Arduino Controlled Servo Robot
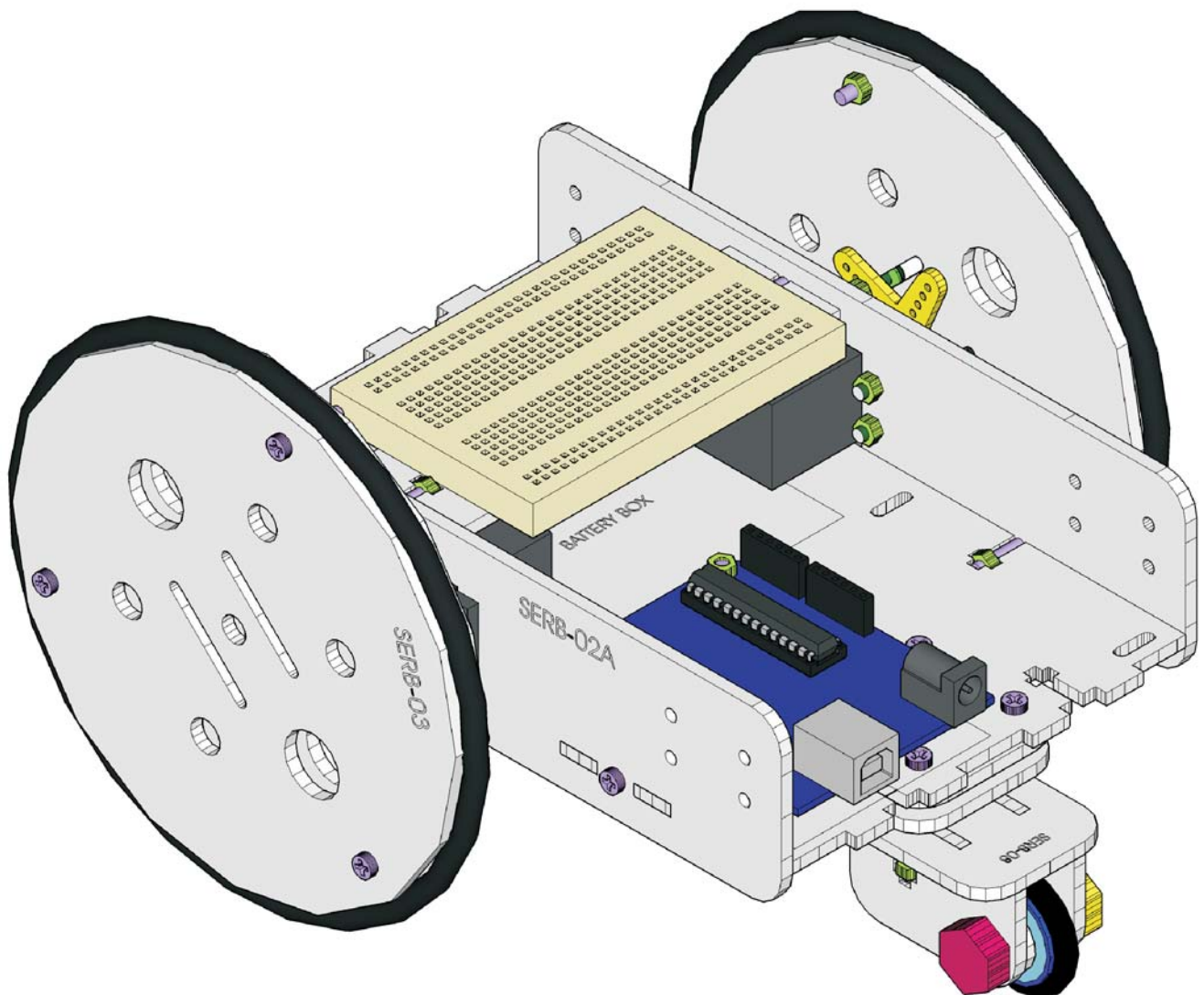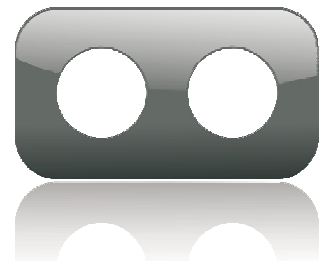# Assembly Guide

(SERB)

1.

