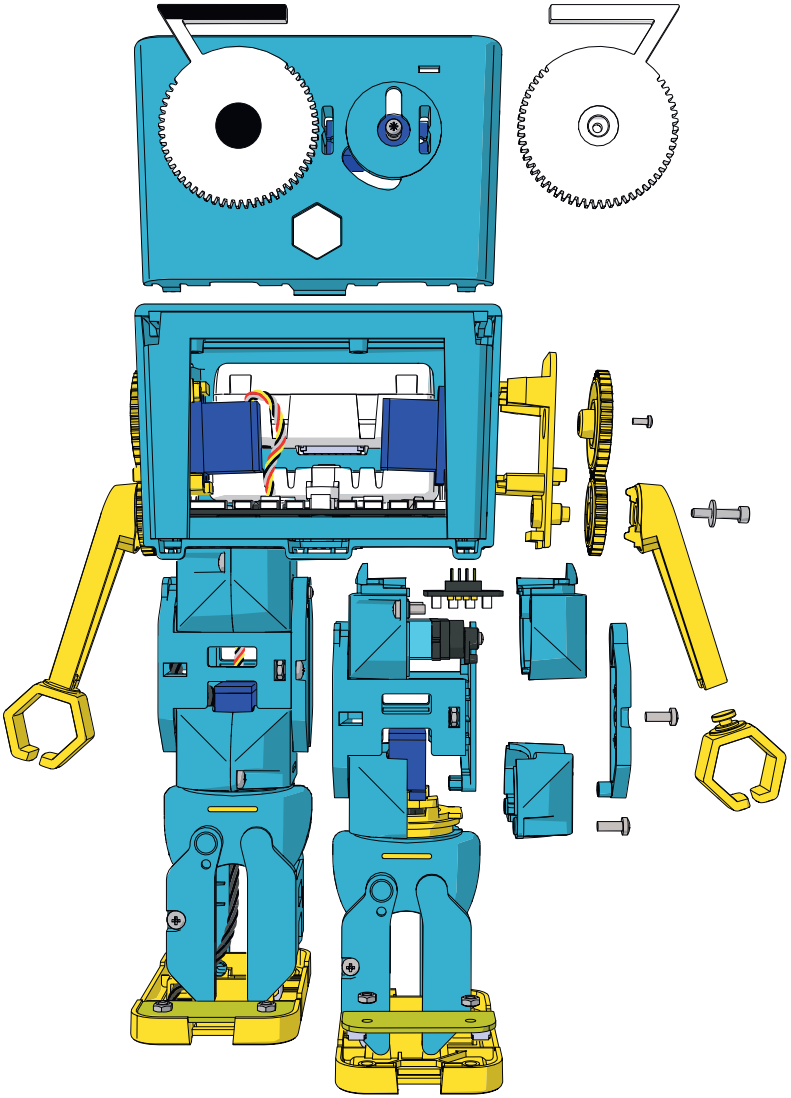


MARTY THE ROBOT

Build Guide

WHERE TO START!

Robot Kit - Step 1

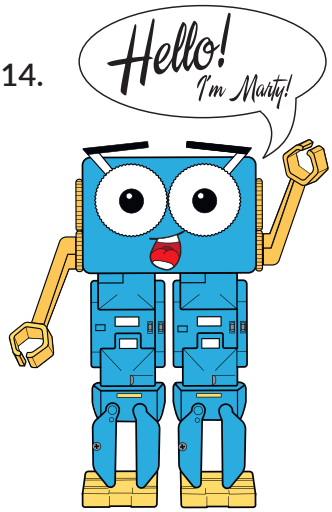
Partly-assembled Kit - Step 25

Assembled Robot - Ready to Code

TOP TIPS

- Get help from an adult if you're under 14.
- Pay attention to the part orientation.
- Try not to trap or squish the cables.
- Check you have all the parts.
- Be gentle with the motors.
- Do the steps in order.
- Have fun!

Top Tip: Use the Marty App or our online support for extra help & tips.



SCREW GUIDE

When you see an icon like this A use the SCREW GUIDE below to select the correct screw.

