

# DEVASTATOR

## Tank Mobile Platform Instruction Manual

网站: [www.dfrobot.com.cn](http://www.dfrobot.com.cn)  
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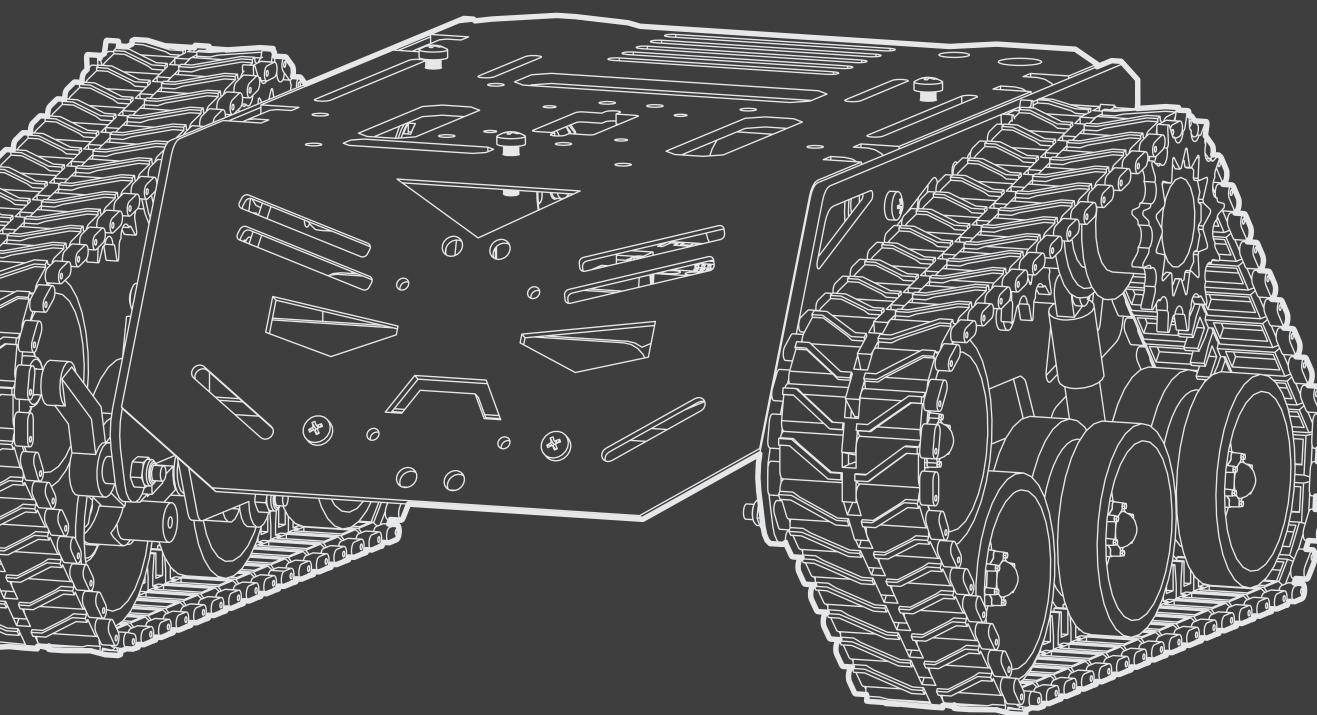
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◎ DFRobot has the final authority of interpretation on this manual.