3mm x 10mm bolt
x8

3mm x 10mm bolt
x8

3mm nut
x8

continuous rotation servo
x2

SERB-02B
left servo side
x1

SERB-02A
right servo side
x1

Servo Orientation Detail

SERB-02A

SERB-02B
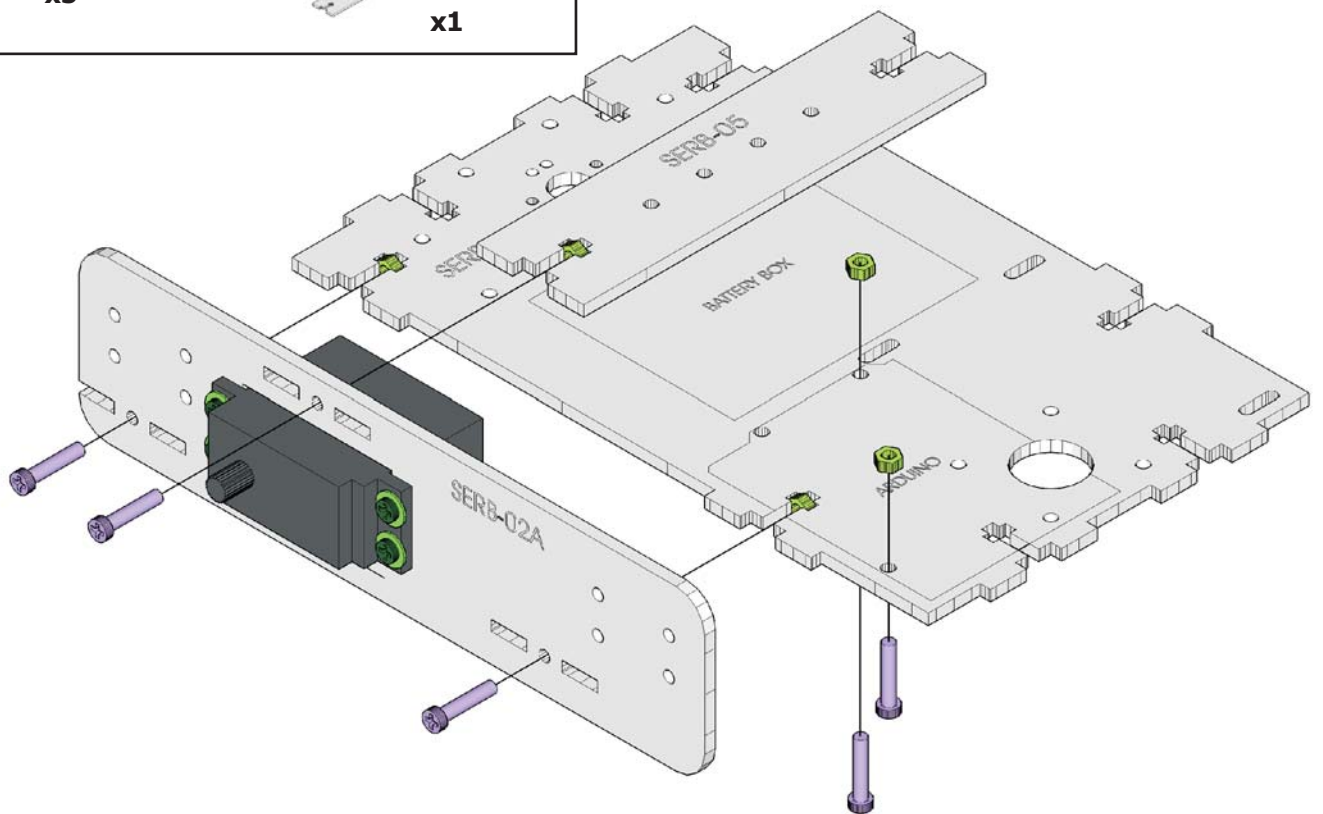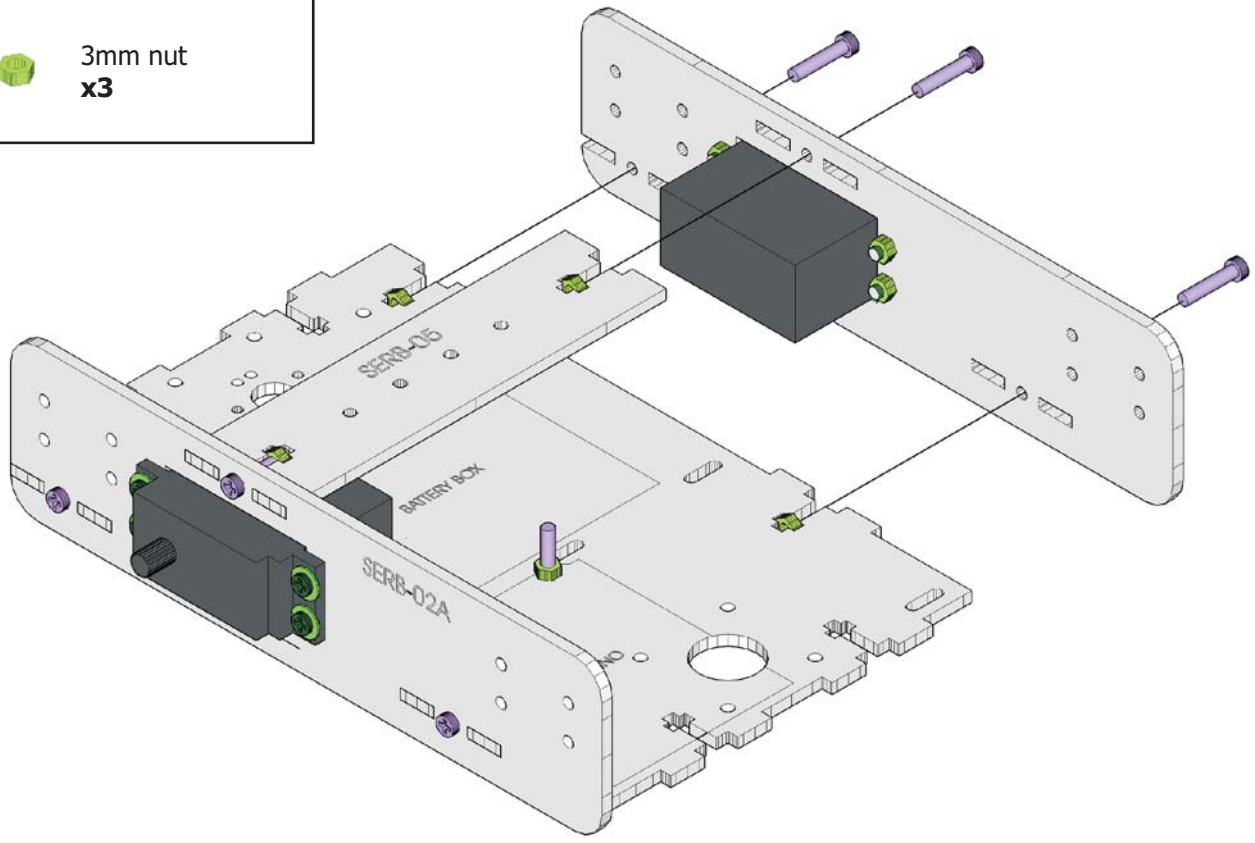
SERB-02B

