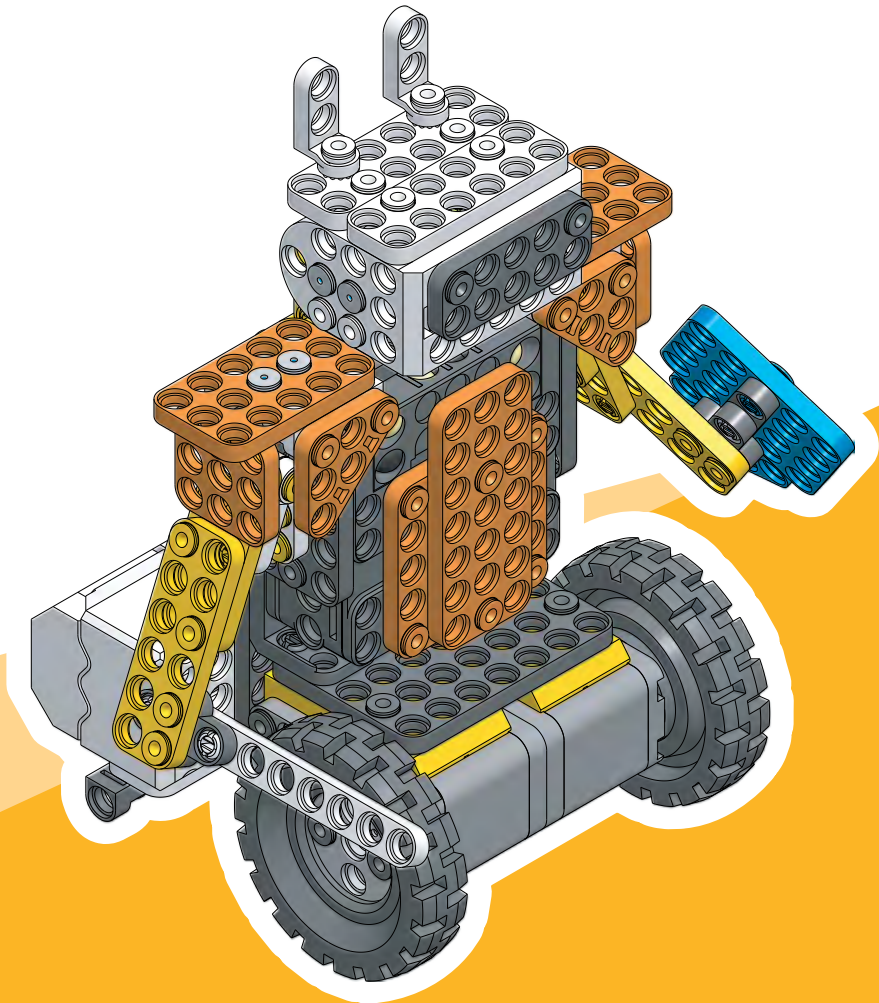


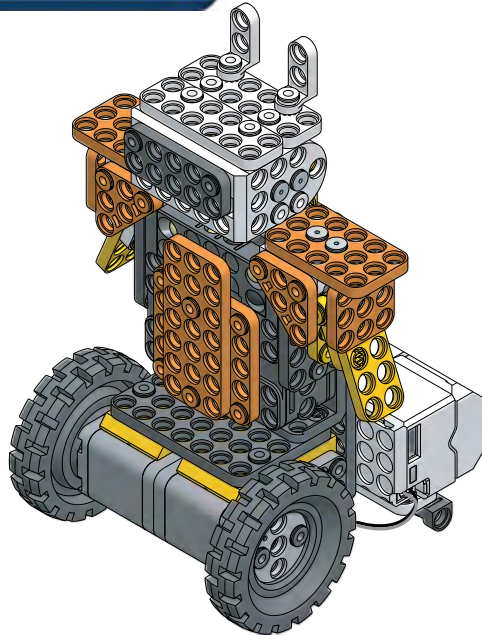


Avoider

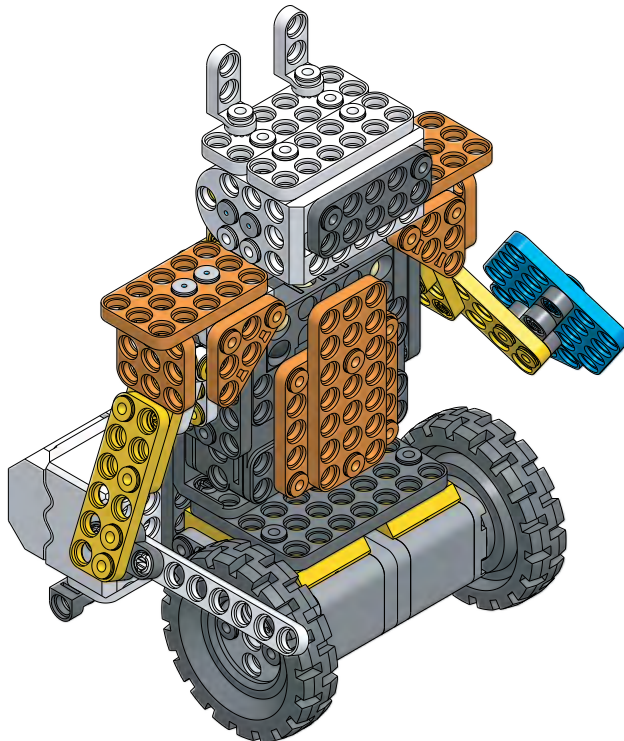


Let's build!

Let's build a robot.



Below is the final image of the robot when you are done with assembling the "My Own Robot" step.

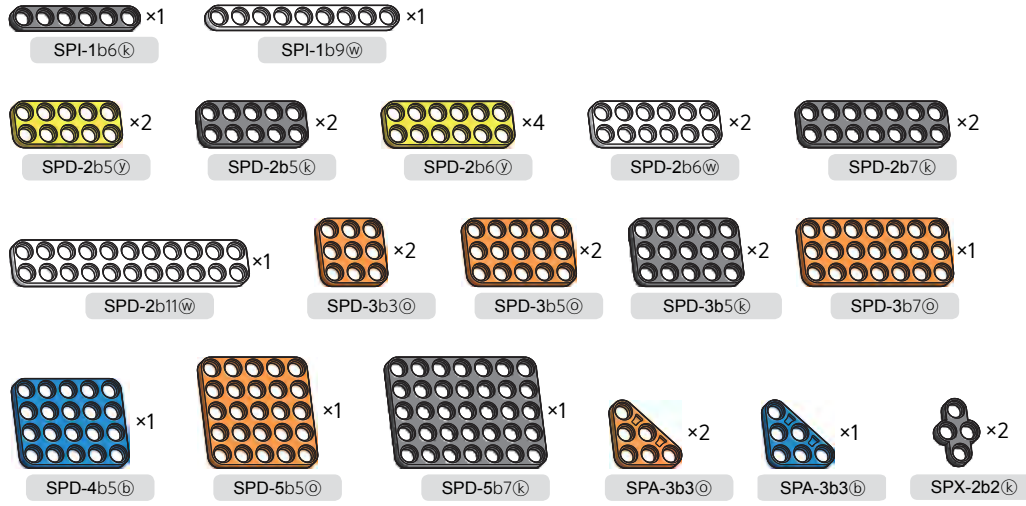


You will require the following parts.

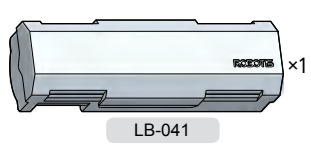
Rivet



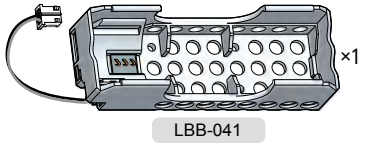
Plate



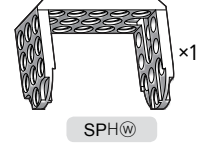
Battery



Battery box



Hinge



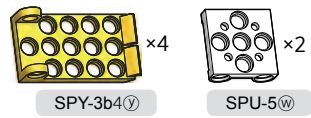
Geared motor



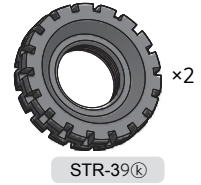
Controller



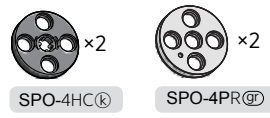
Adaptor



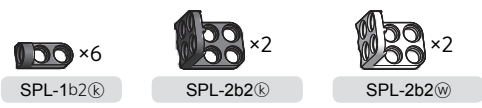
Tire



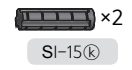
Pulley



Bracket



Spindle



Joint



• Parts and color of the products might be different from the images of the assembly manual.

