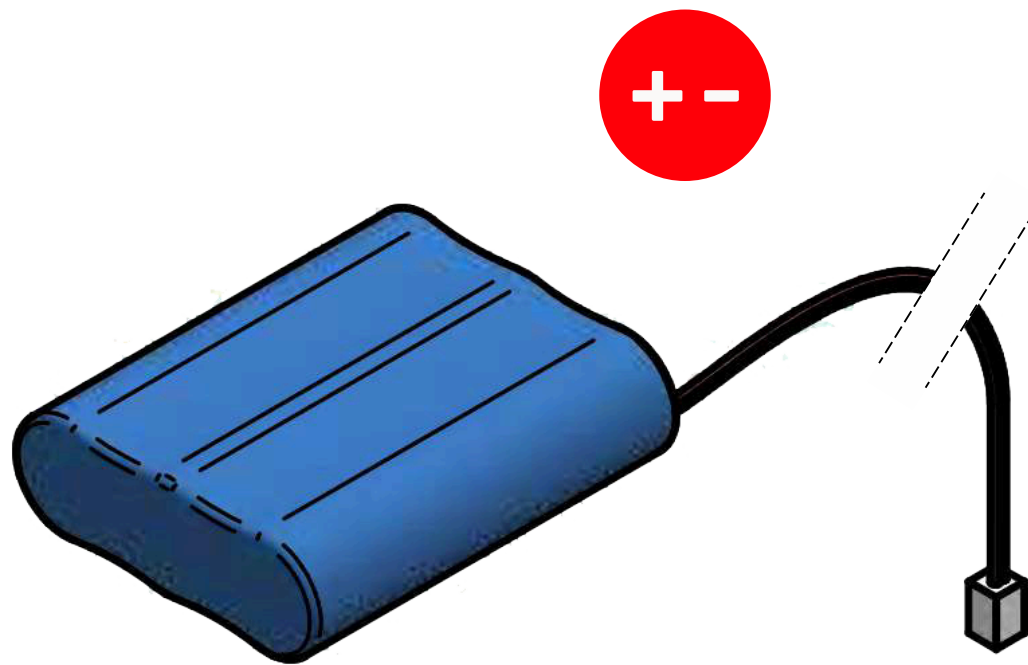
Gripper



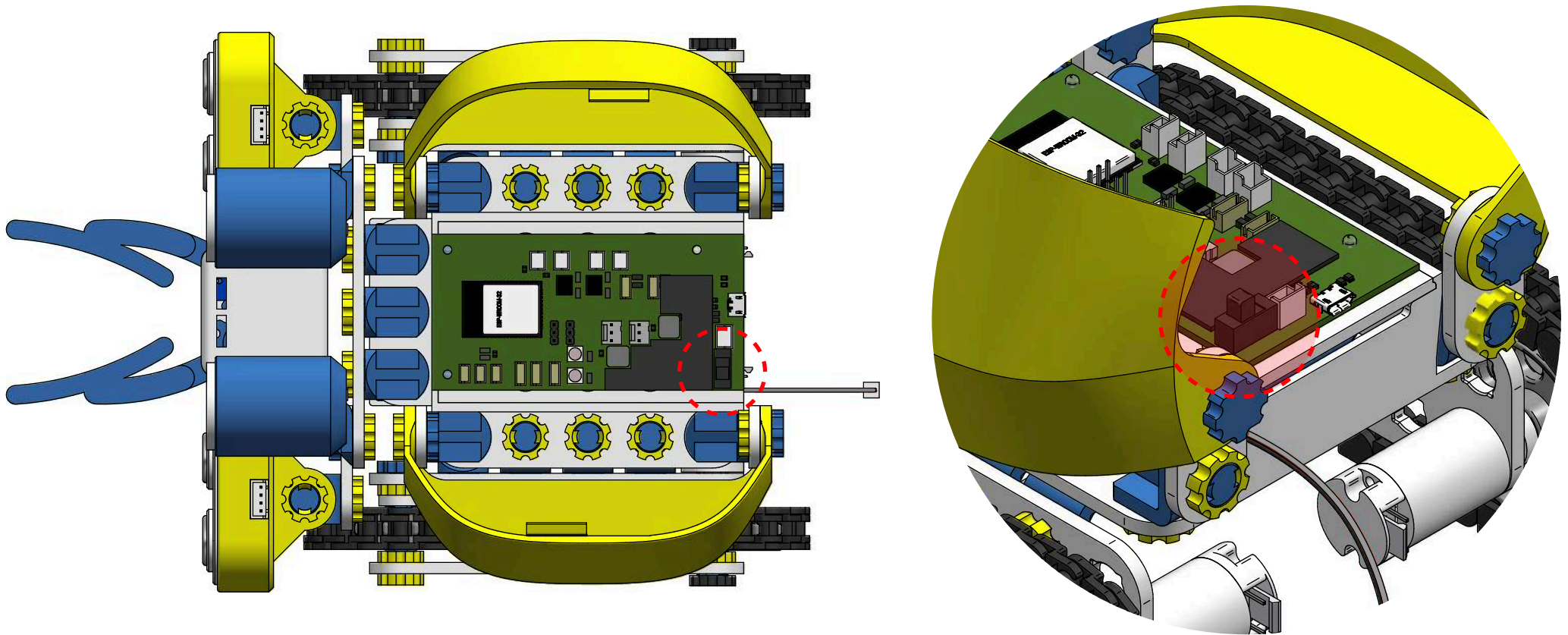
Motors



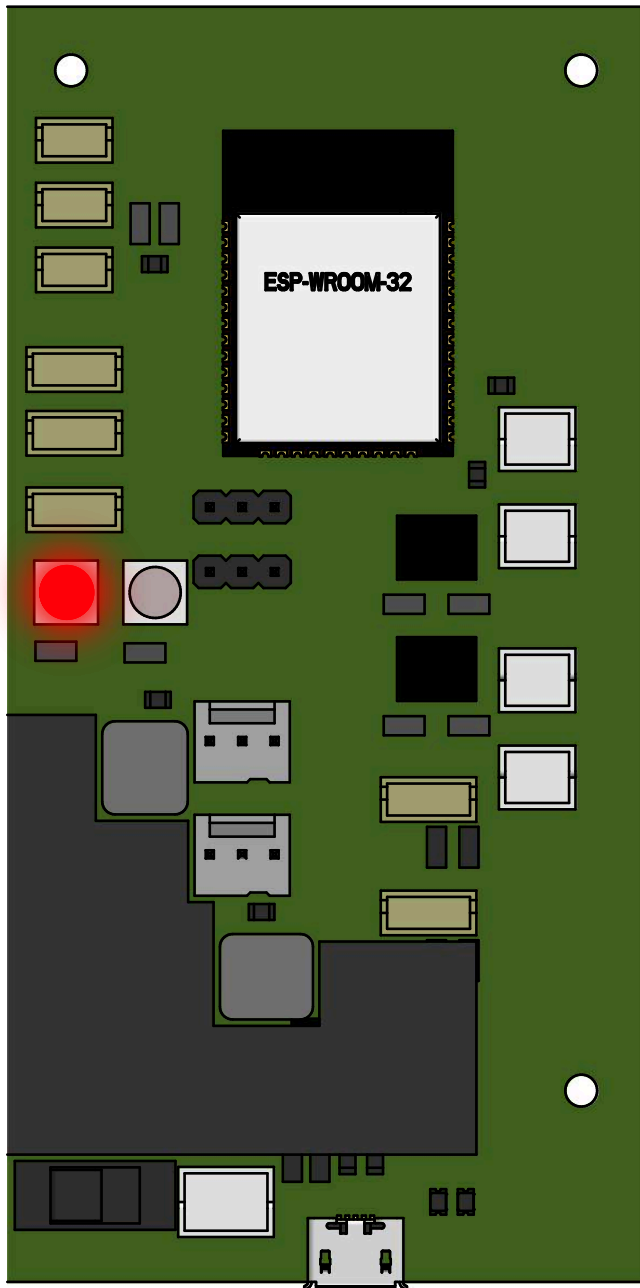
Battery



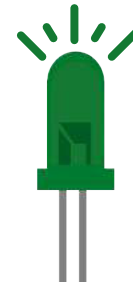
25 Turn on/off Skribot



After making sure that everything is connected correctly, turn on the Skribot with the toggle marked in the picture. Small diode next to the toggle will turn on, indicating that Skribot has a power supply.