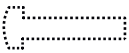
A *Size Guide*

Body Screw

C *Size Guide*

Shoulder/ Eye Screw

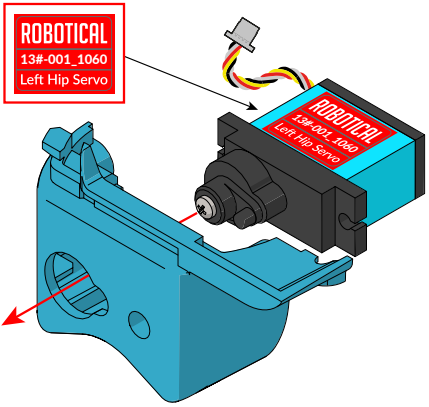
B *Size Guide*

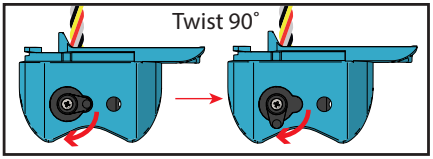


Arm Screw

1-L
LEFT LEG

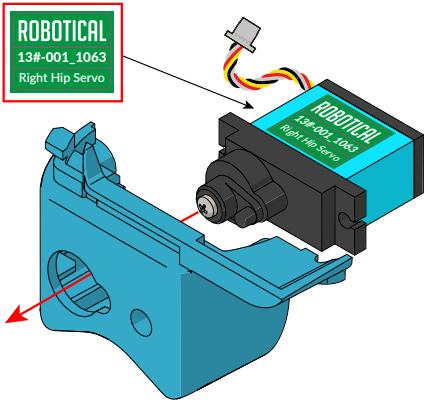
x 1 x 1

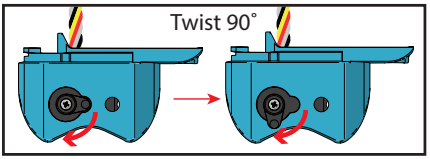




1-R
RIGHT LEG

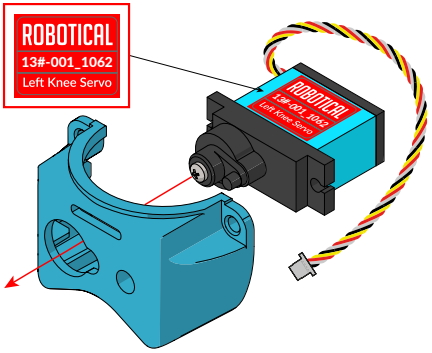
x 1 x 1

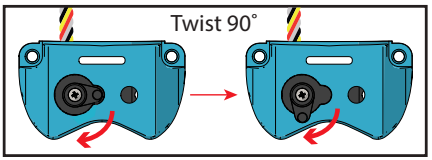




2-L
LEFT LEG

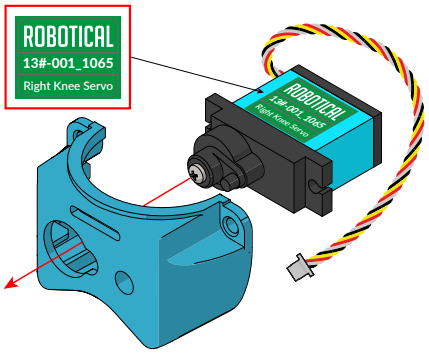
x 1 x 1

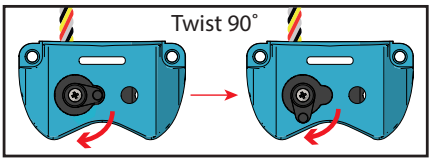




2-R
RIGHT LEG

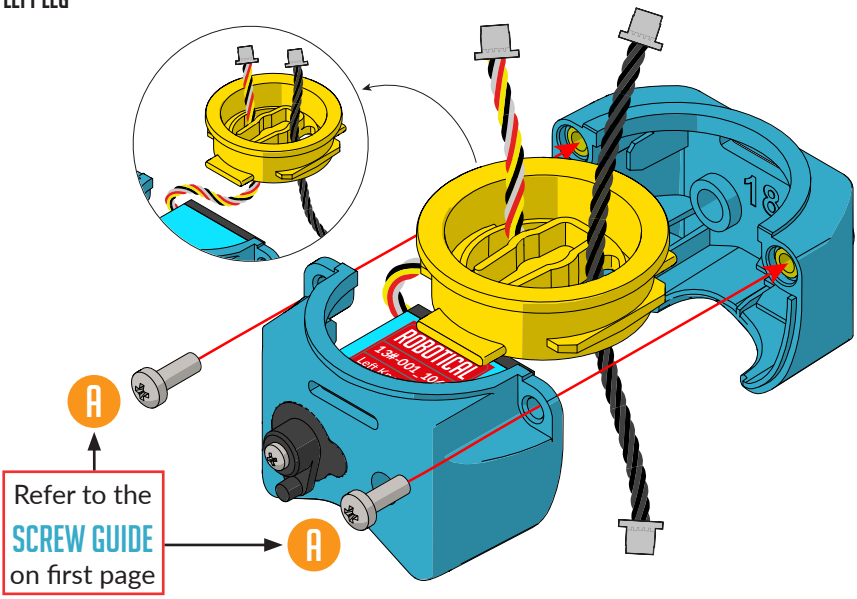
x 1 x 1





3-L
LEFT LEG

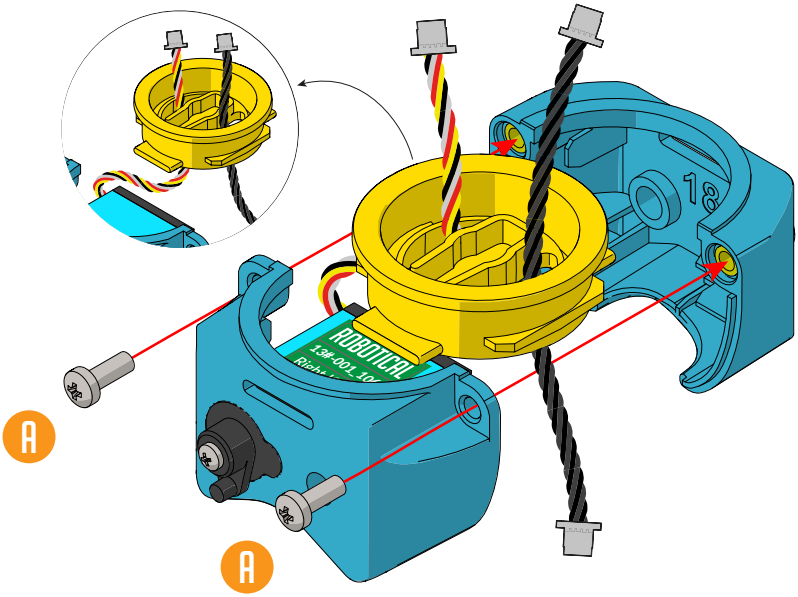