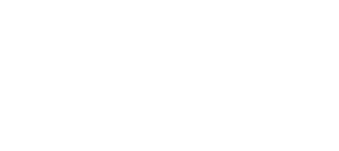
Metal DC Gear Motor  
with Back Shaft



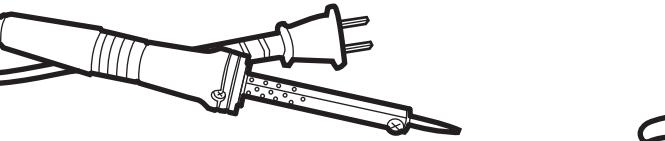


**Essential Tools**

M3 Phillips Screwdriver



Small Cross Sleeve Wrench

**Selection Tool**

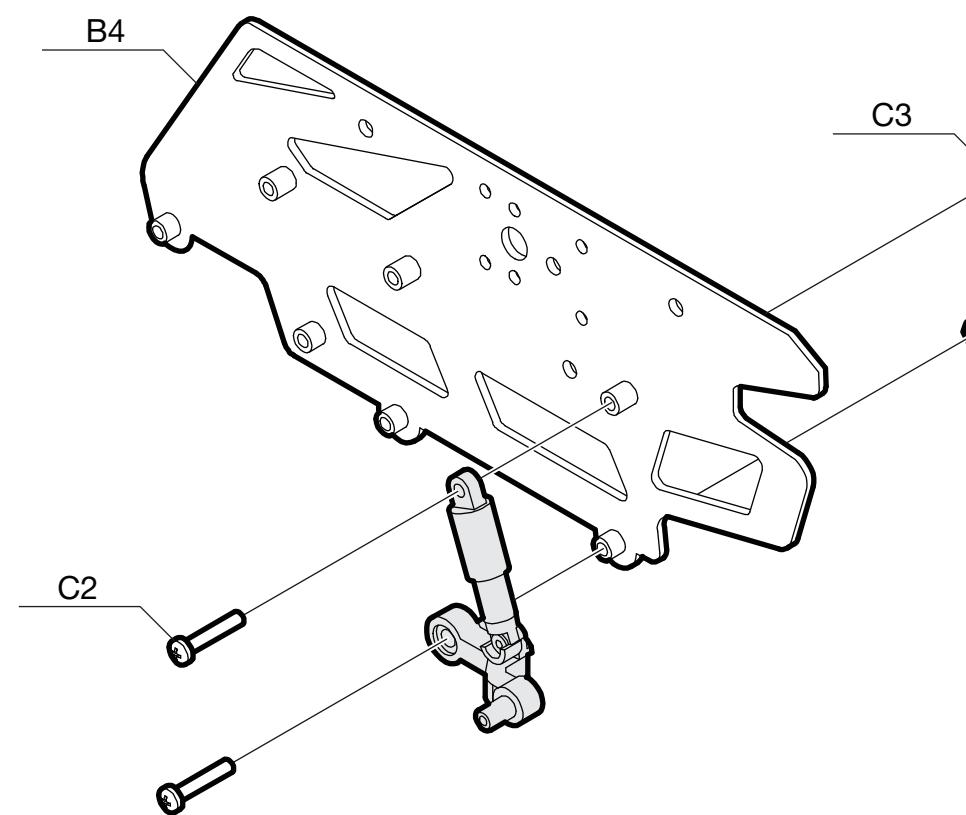
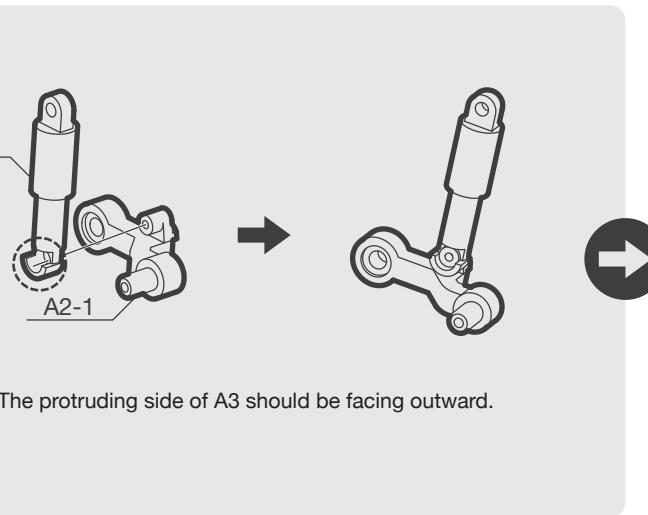
Soldering Iron