SERB-02A

2.

3mm x 15mm bolt
x5

SERB-01
base
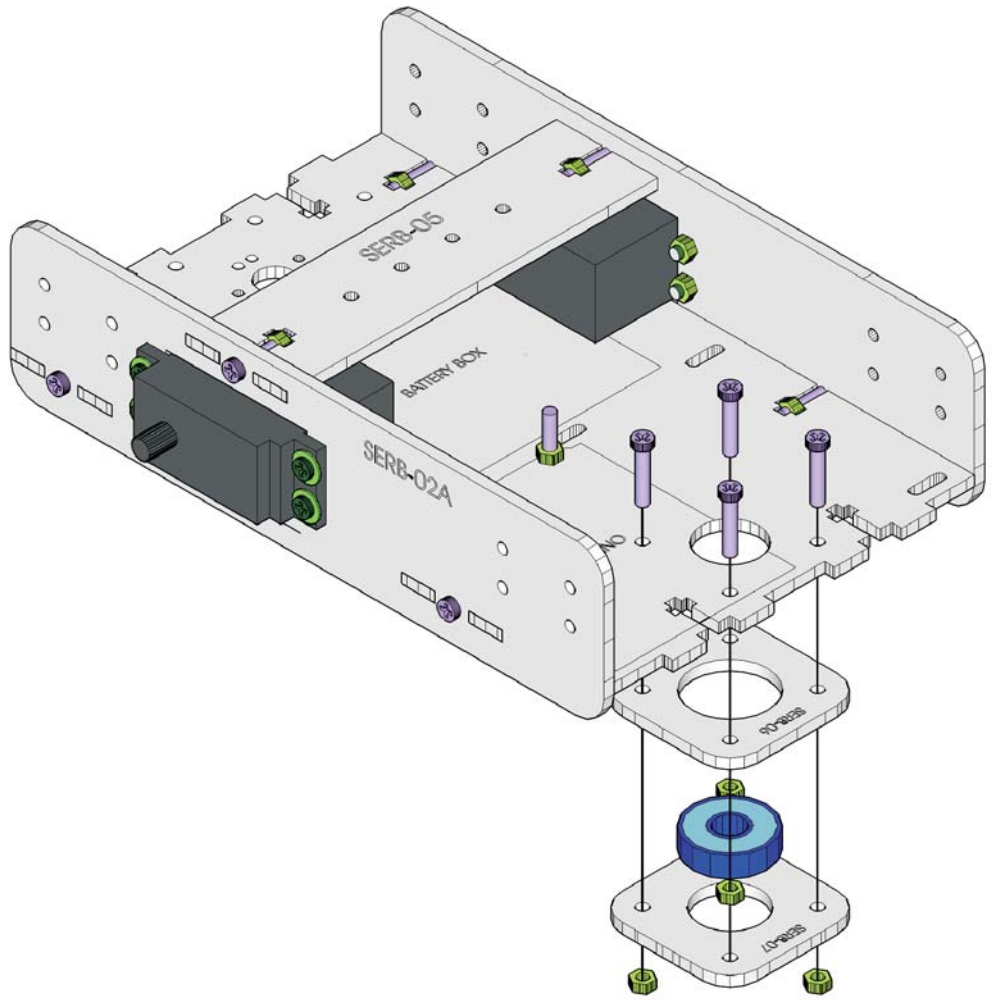**x1**

3mm nut
x5

SERB-05
servo brace
x1

SERB-05

SERB-02A

BATTERY BOX

ARDUINO
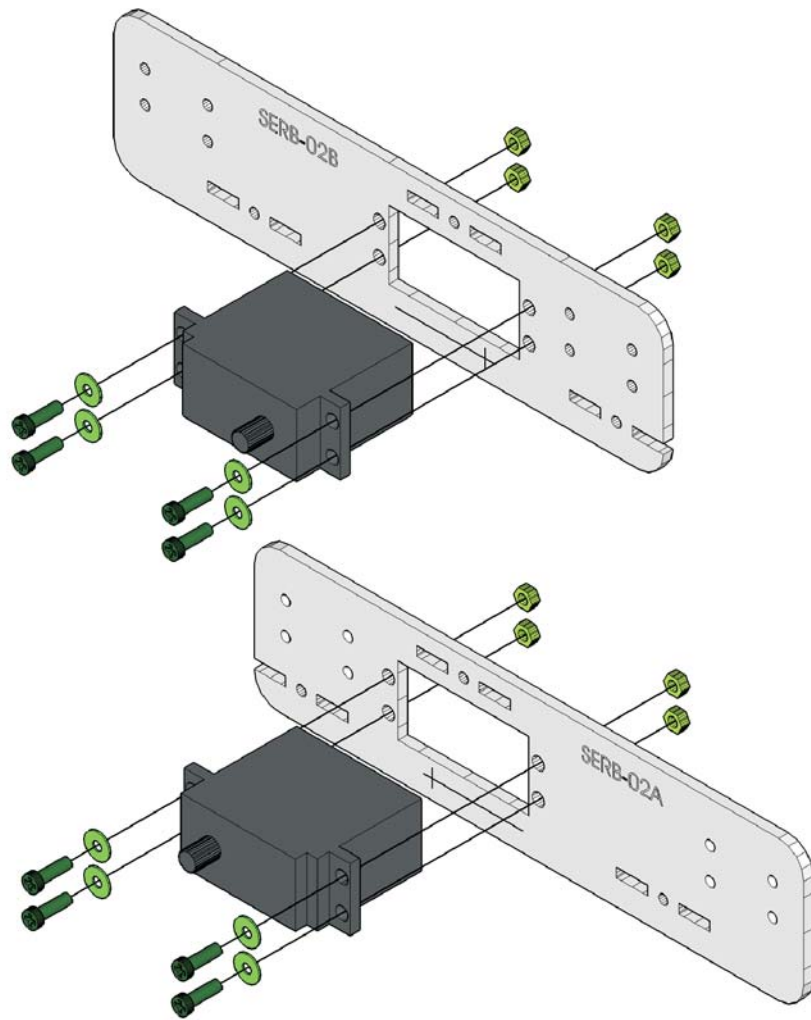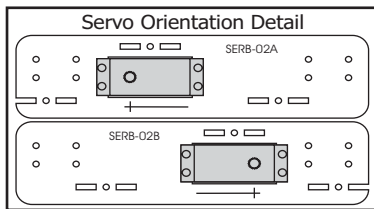
3.

3mm x 15mm bolt
x3

3mm nut
x3

SERB-05

BATTERY BOX

SERB-02A

4.