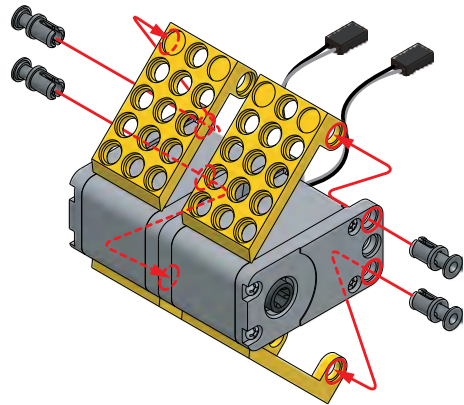
Building the Avoider Robot

1

SRV-1H/1P (k) x4

SPY-3b4 (y) x4

GM x2

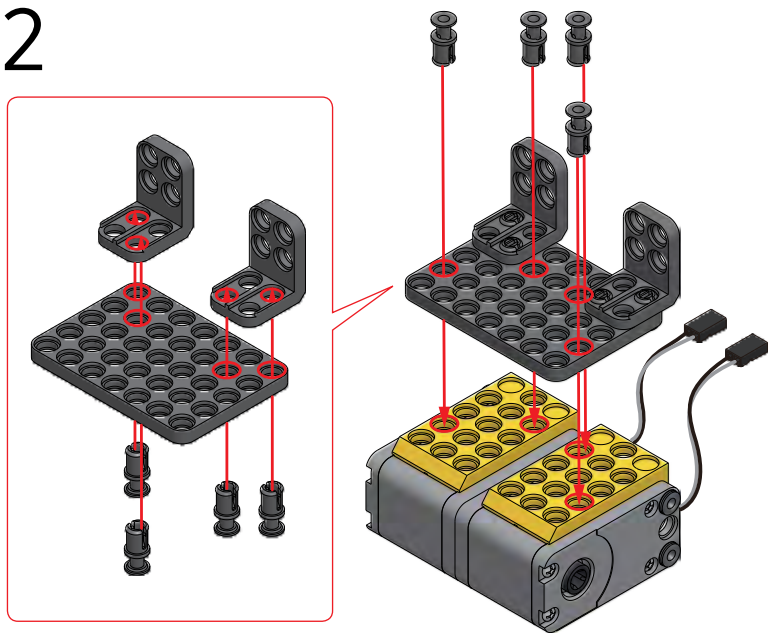


2

SRV-1H/1P (k) x8

SPL-2b2 (k) x2

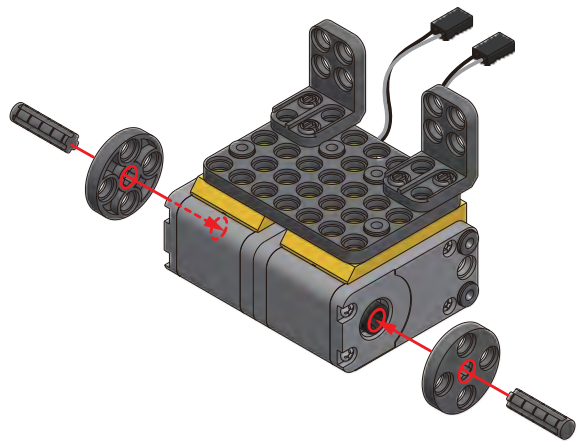
SPD-5b7 (k) x1



3

SPO-4HC (k) x2

SI-15 (k) x2

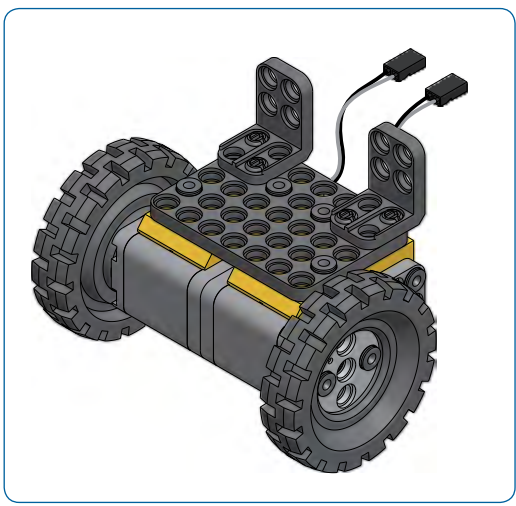
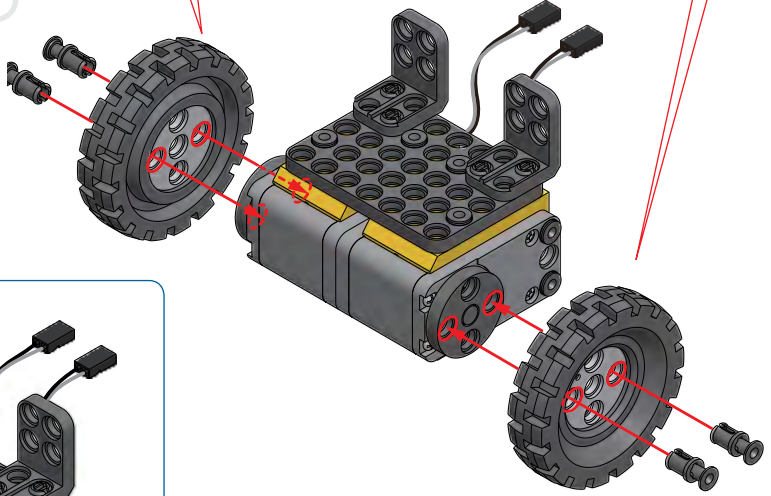
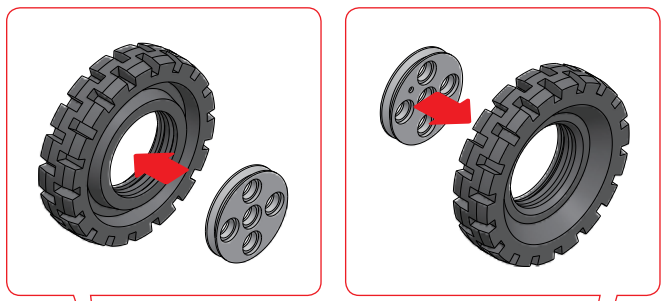