x 1 x 1 x 1 x 1



Refer to the **SCREW GUIDE** on first page

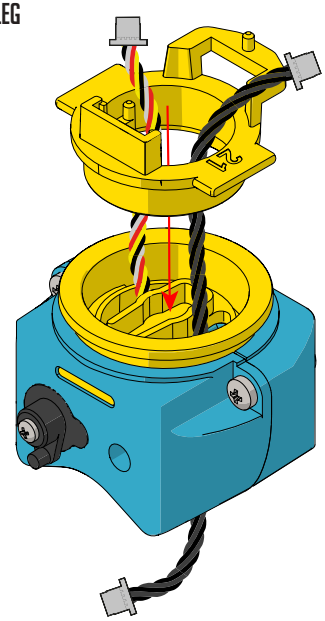
3-R
RIGHT LEG

x 1 x 1 x 1 x 1



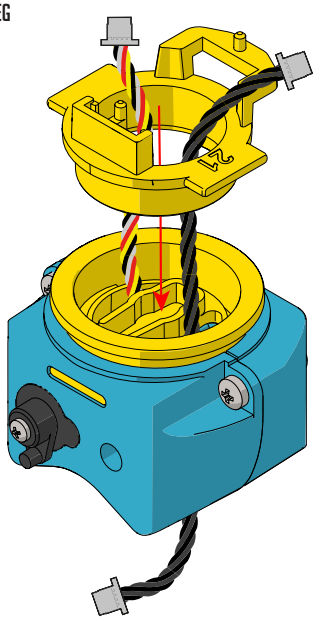
4-L
LEFT LEG

x 1 x 1



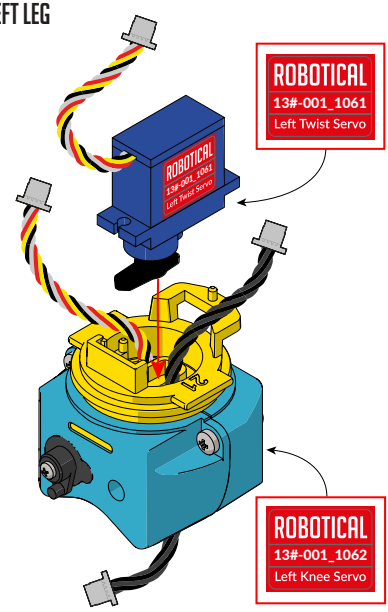
4-R
RIGHT LEG

x 1 x 1



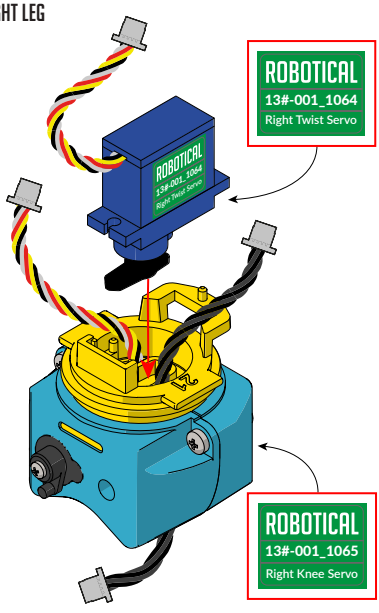
5-L
LEFT LEG

x 1 x 1



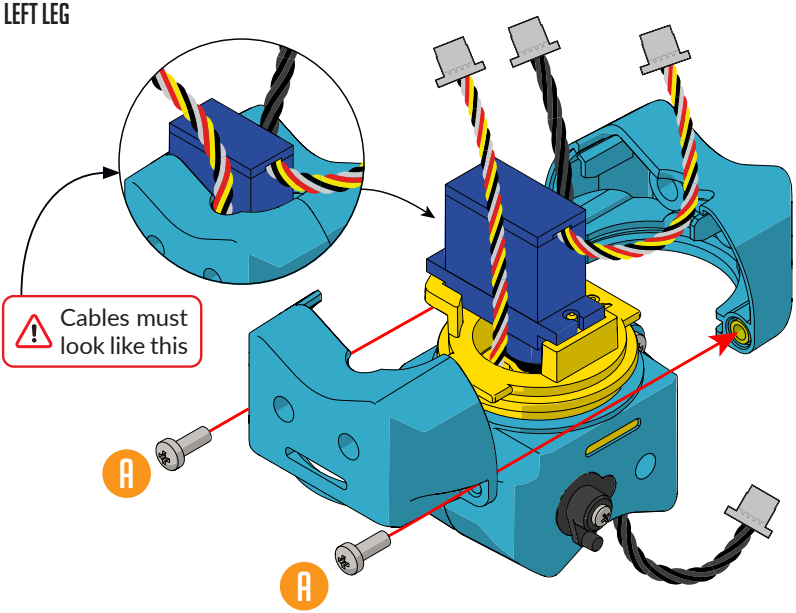
5-R
RIGHT LEG

x 1 x 1



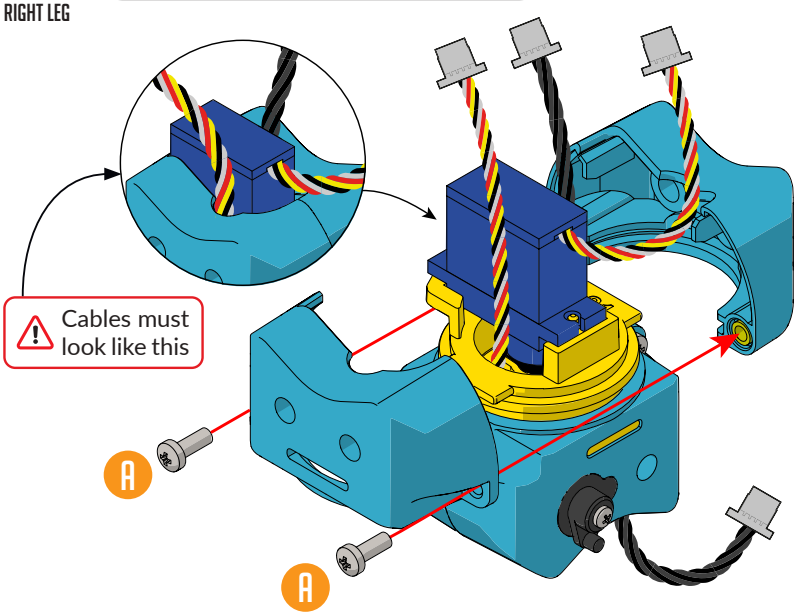
6-L
LEFT LEG

x 1 x 1 x 1



6-R
RIGHT LEG

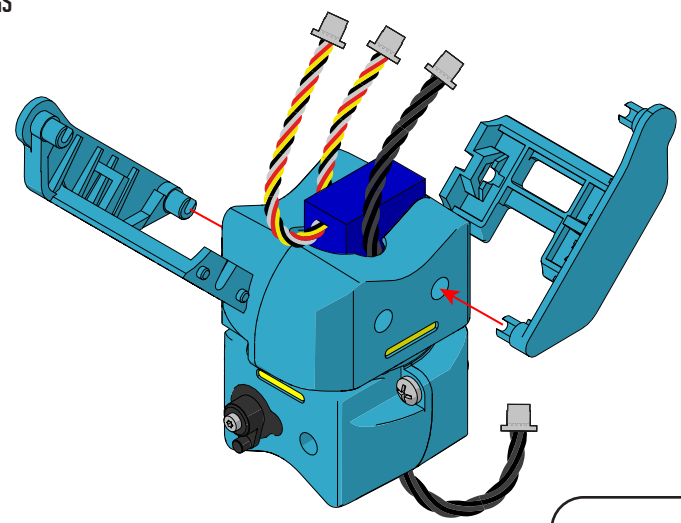
x 1 x 1 x 1



7

x 2 x 4

BOTH LEGS

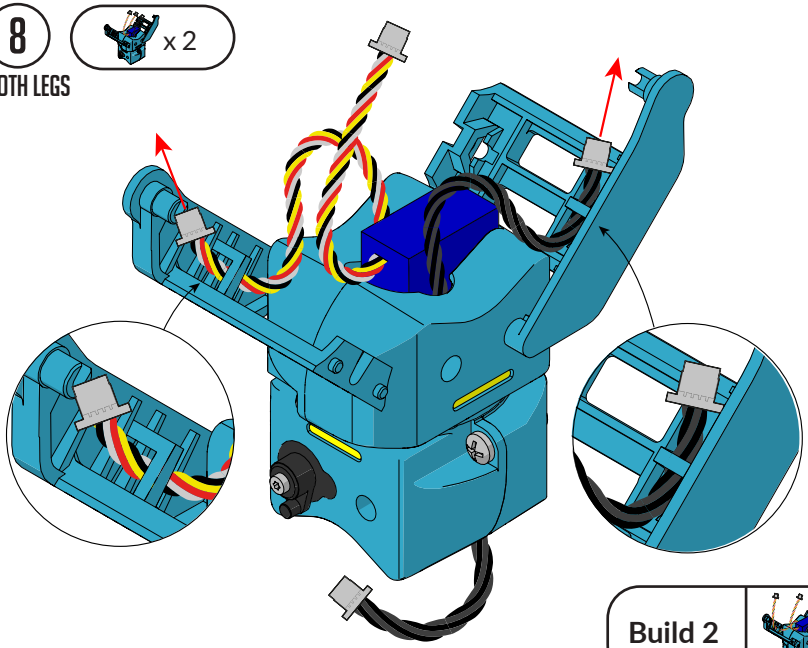


Build 2

8

x 2

BOTH LEGS

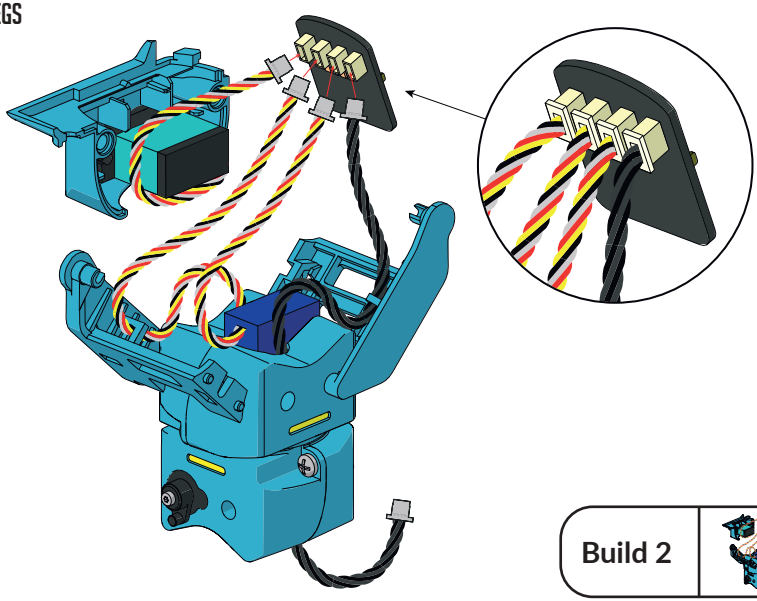