3mm x 15mm bolt
x4

3mm nut
x4

BEAR-01
skate bearing
x1

SERB-06
bearing holder
x1

SERB-07
bearing squeezer
x1

SERB-05

BATTERY BOX
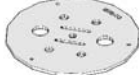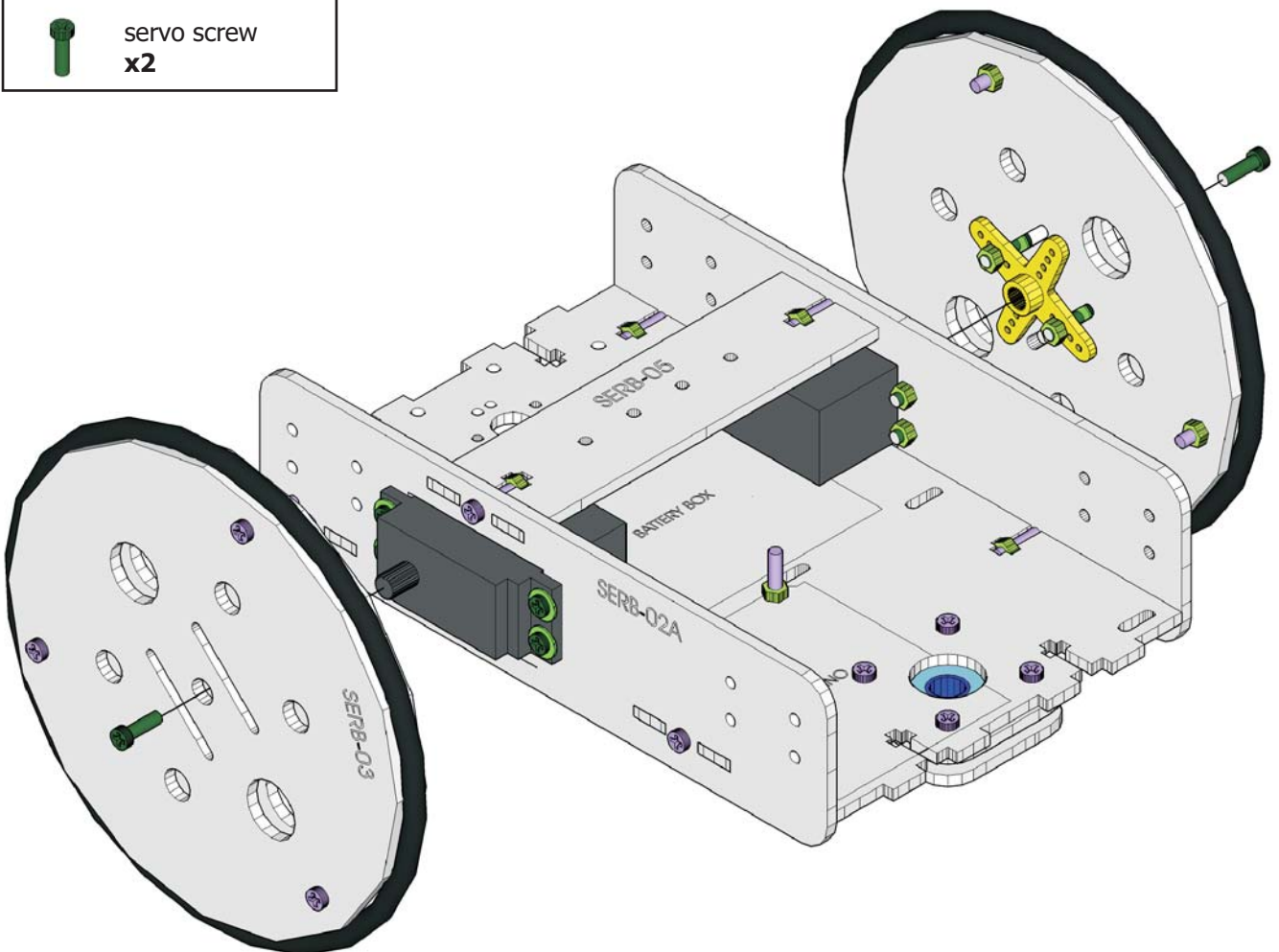
SERB-02A