 x4
 SRV-1H/1P®


 x2
 STR-39®

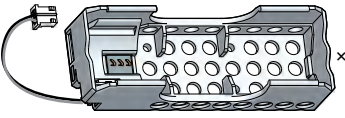
 x2
 SPO-4PR®

4

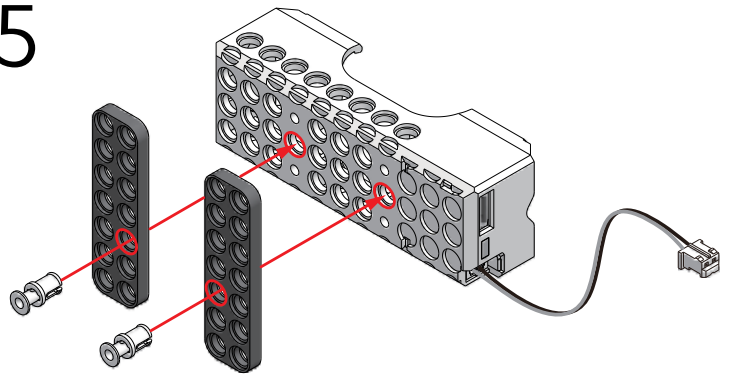


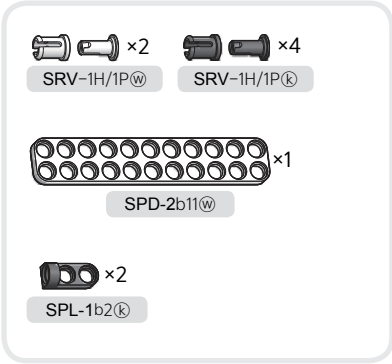
 x2
 SRV-1H/1P®

 x2
 SPD-2b7®

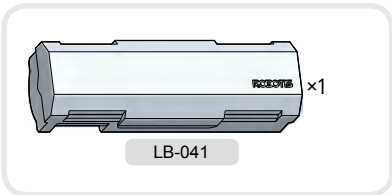
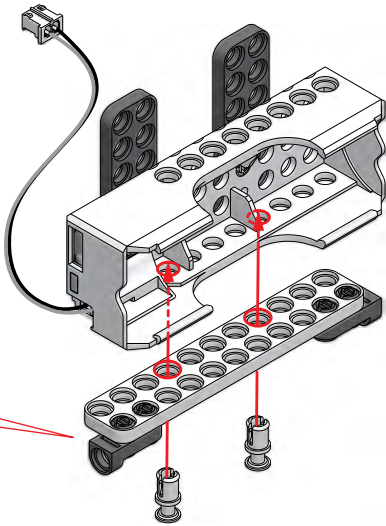
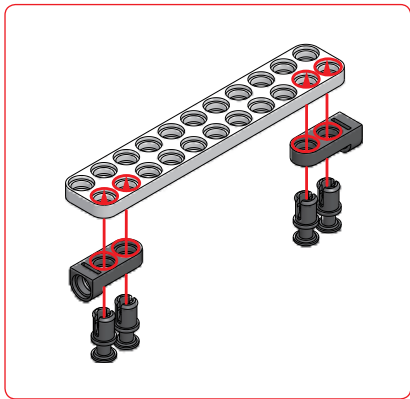
 x1
 LBB-041

5

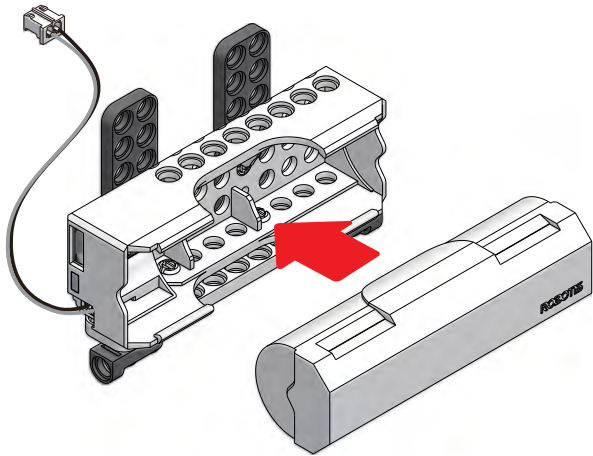
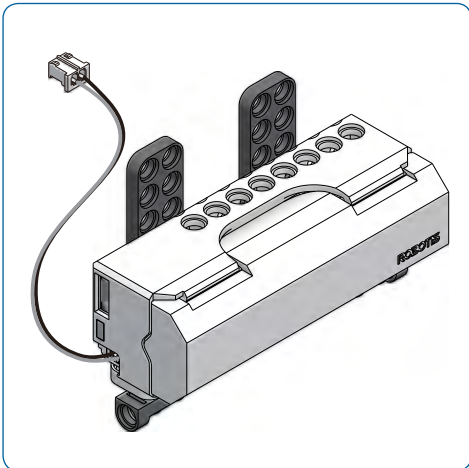


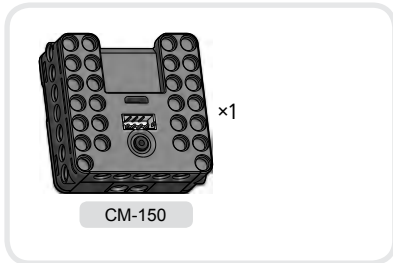


6

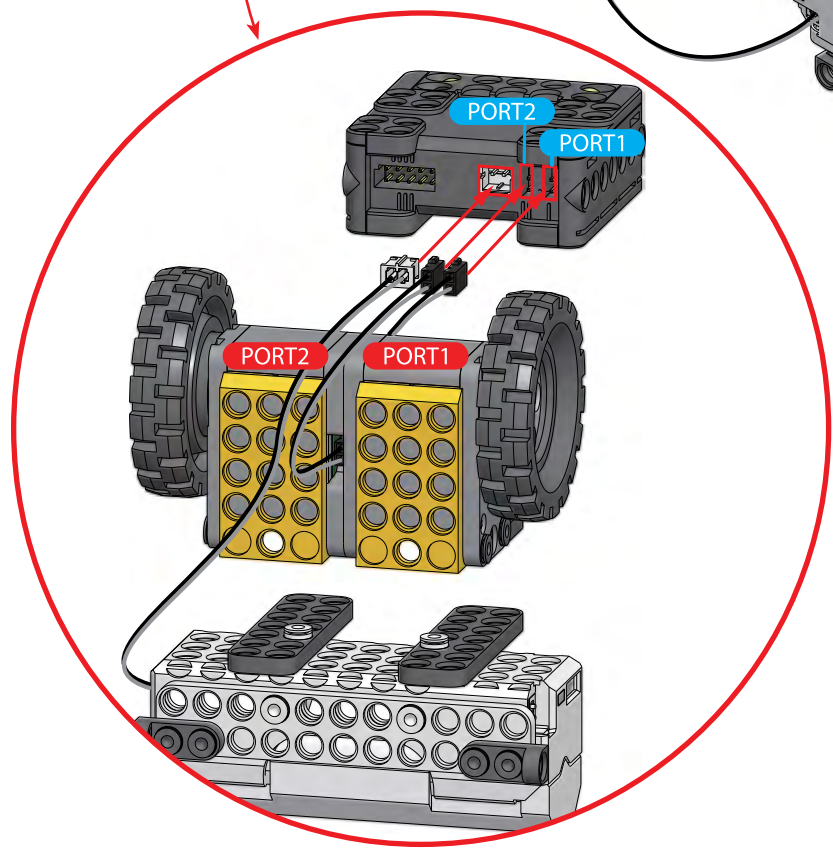
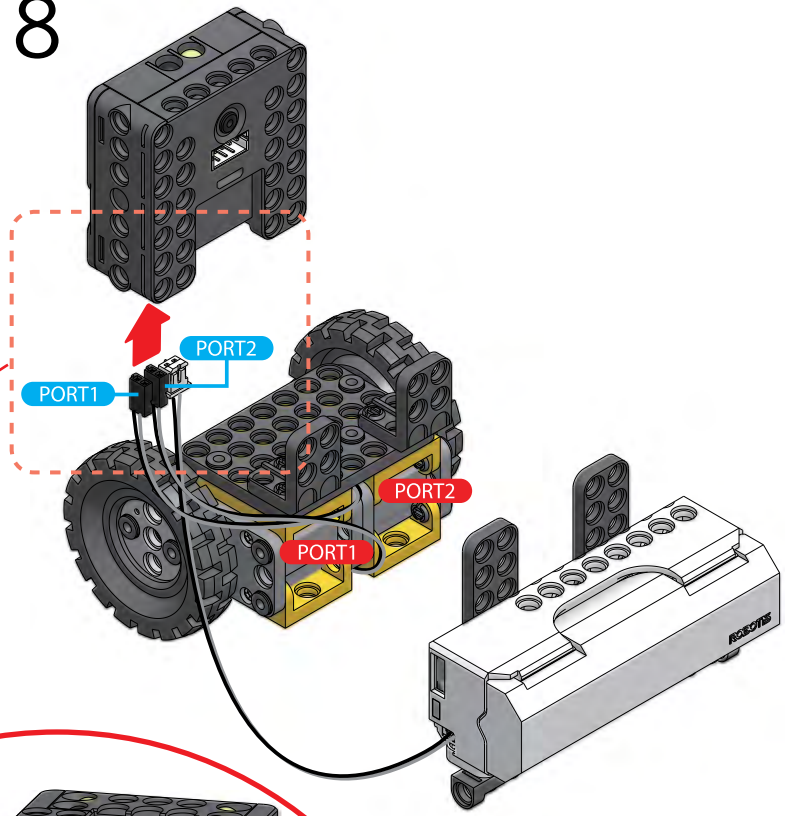