Build 2

9

BOTH LEGS

x 2 x 2 x 2

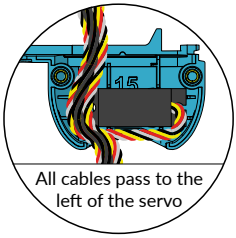


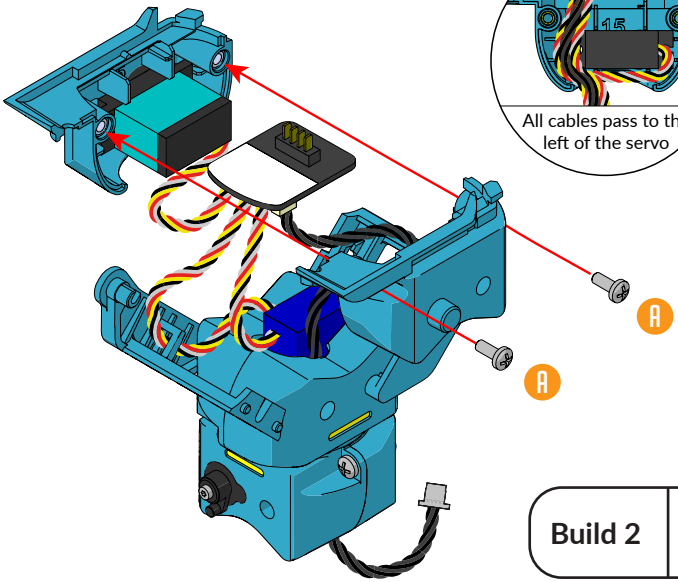
Build 2

10

BOTH LEGS

x 2 x 2



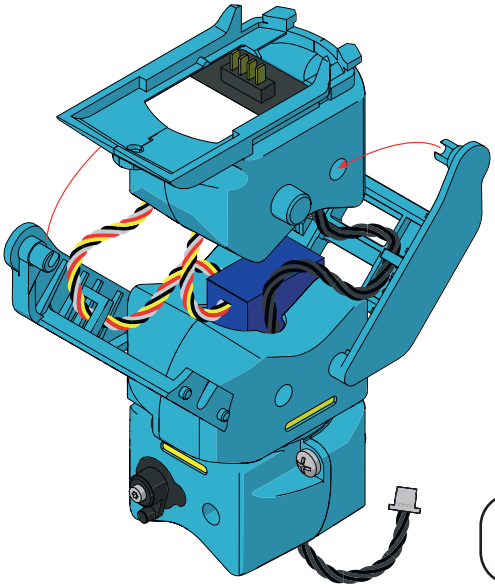


Build 2

11

x 2

BOTH LEGS

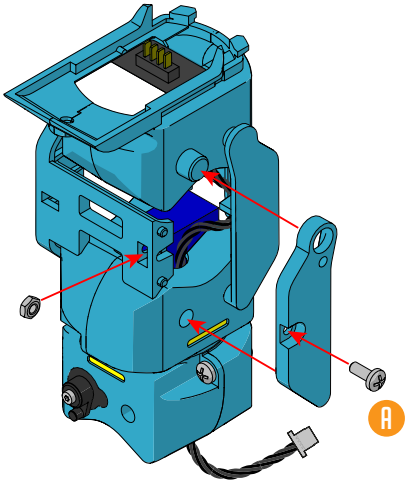


Build 2

12

x 2 x 2

BOTH LEGS



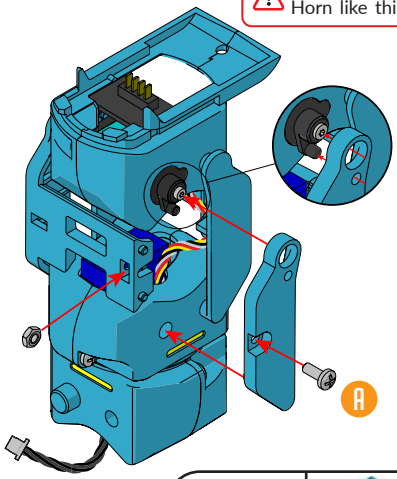
Build 2

13

x 2 x 2

BOTH LEGS

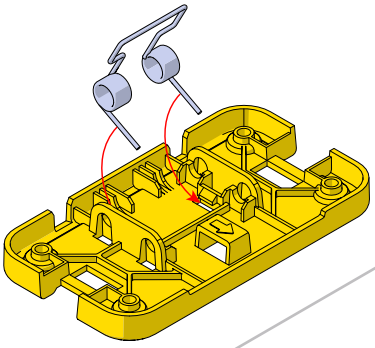
Engage Servo Horn like this

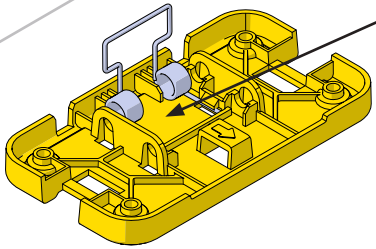


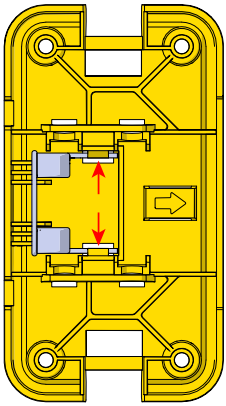
Build 2

14

x 2 x 2

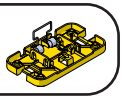






After assembly, secure the spring legs under the lips.