Wire Strippers

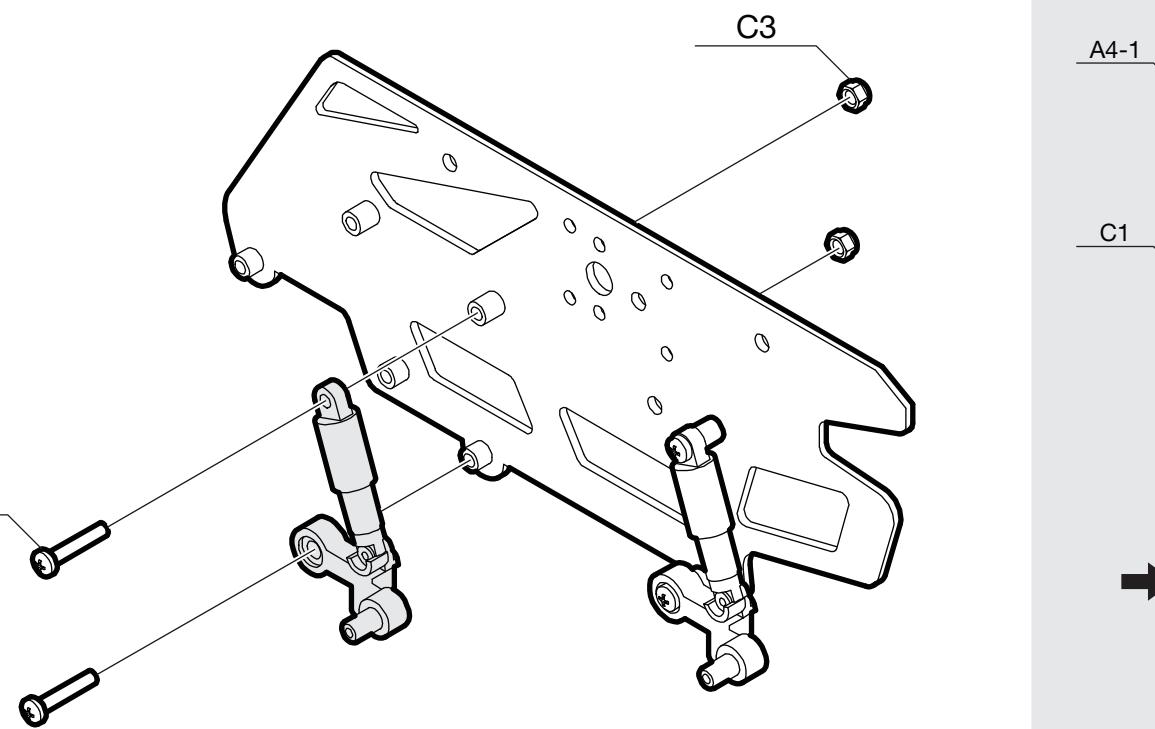
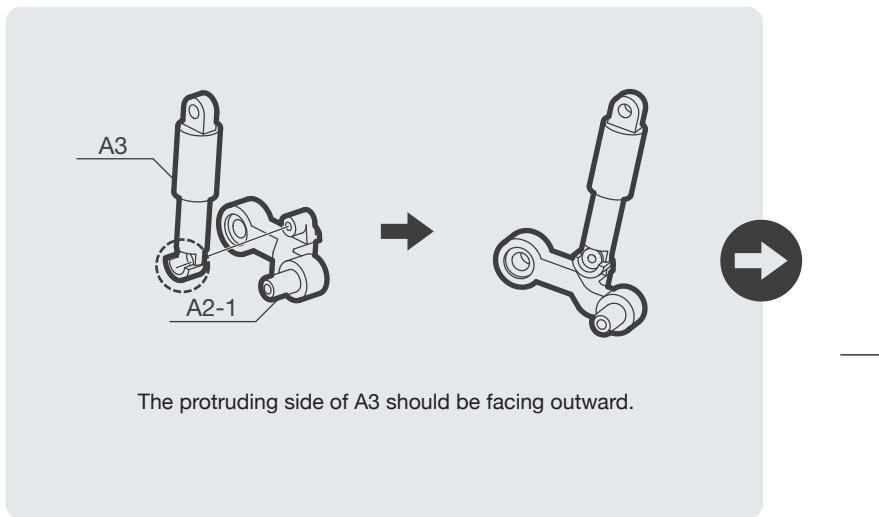
**Note:** Tools and Batteries are not included.