7



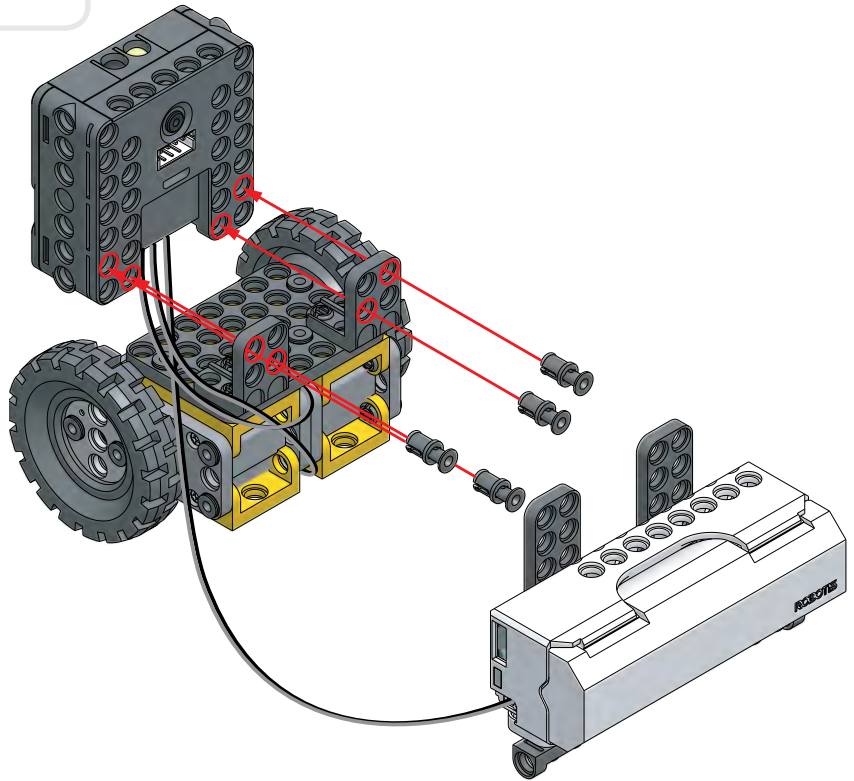


8



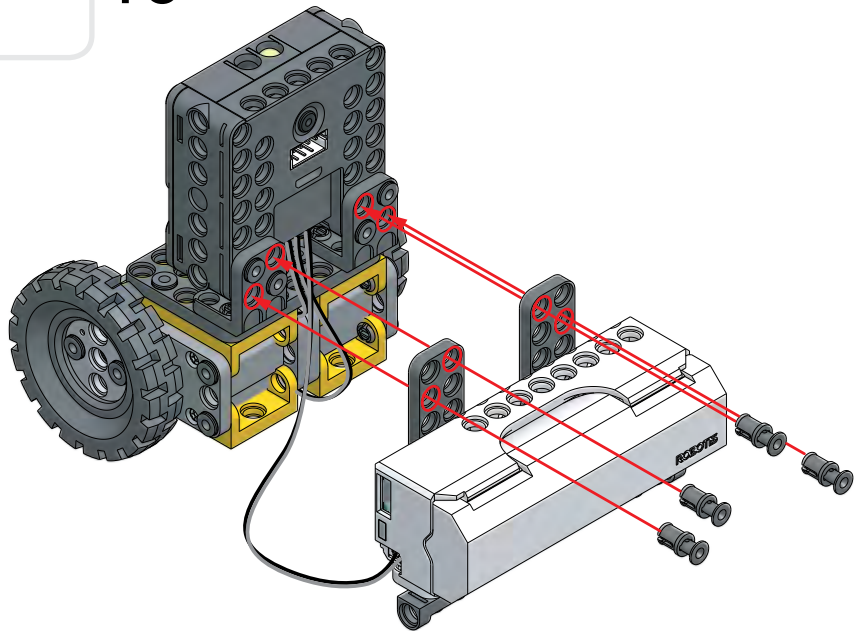
 x4
SRV-1H/1P®

9



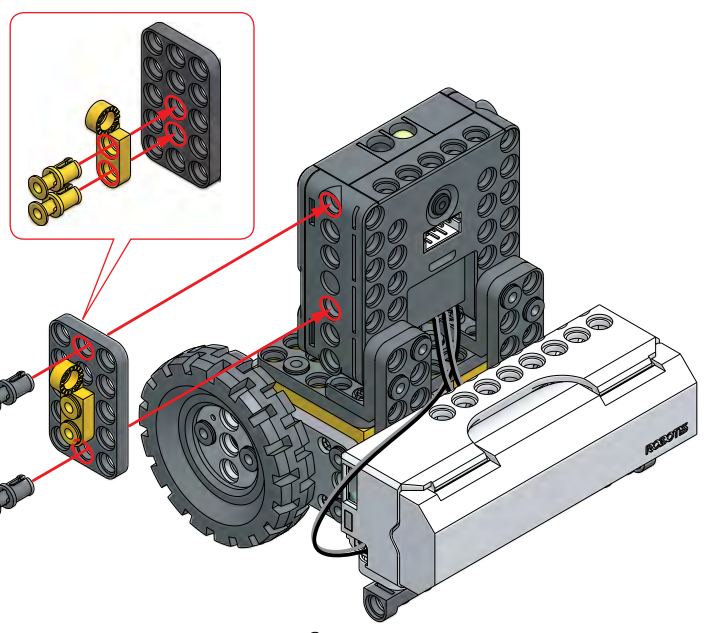
 x4
SRV-1H/1P®

10



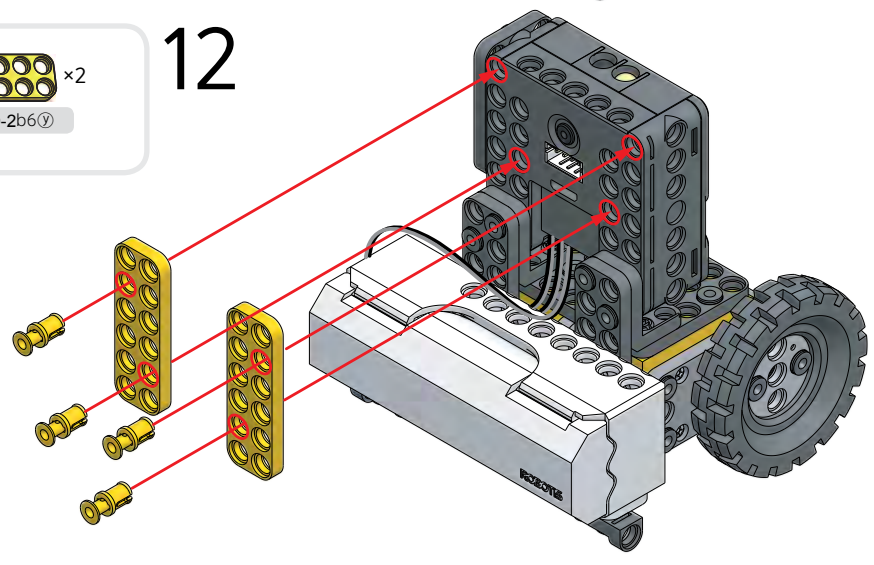
- SRV-1H/1P (yellow) x2
- SRV-1H/1P (grey) x2
- SPD-3b5 (grey) x1
- SPJ-1b2R (yellow) x1

11



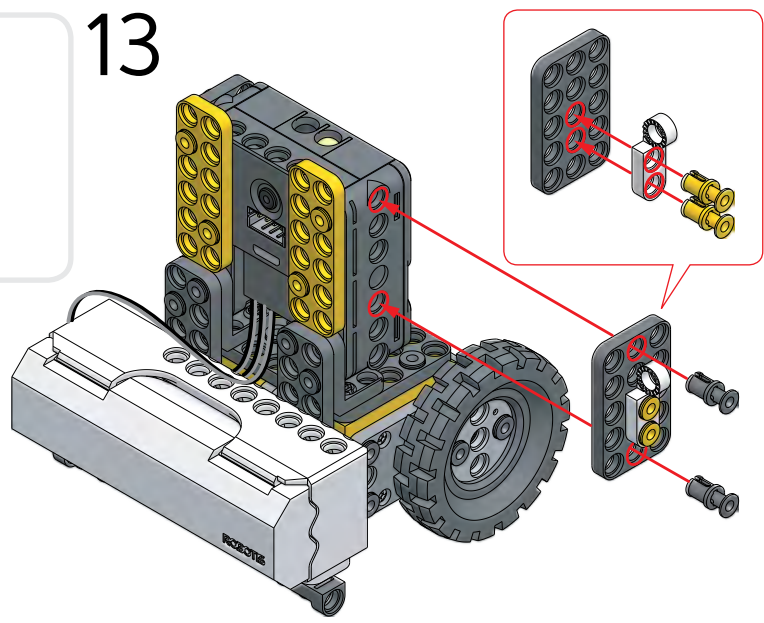
- SRV-1H/1P (yellow) x4
- SPD-2b6 (yellow) x2