5.
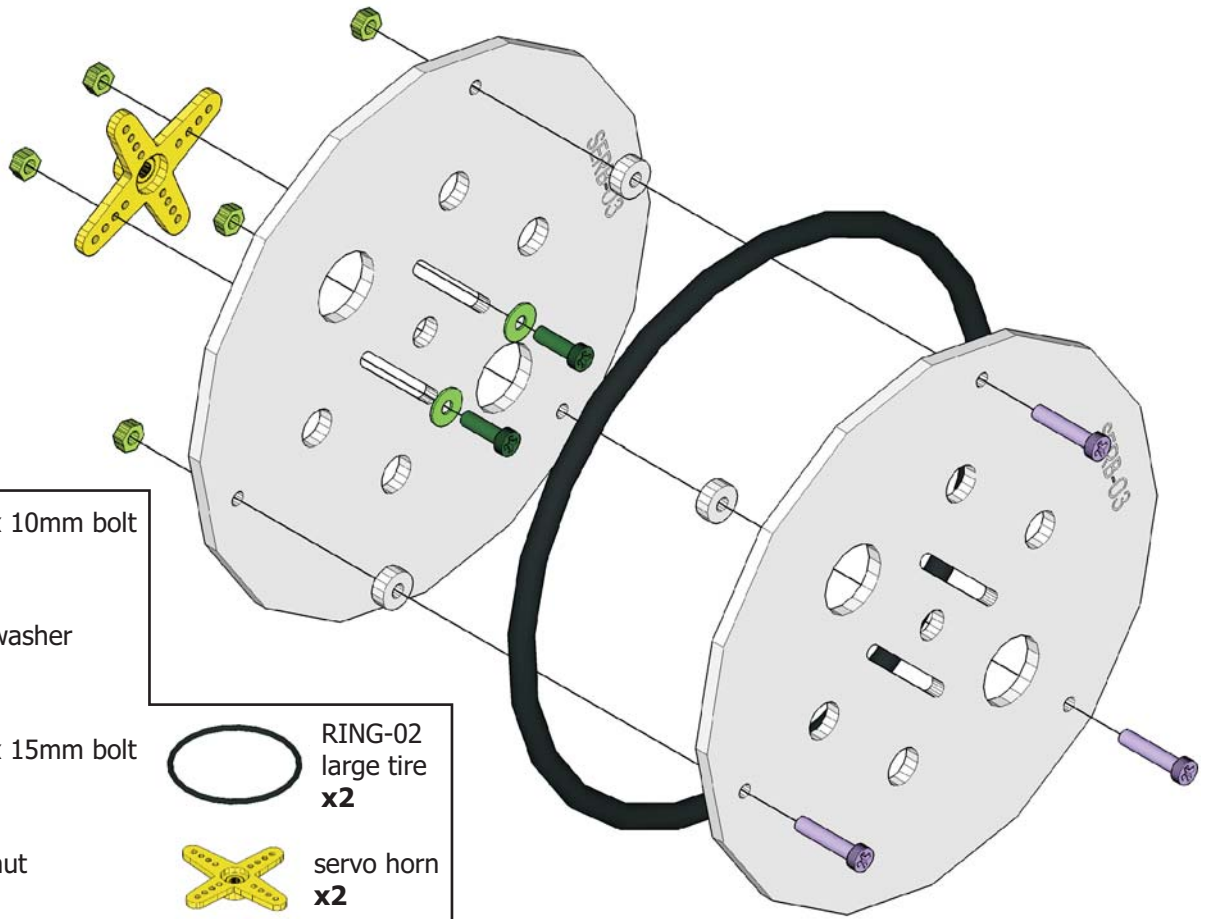
3mm x 10mm bolt
x4

3mm washer
x4

3mm x 15mm bolt
x6

RING-02
large tire
x2

3mm nut
x10

servo horn
x2

SERB-04
3mm spacer
x6

SERB-03
wheel
x4

x2

6.

servo screw
x2

7.

	8mm x 25mm bolt **x1**
	8mm nut **x1**
	SERB-09 caster side **x2**
	SERB-10 8mm spacer **x2**
	BEAR-01 skate bearing **x1**
	RING-02 small tire **x1**
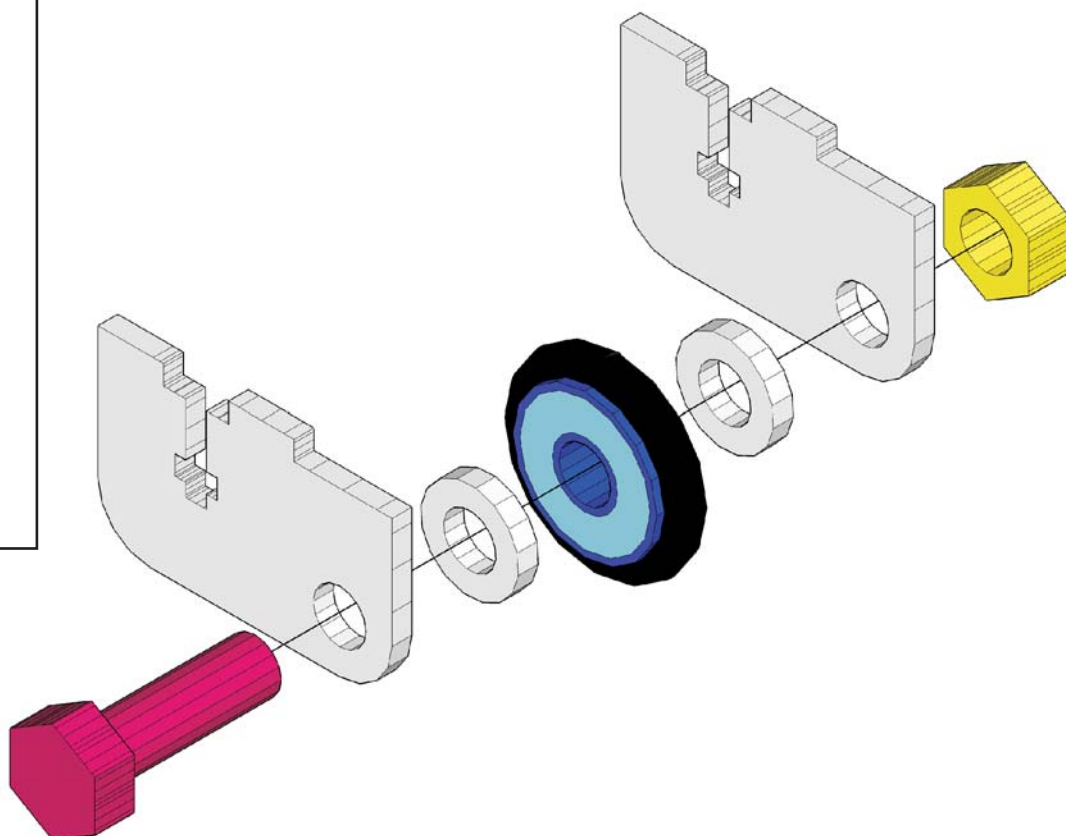
8.