1. Assemble the main body of the device.

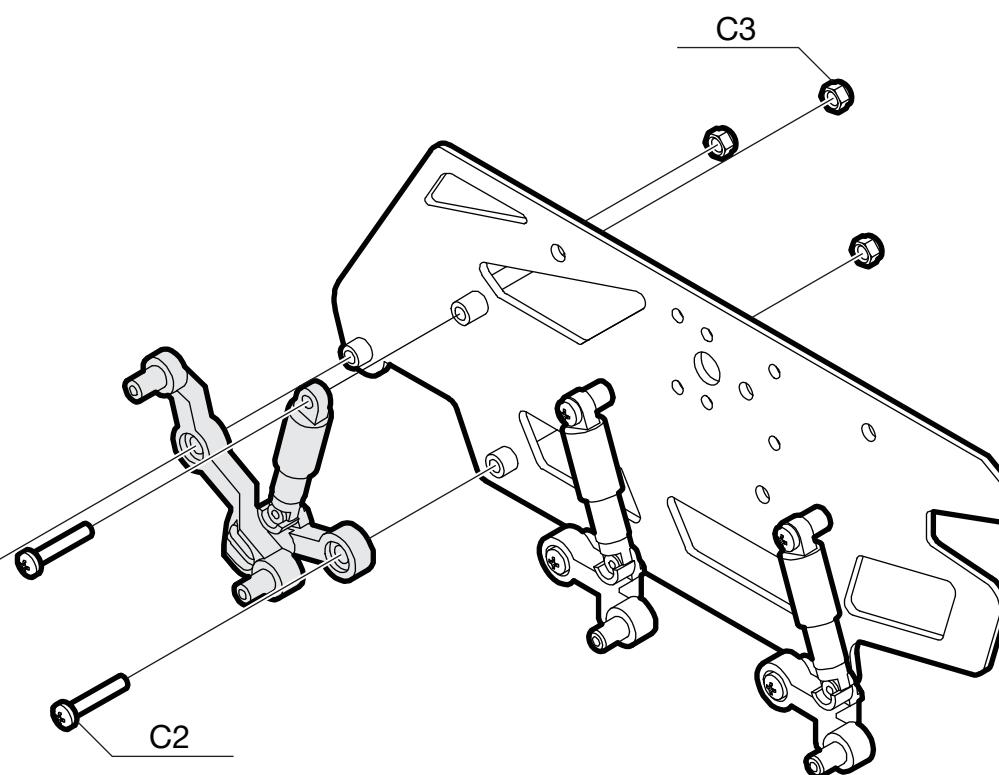
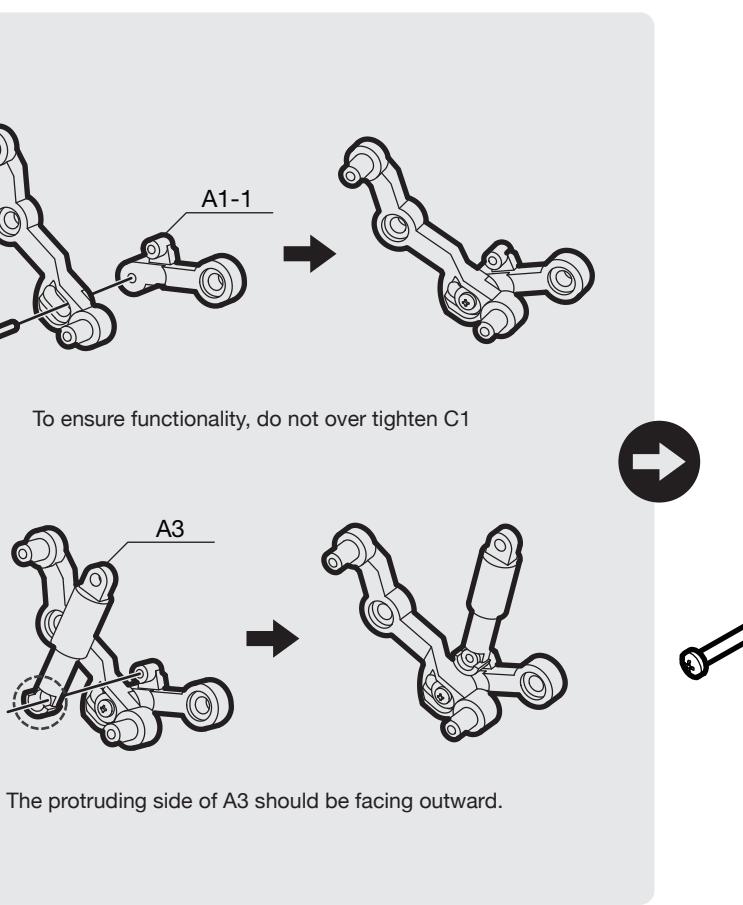