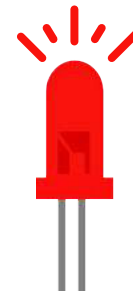
LED Battery



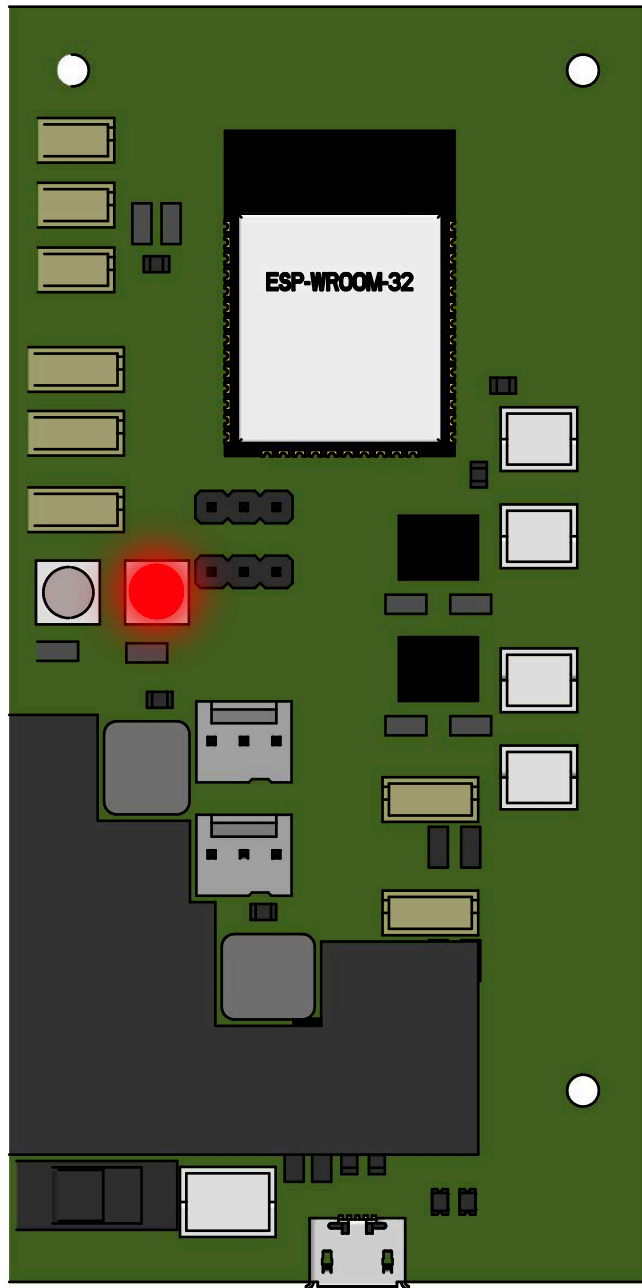
Battery charged



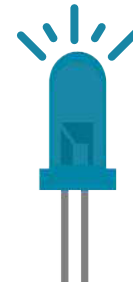
Charge the battery



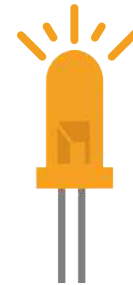
Battery critical! Charge the battery immediately or you risk damaging it.