	3mm x 15mm bolt **x2**
	3mm nut **x2**
	SERB-08 caster top **x1**
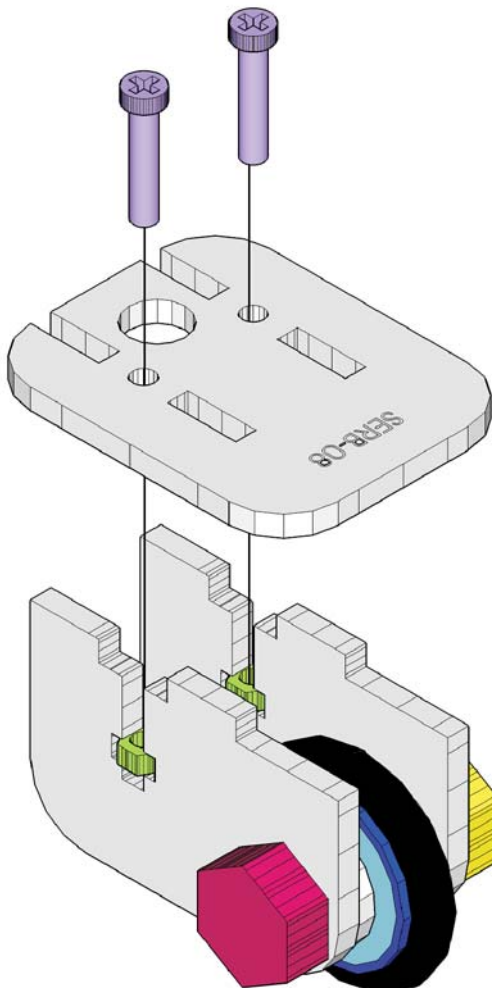
SERB-08

9.

8mm x 25mm bolt	**x1**
8mm nut	**x1**
SERB-10 8mm spacer	**x3**
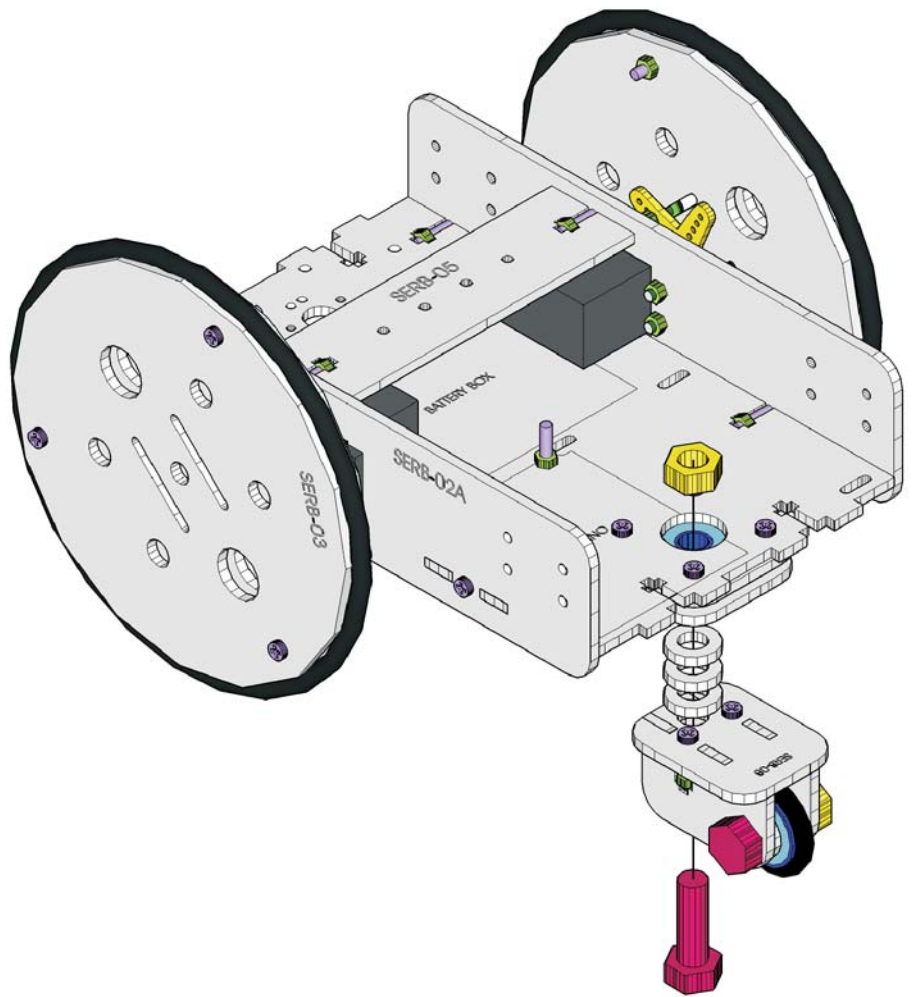
10.