12



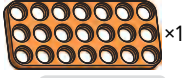
- SRV-1H/1P (yellow) x2
- SRV-1H/1P (grey) x2
- SPD-3b5 (grey) x1
- SPJ-1b2L (grey) x1

13



SRV-1H/1P ⊙ ×6

SRV-1H/1P ⊙



×1

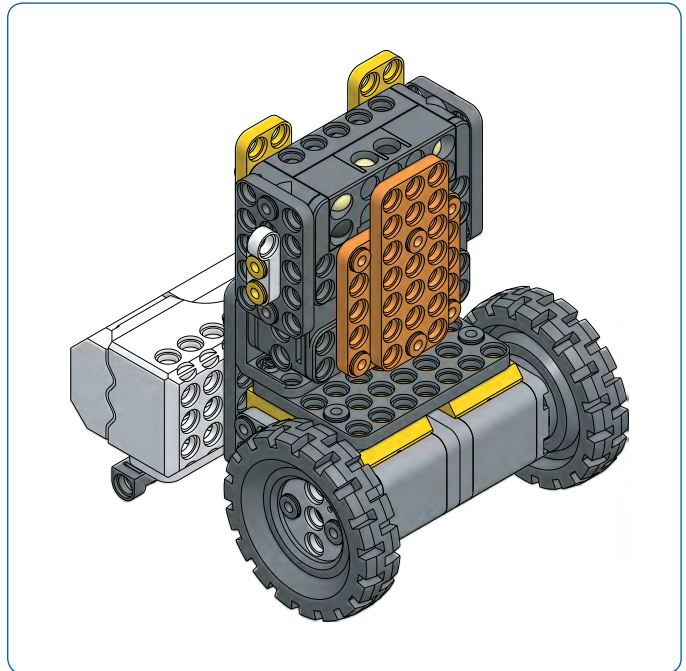
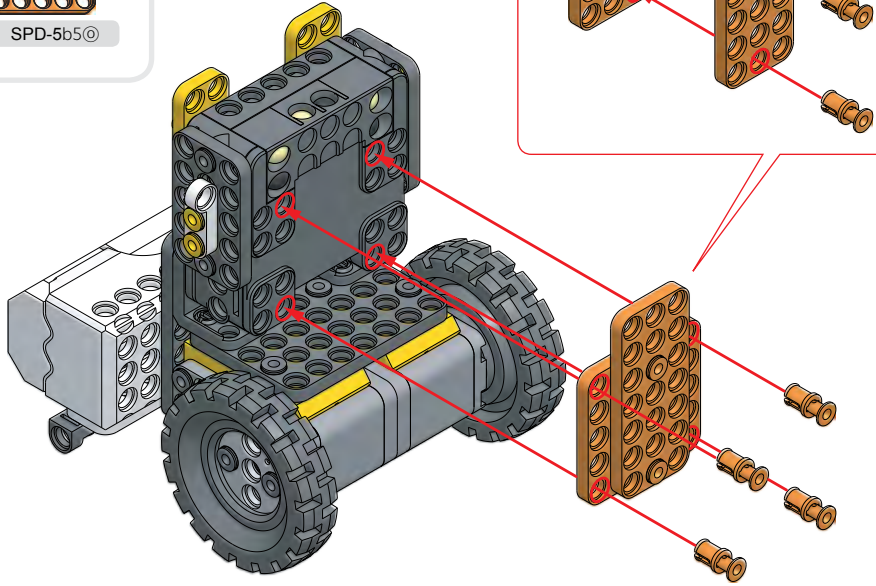


×1

SPD-3b7 ⊙

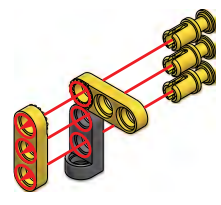
SPD-5b5 ⊙

14



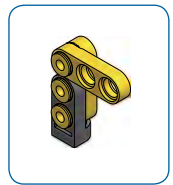
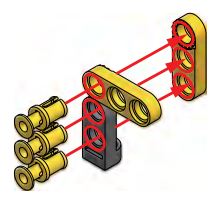
- SRV-1H/1P ×3
- SPJ-1b2S ×2
- SPL-1b2 ×1

15



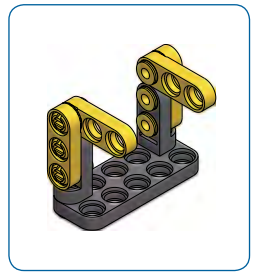
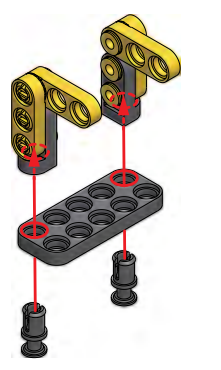
- SRV-1H/1P ×3
- SPJ-1b2S ×2
- SPL-1b2 ×1