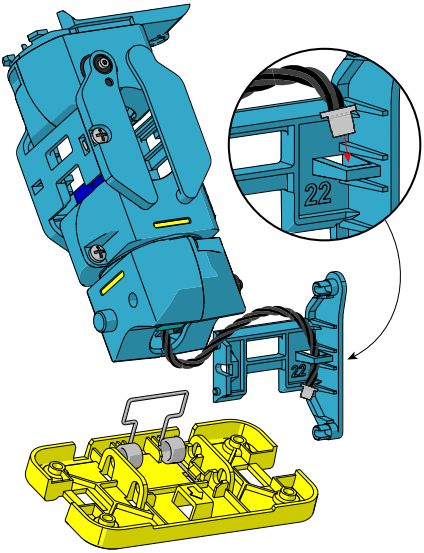
Build 2 feet



15

LEFT LEG

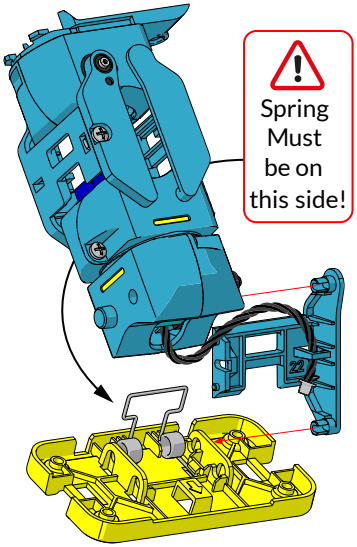
x 1 x 1 x 1



16

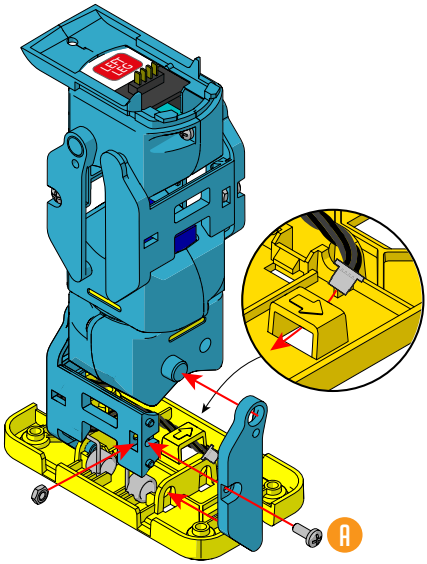
LEFT LEG

x 1



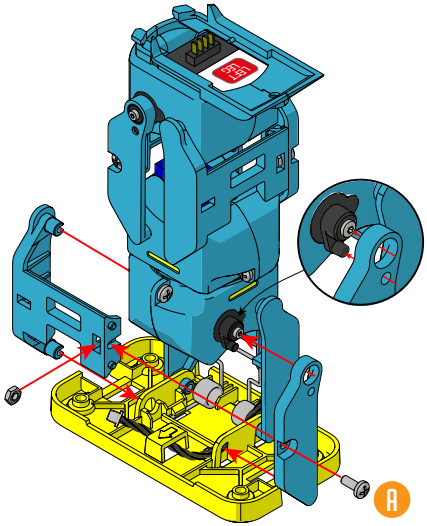
17
LEFT LEG

x 1 x 1



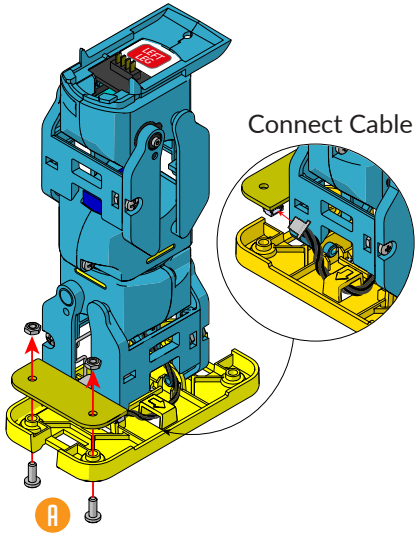
18
LEFT LEG

x 1 x 1 x 1



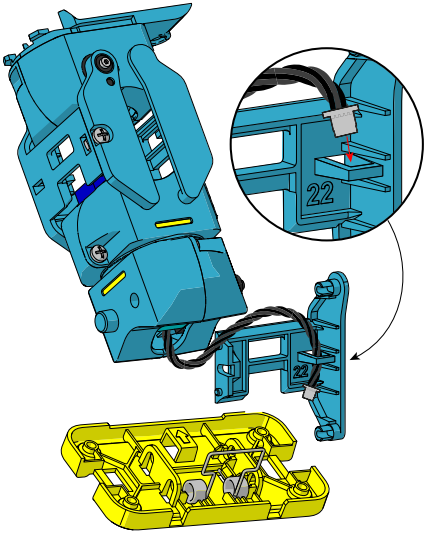
19
LEFT LEG

x 1 x 1



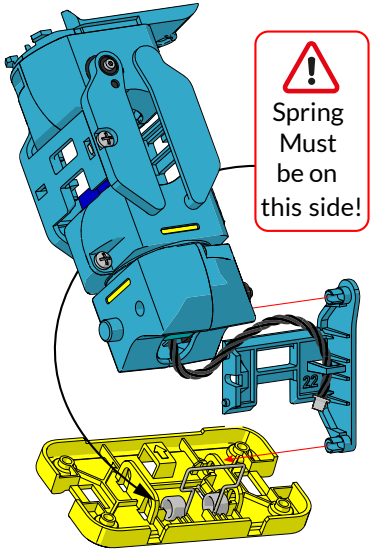
20
RIGHT LEG

x 1 x 1 x 1



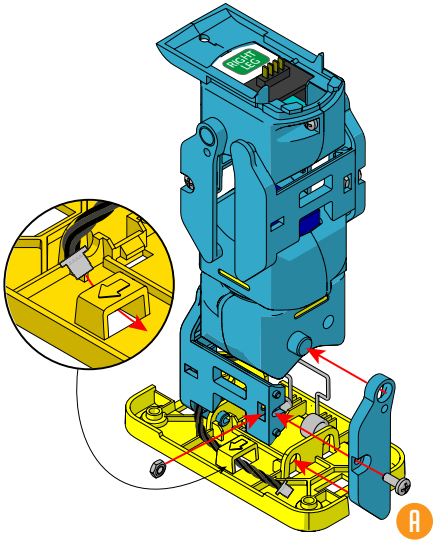
21
RIGHT LEG

x 1



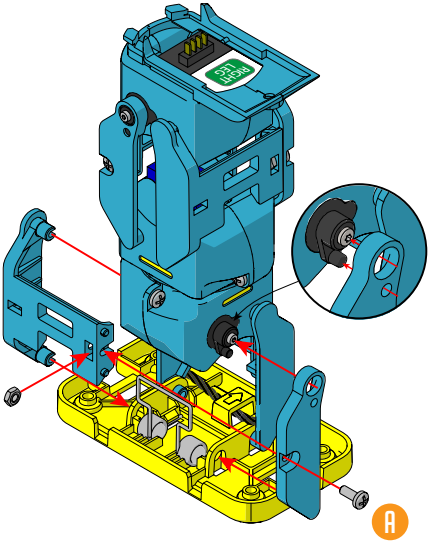
22
RIGHT LEG

x 1 x 1



23
RIGHT LEG

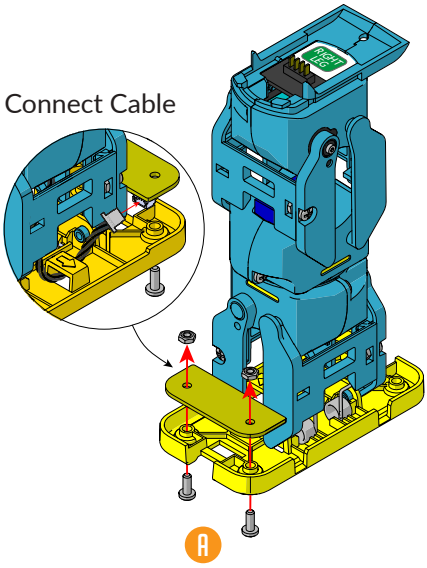
x 1 x 1 x 1



24
RIGHT LEG

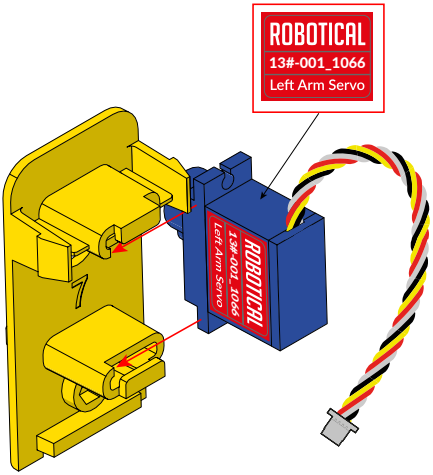
x 1 x 1

Connect Cable



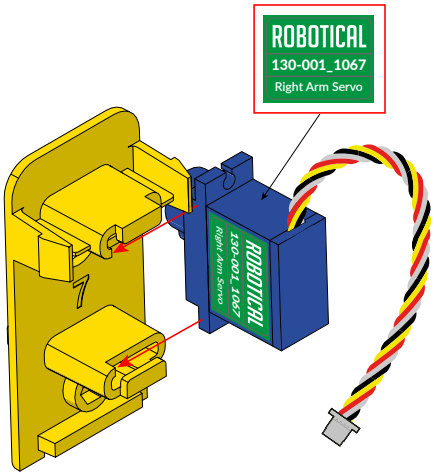
25-L
LEFT ARM