2. Make sure the aluminum side panel faces the correct direction.

Assemble Side 1

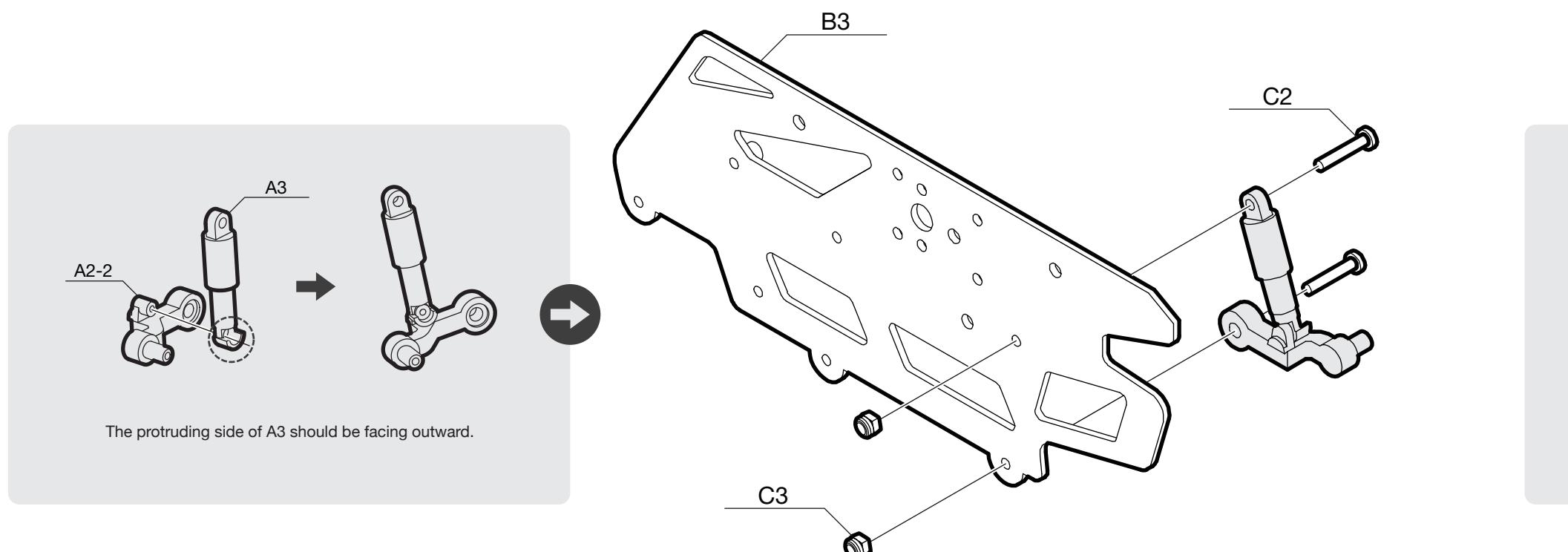


Make sure the aluminum side panel faces the correct direction.