16



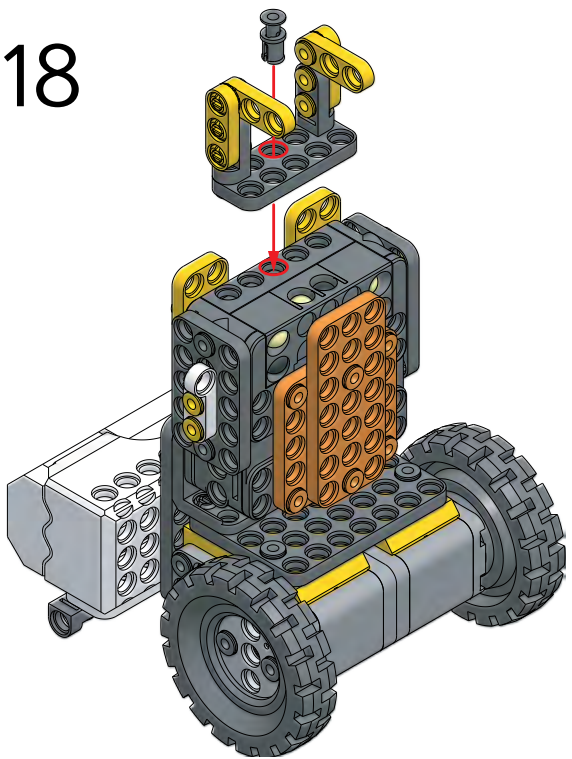
- SRV-1H/1P ×2
- SPD-2b5 ×1

17




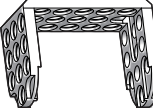


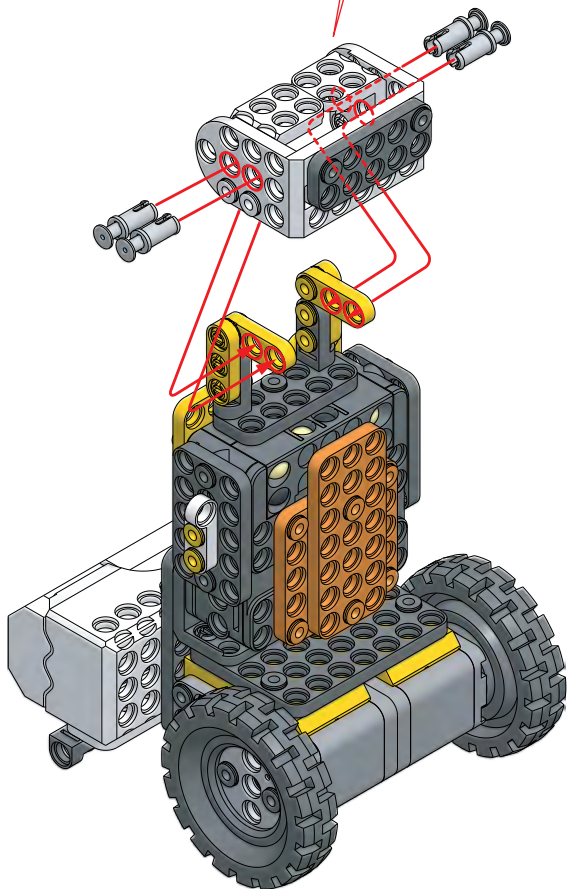
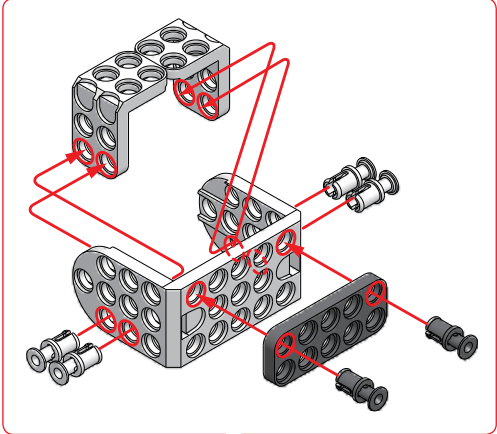
- SRV-1H/1P ×1

18

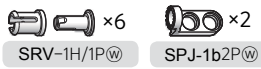
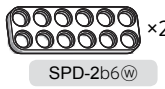


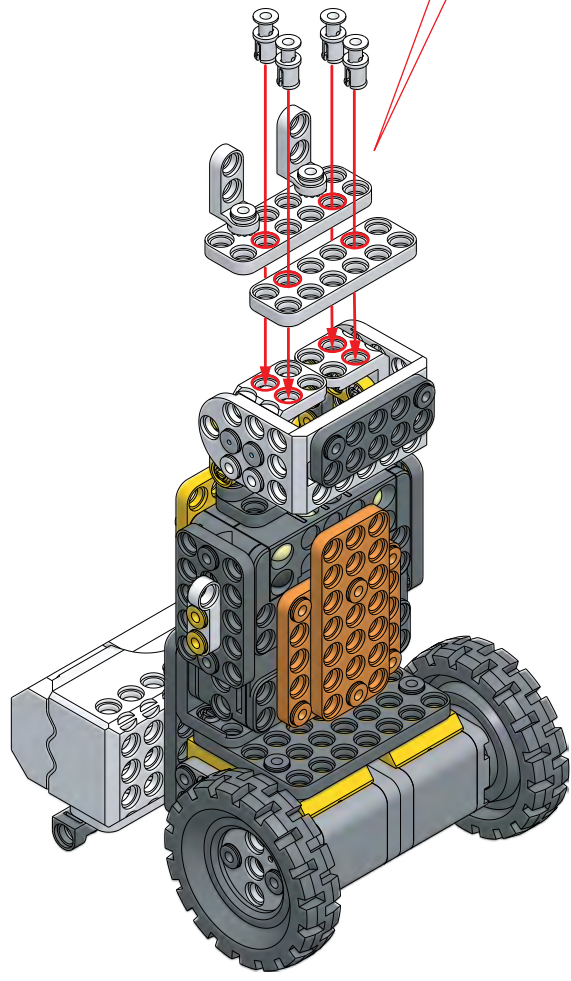
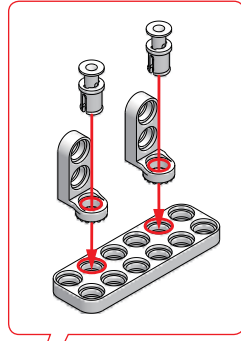
19

 x4	 x2
SRV-1H/1P	SRV-1H/1P
 x4	 x1
SRV-1LH/1LP	SPD-2b5
 x1	 x2
SPH	SPL-2b2



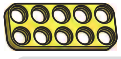
20

-  ×6 ×2
SRV-1H/1P SPJ-1b2P
-  ×2
SPD-2b6

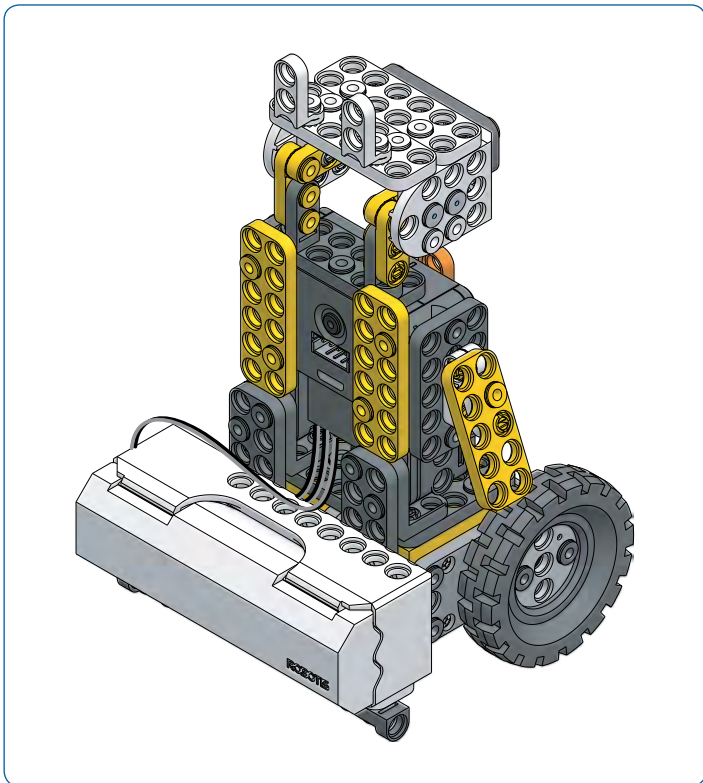
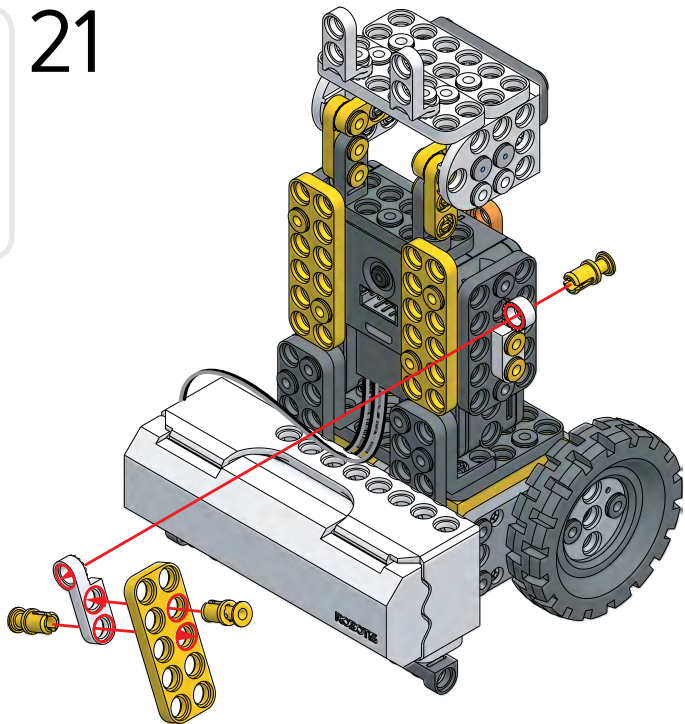




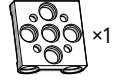
21

 x3
SRV-1H/IP

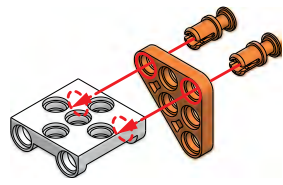
 x1
SPD-2b5




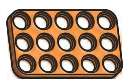

 x1
SPJ-1b2L



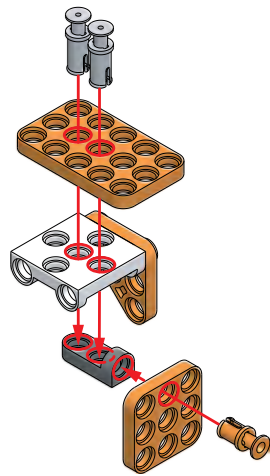
-  ×2
SRV-1H/1PⓄ
-  ×1
SPA-3b3Ⓞ
-  ×1
SPU-5WⓄ