x 1 x 1



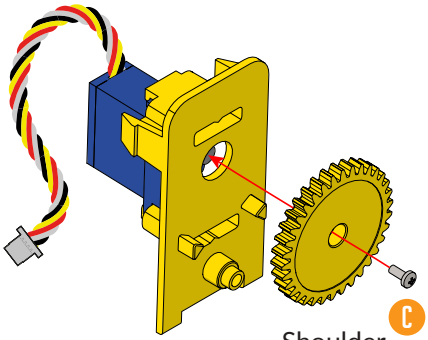
25-R
RIGHT ARM

x 1 x 1



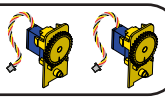
26

x 2 x 2



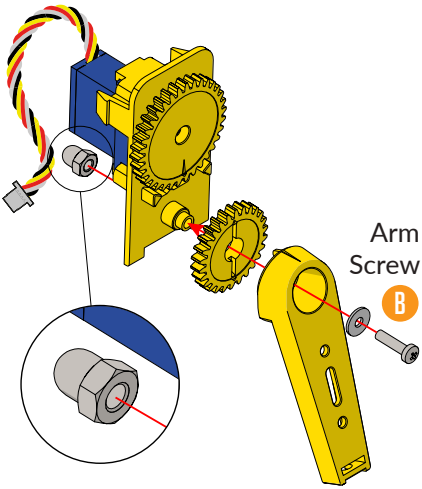
Refer to the SCREW GUIDE on first page

Build both arms

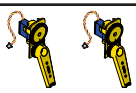


27

x 2 x 2 x 2

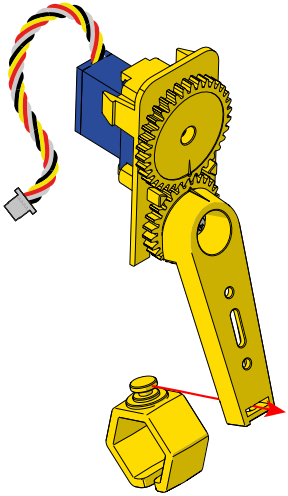


Build both arms

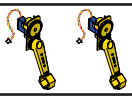


28

x 2 x 2

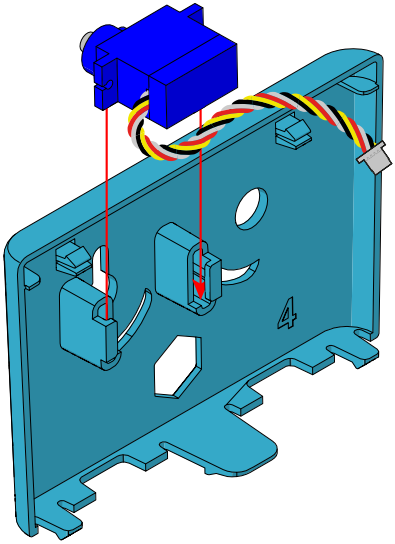


Build both arms



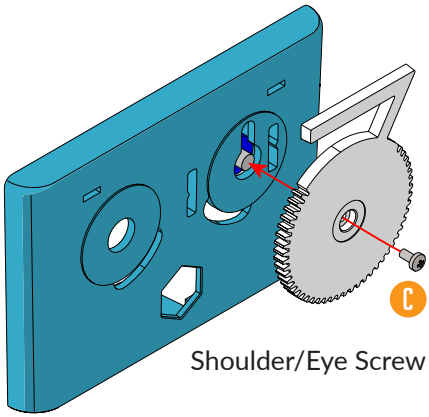
29

x 1 x 1



30

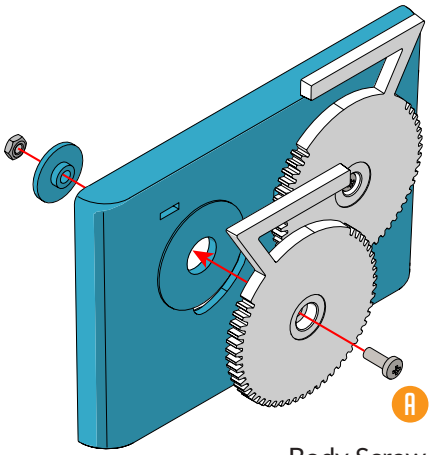
x 1 x 1



Shoulder/Eye Screw

31

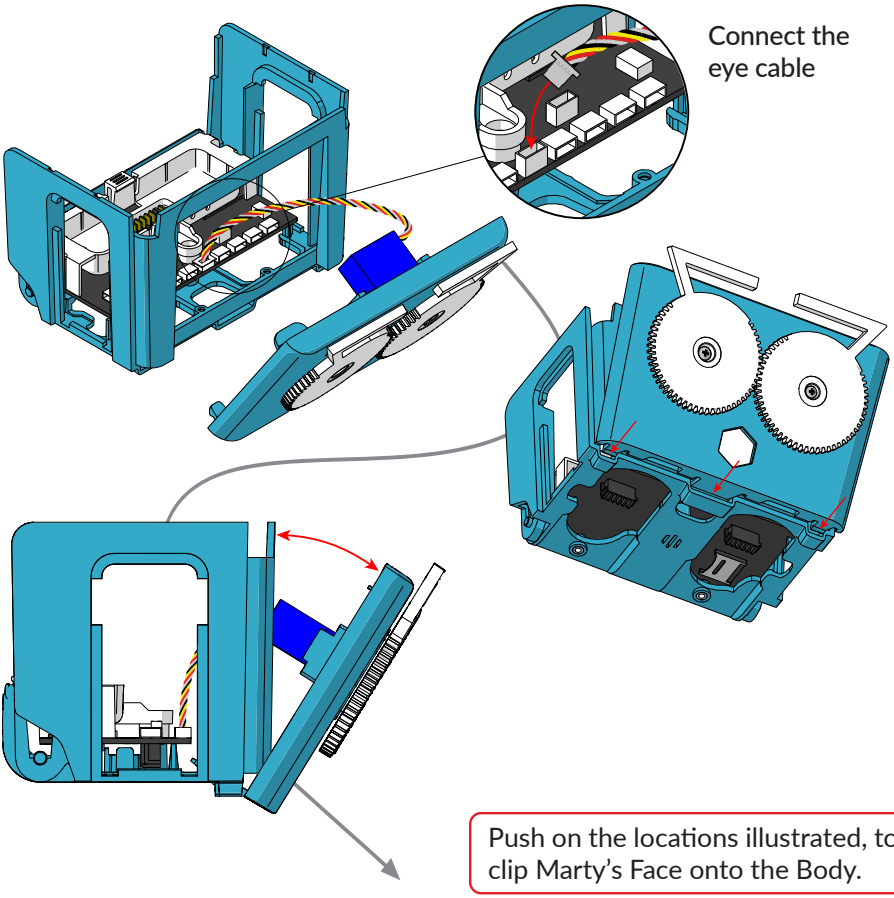
x 1 x 1 x 1



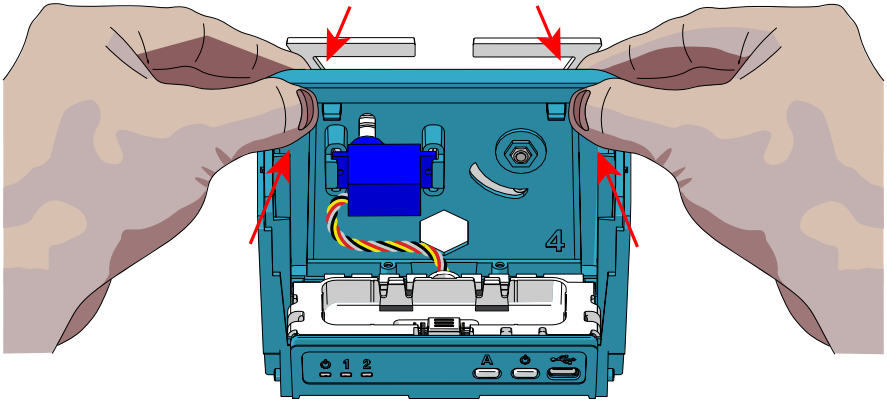
Body Screw

32

x 1 x 1



Push on the locations illustrated, to clip Marty's Face onto the Body.