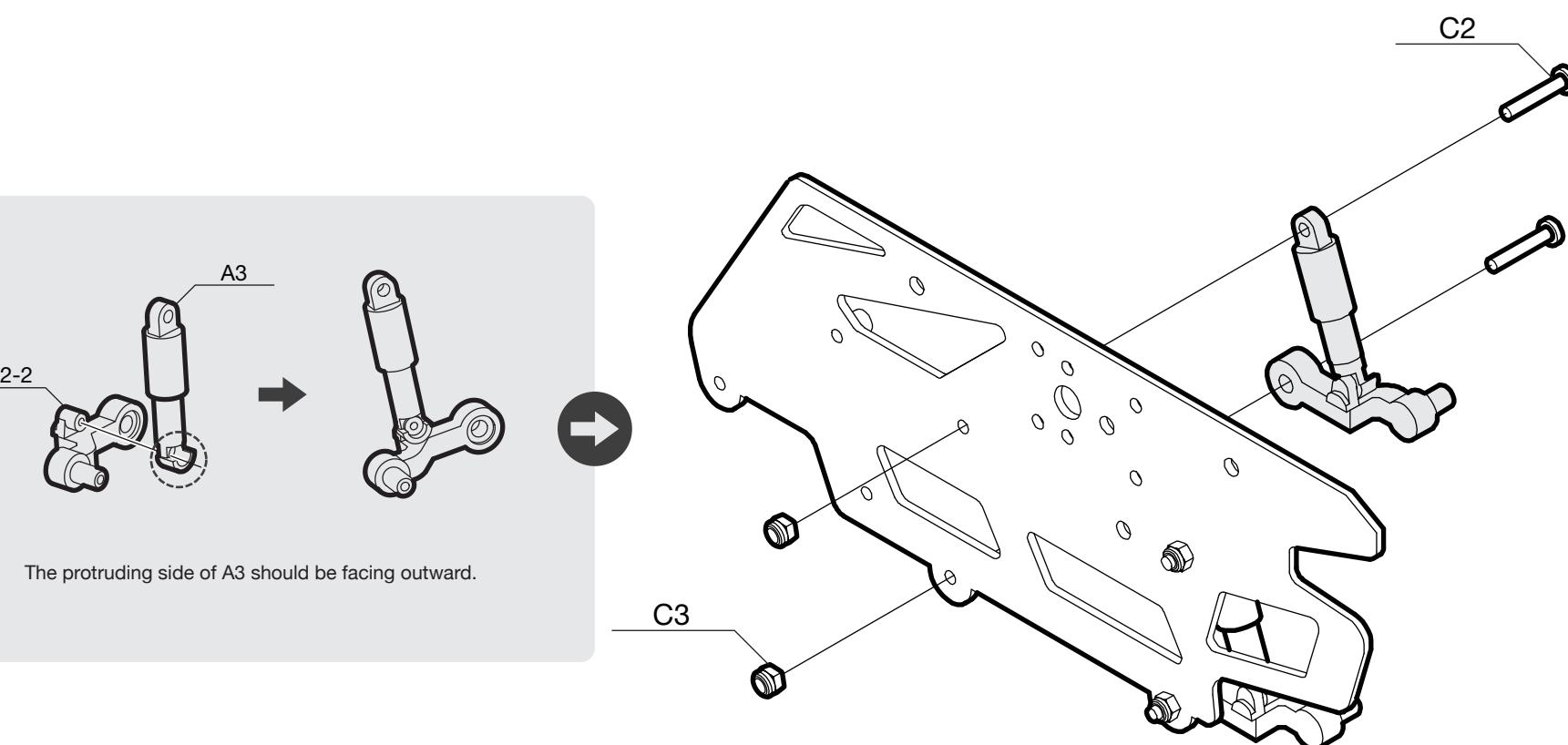
Assemble Side 1

Assemble Side 2



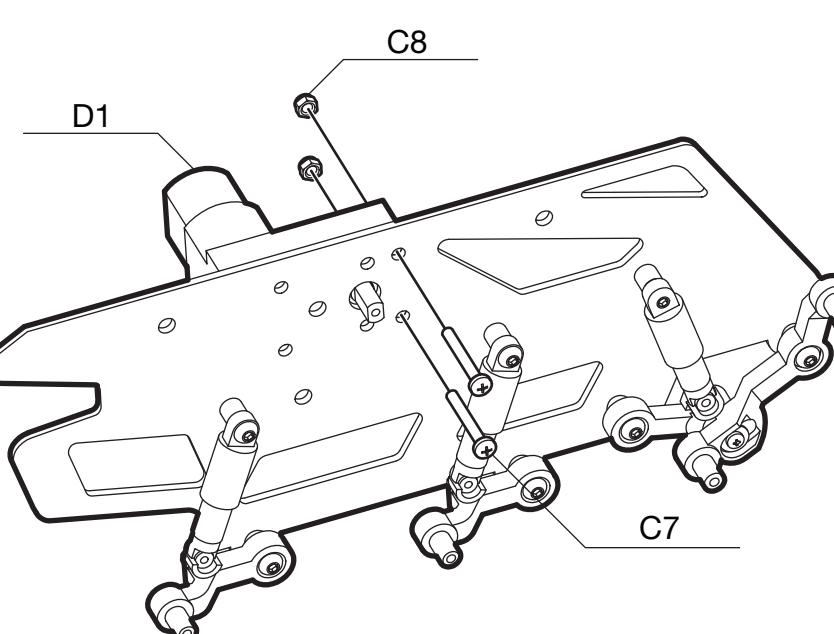