22



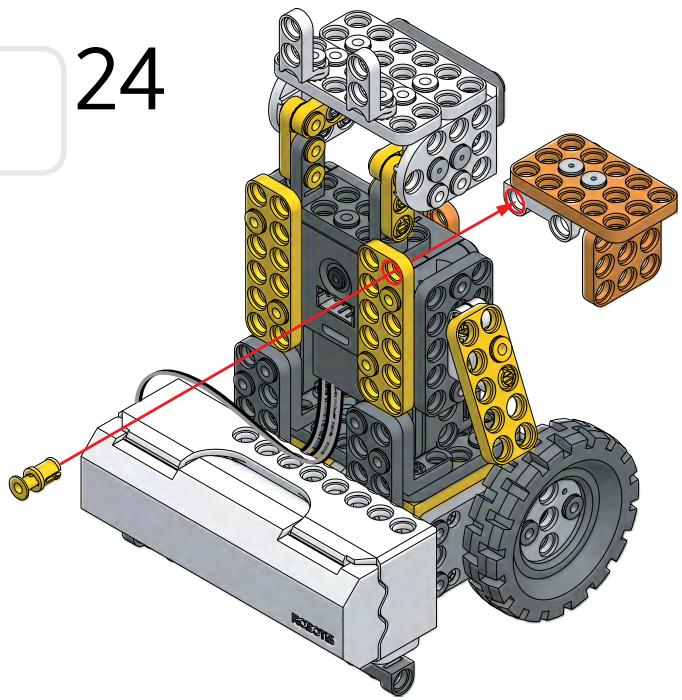
-  ×1
-  ×2
SRV-1LH/1LP
-  ×1
SPD-3b3Ⓞ
-  ×1
SPD-3b5Ⓞ
-  ×1
SPL-1b2K

23



-  ×1
SRV-1H/1PⓄ

24

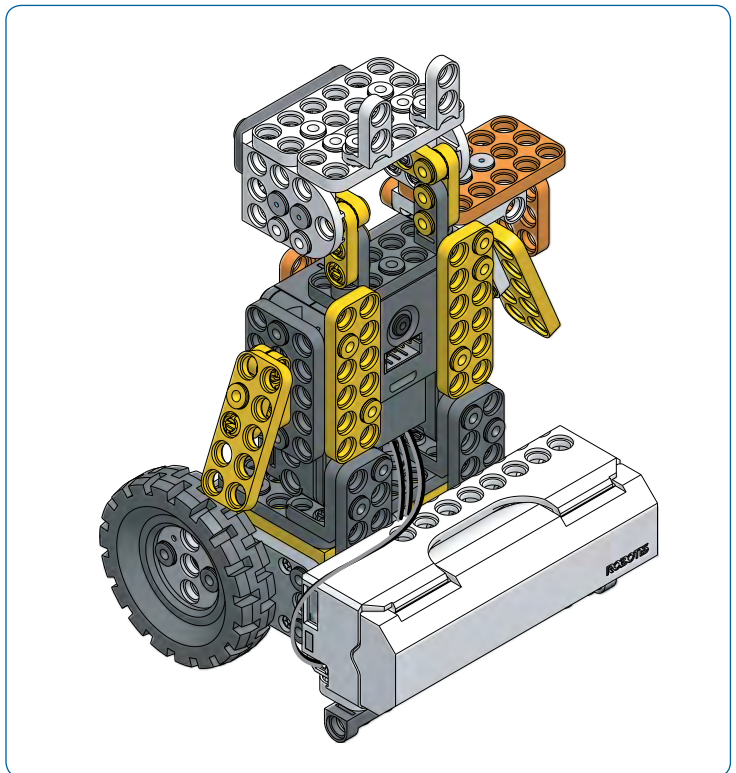
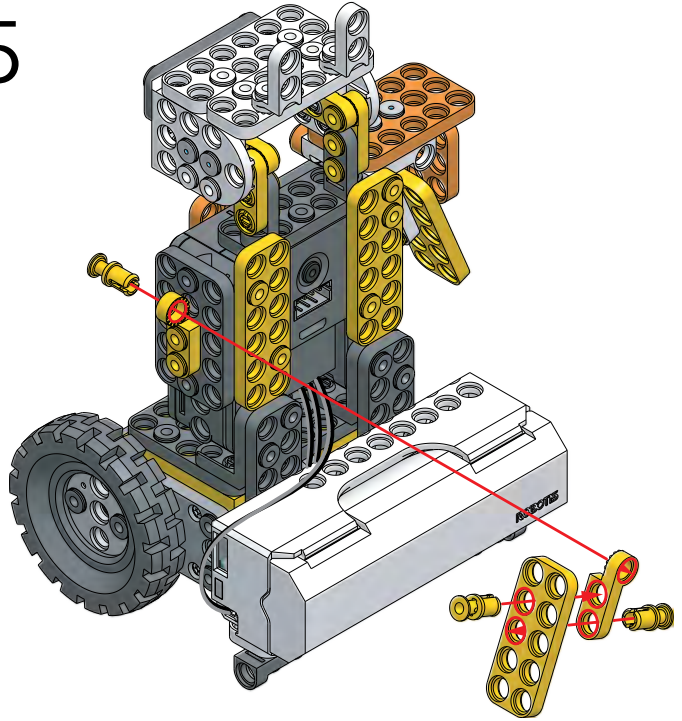


25

SRV-1H/IP $\times 3$

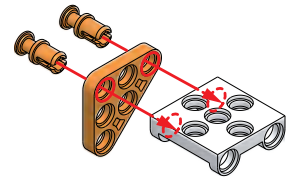
SPD-2b5 $\times 1$

SPJ-1b2R $\times 1$



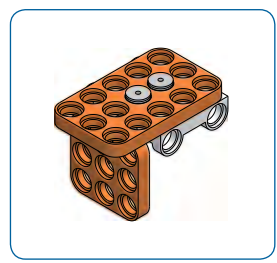
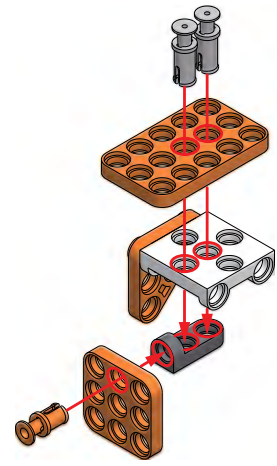
- SRV-1H/1P ⊕ x2
- SPA-3b3 ⊕ x1
- SPU-5 ⊕ x1

26



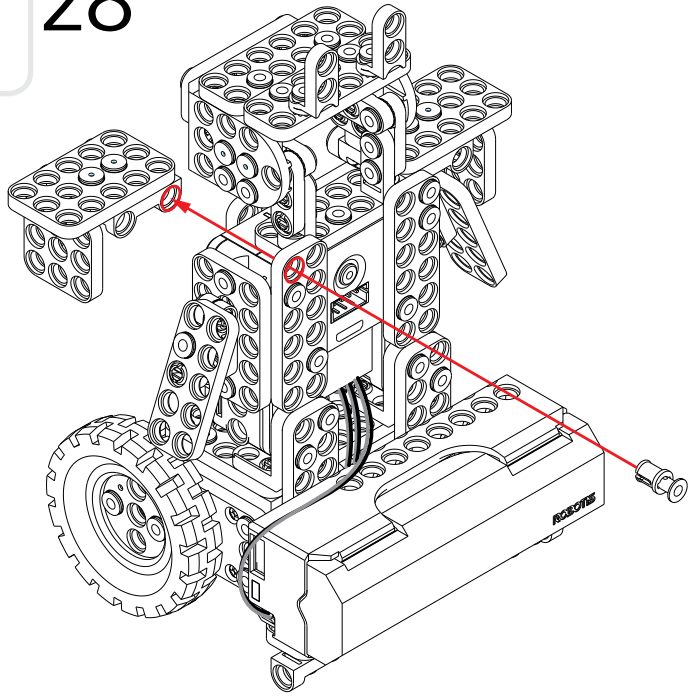
- SRV-1H/1P ⊕ x1
- SRV-1LH/1LP ⊕ x2
- SPD-3b3 ⊕ x1
- SPD-3b5 ⊕ x1
- SPL-1b2 ⊕ x1