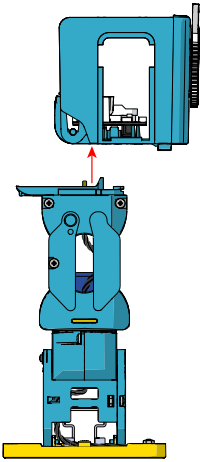


33

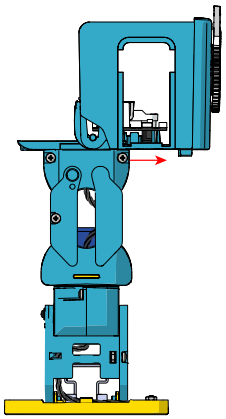
x 1 x 1

ATTACH RIGHT LEG TO THE BODY

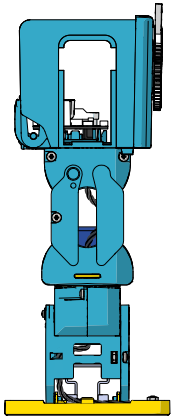
RIGHT LEG



Step 1

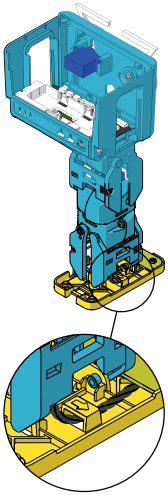


Step 2



Step 3

Attached the leg as illustrated below. Pay attention to the position of the cable to highlight orientation.

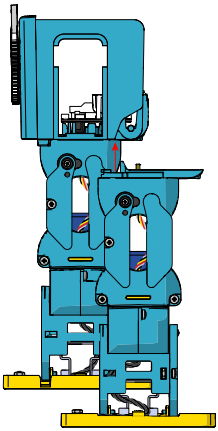


34

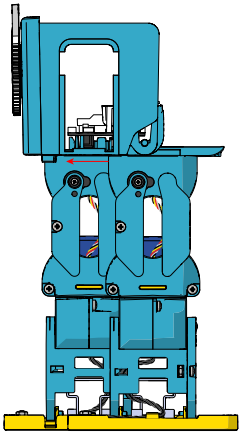
x 1 x 1

ATTACH LEFT LEG TO THE BODY

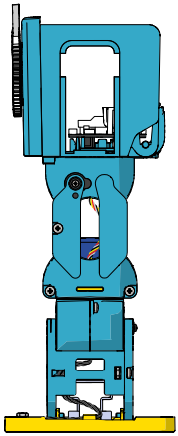
LEFT LEG



Step 1

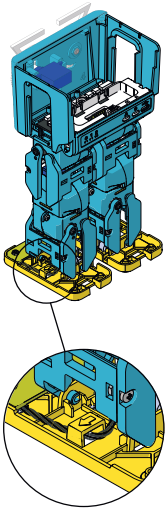


Step 2



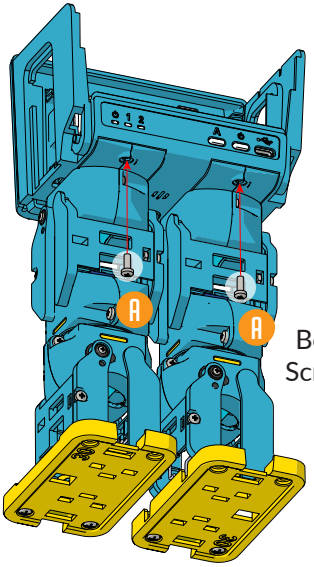
Step 3

Attached the leg as illustrated below. Pay attention to the position of the cable to highlight orientation.