breadboard	**x1**
quad AA battery box	**x1**
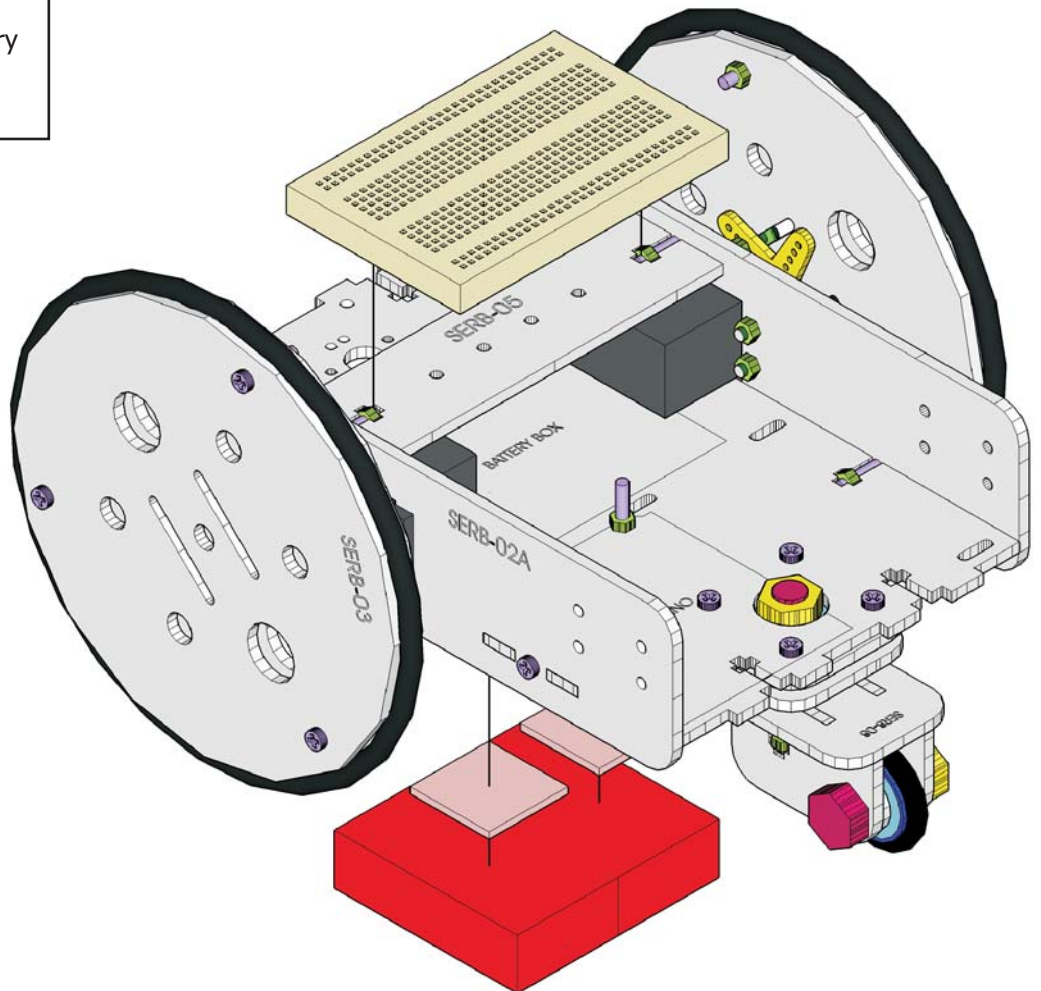
11.

	3mm nut **x2**
	SERB-04 3mm spacer **x4**
	Arduino **x1**

Note: Arduino 3D model from
http://tinyurl.com/3dArduino

12.

www.oomlout.com