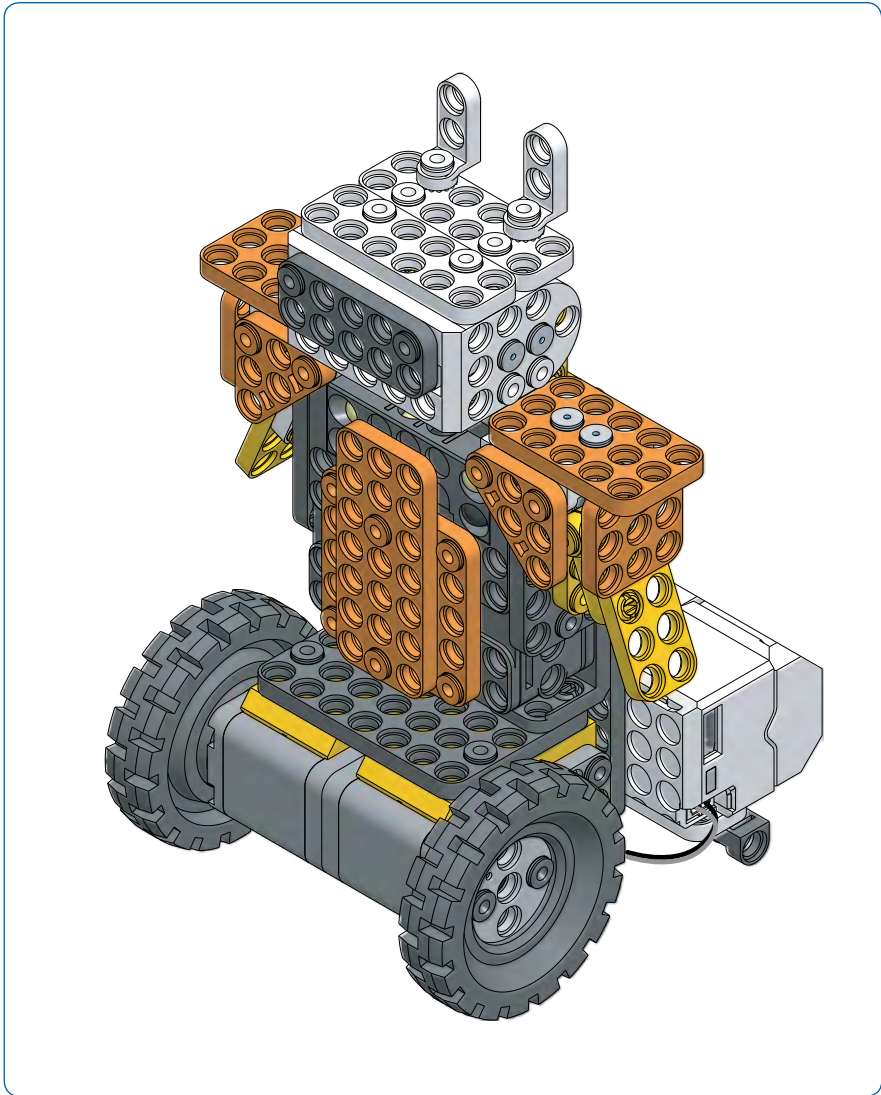
27

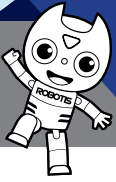


- SRV-1H/1P ⊕ x1

28





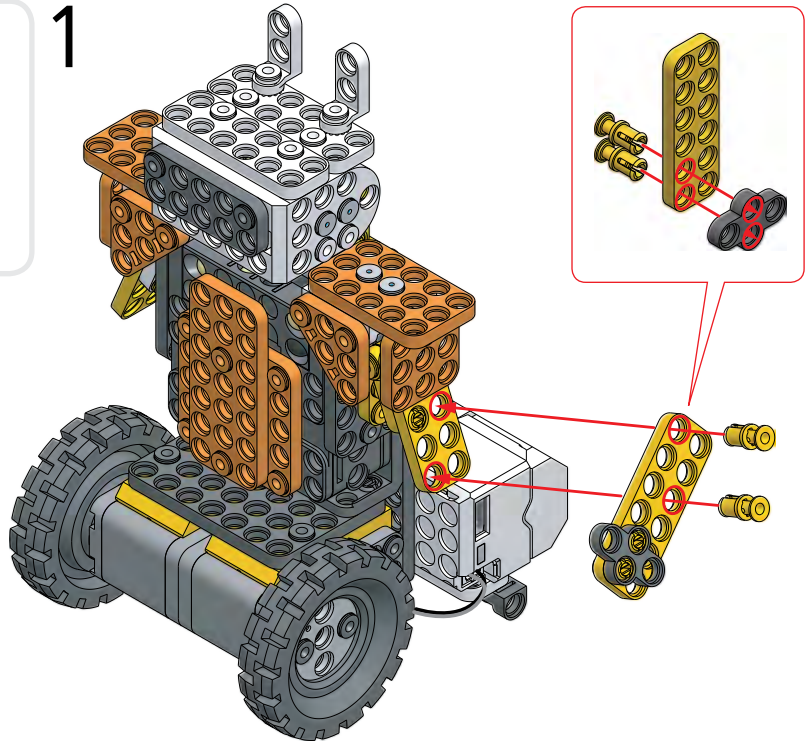


My Own Robot!

Customize the appearance to make your own unique robot.

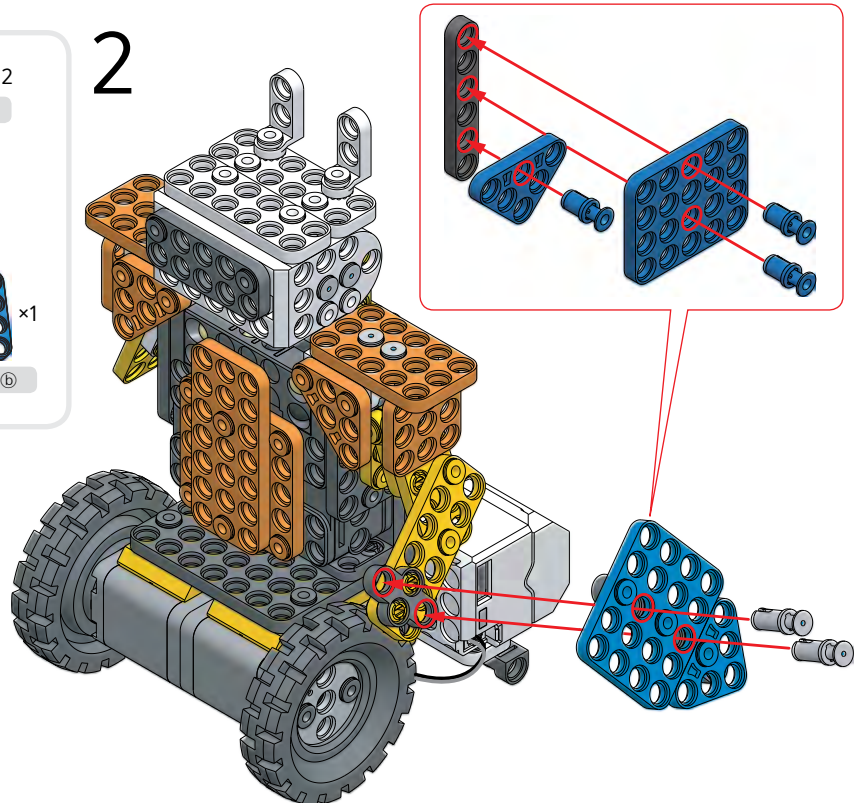
- ×4
SRV-1H/1P (Y)
- ×1
SPD-2b6 (Y)
- ×1
SPX-2b2 (K)

1



- ×3
- ×2
SRV-1LH/1LP (S)
- ×1
SPI-1b6 (K)
- ×1
SPA-3b3 (B)
- ×1
SPD-4b5 (B)

2



3

SRV-1H/1P Ⓜ ×2 SRV-1H/1P Ⓜ ×4

SPI-1b9 Ⓜ ×1

SPD-2b6 Ⓜ ×1 SPX-2b2 Ⓚ ×1