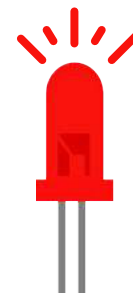
LED Bluetooth



Skribot paired



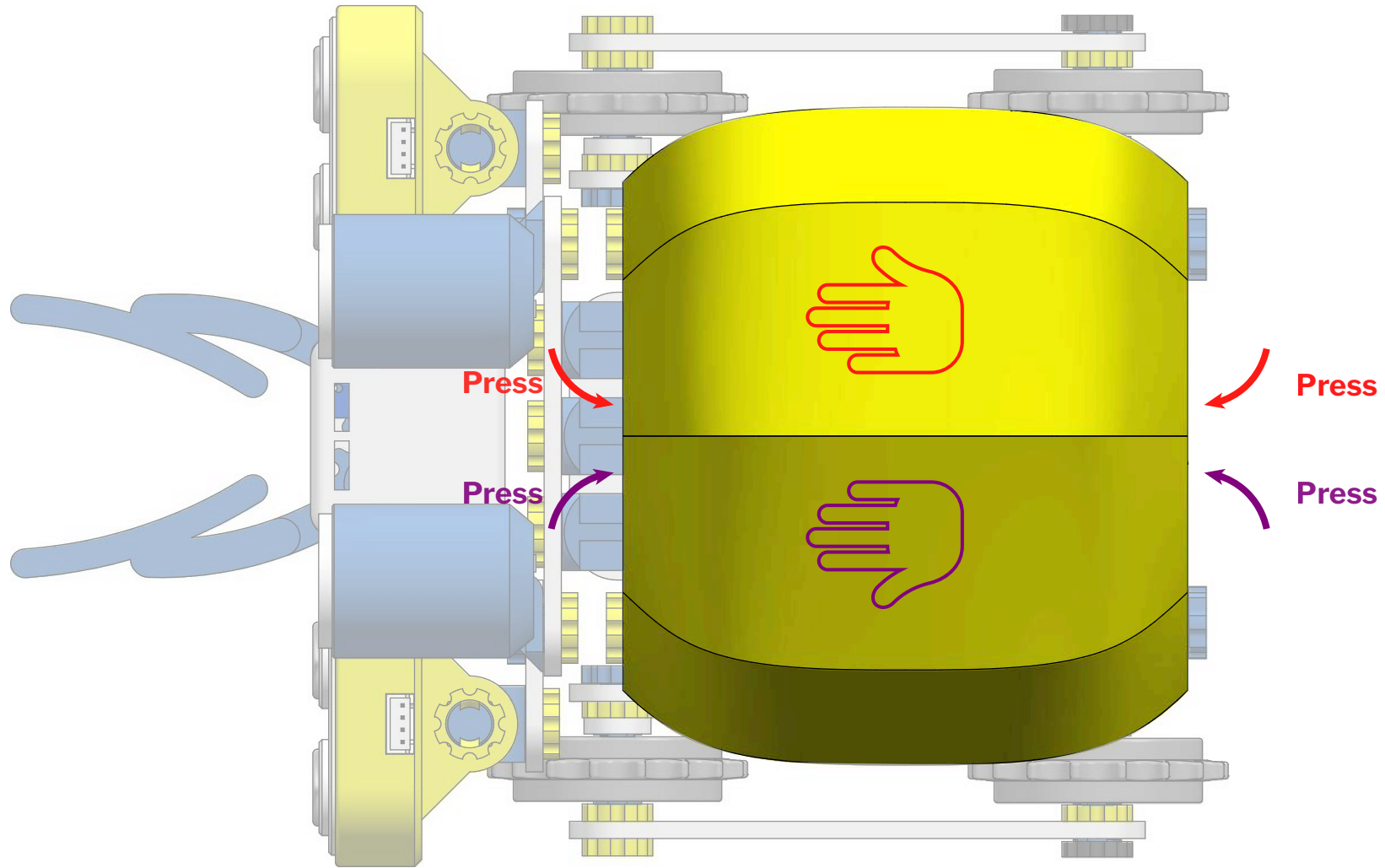
Skribot unpaired



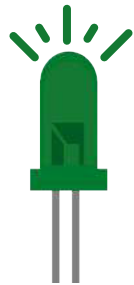
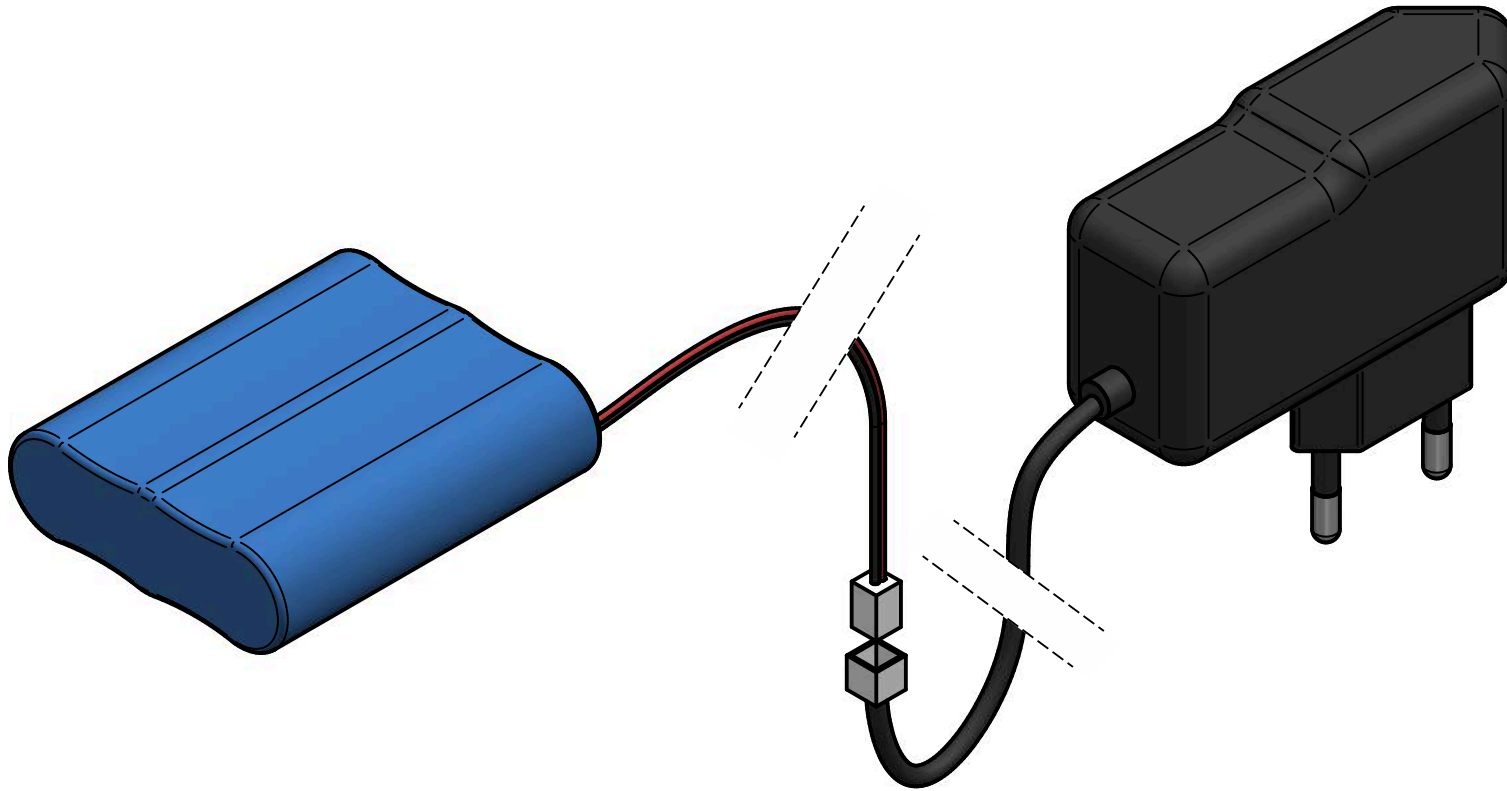
Communication error

Opening the shell

Be aware of the cables



LED Charger



Battery charged



Charging battery

Skribots App

Working with tablet or smartphone compatible with the wide range of iOS and Android devices, Skriware's mobile application allows you to control Skribot remotely and program it using an approachable, graphical interface.





SKRIWARE