35

x 1

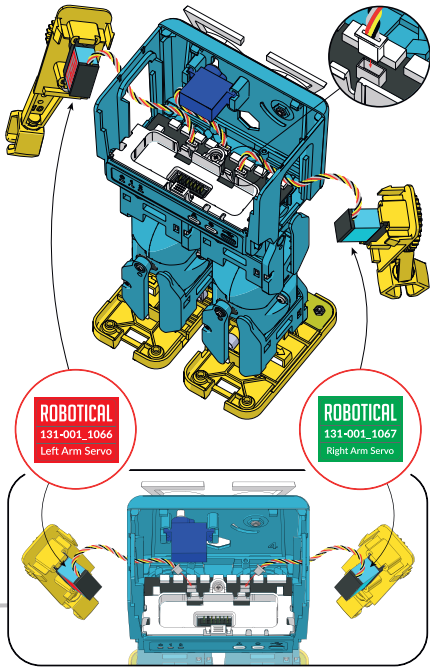


Body Screw

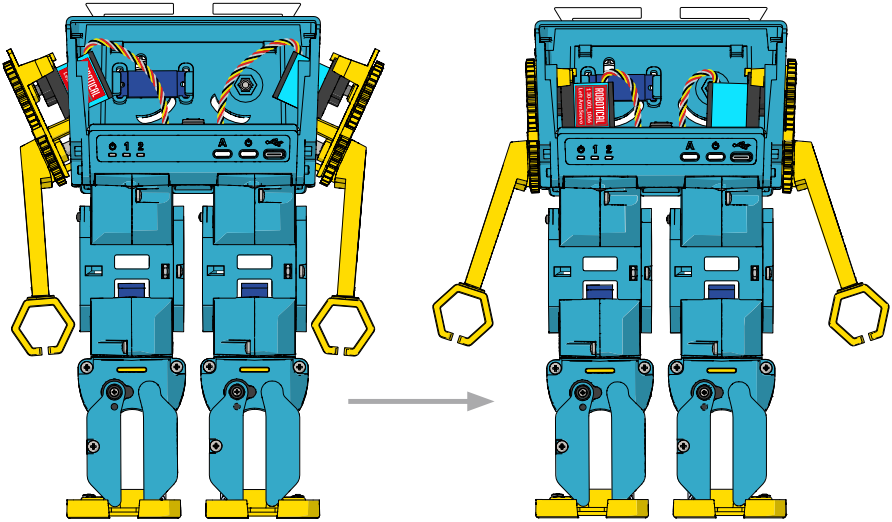
36

x 1 x 1 x 1

CONNECT THE ARM CABLES

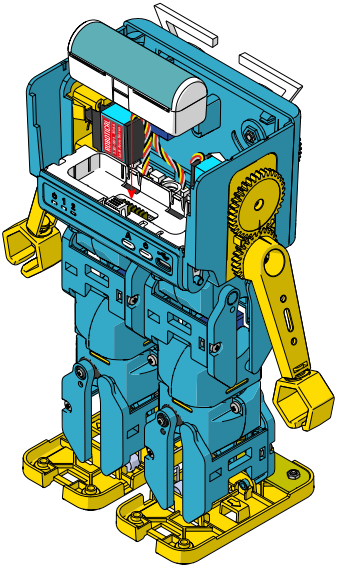


Clip the arms into the body



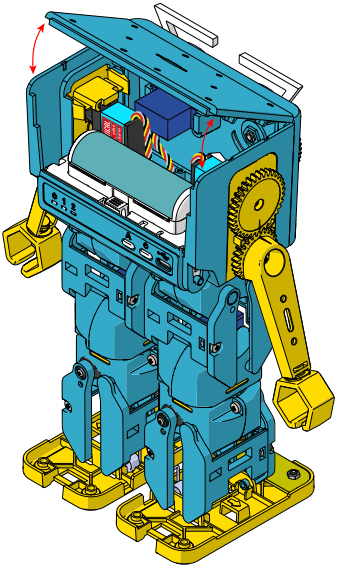
37

x 1 x 1



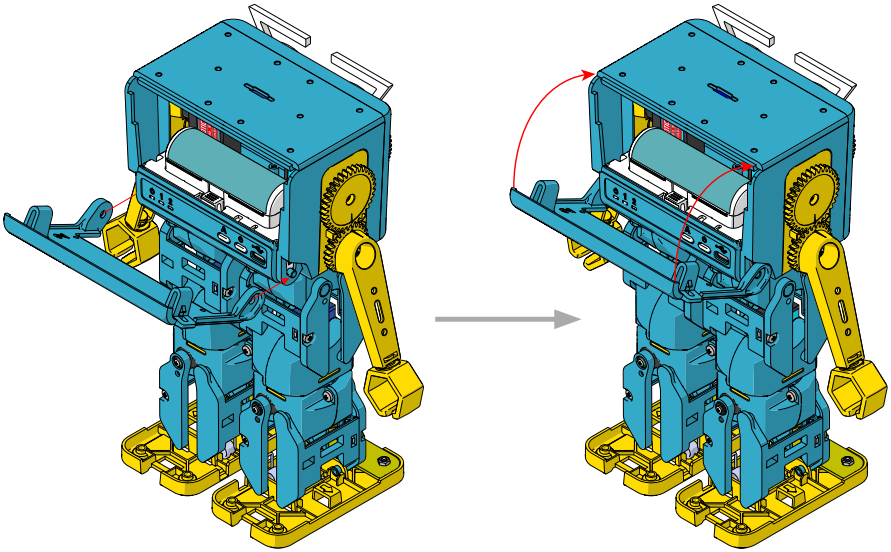
38

x 1 x 1



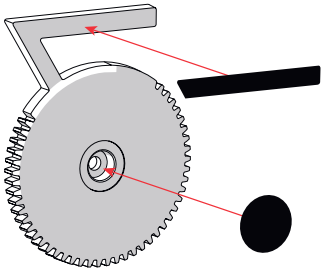
39

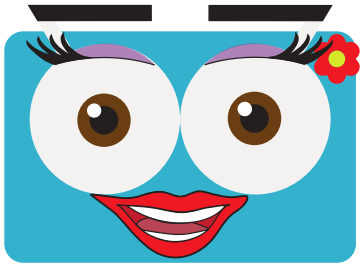
x 1 x 1

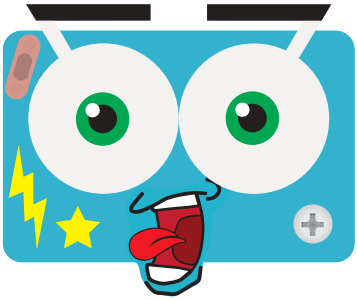


40 x 1 Sticker Sheet

Personalise your Marty!







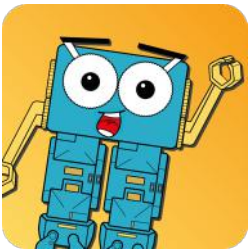
NEXT STEPS

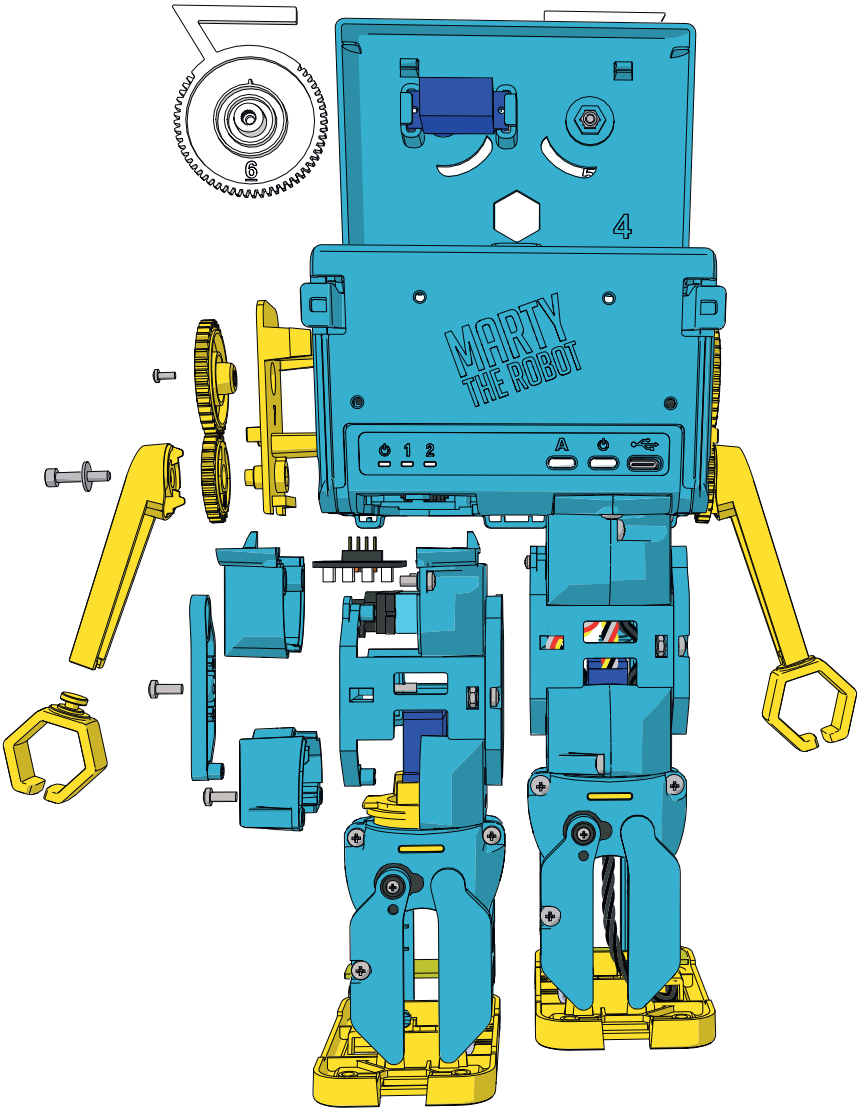
You have now finished building your Marty

To set-up your Marty and start coding, download the Marty the Robot V2 App and follow the on screen instructions

ANDROID APP ON Google play

Available on the App Store





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