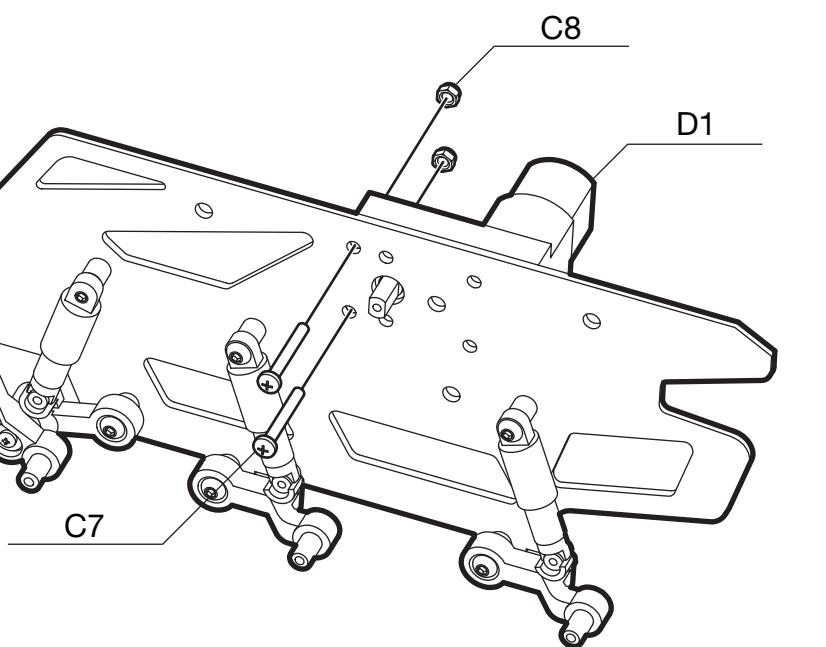
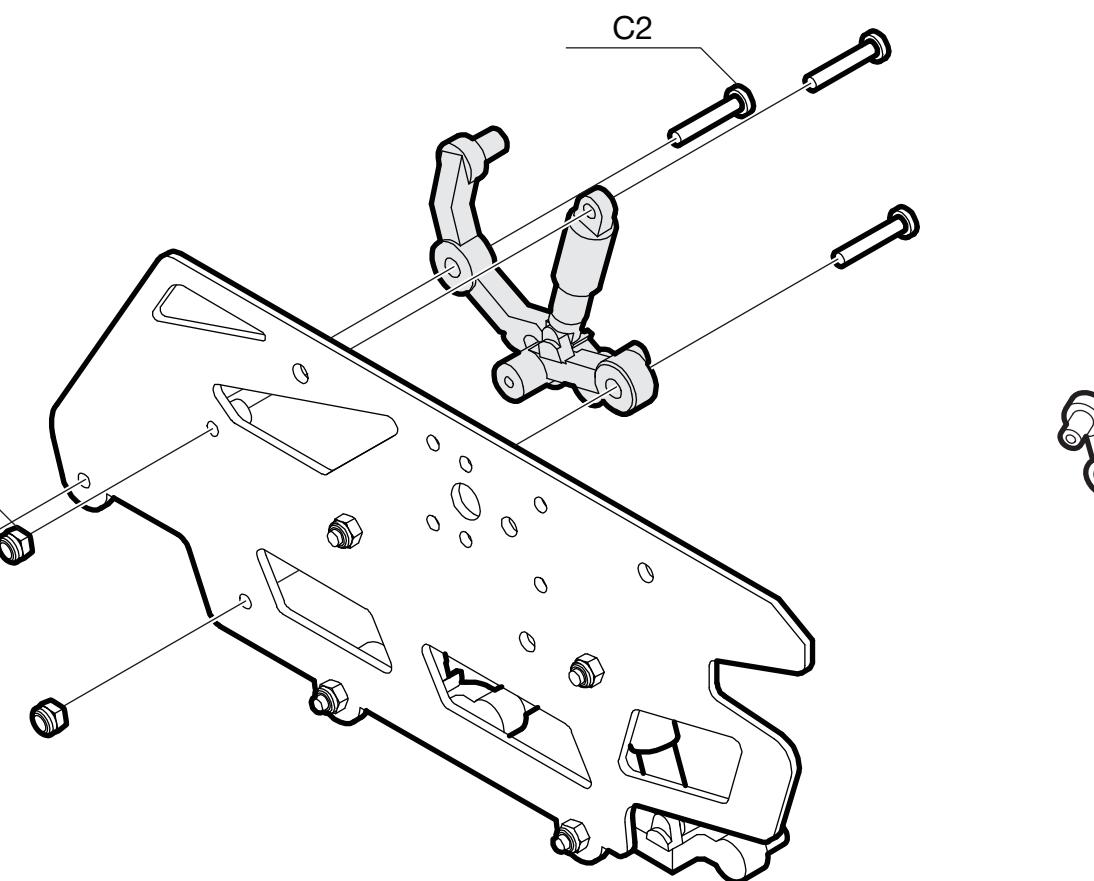
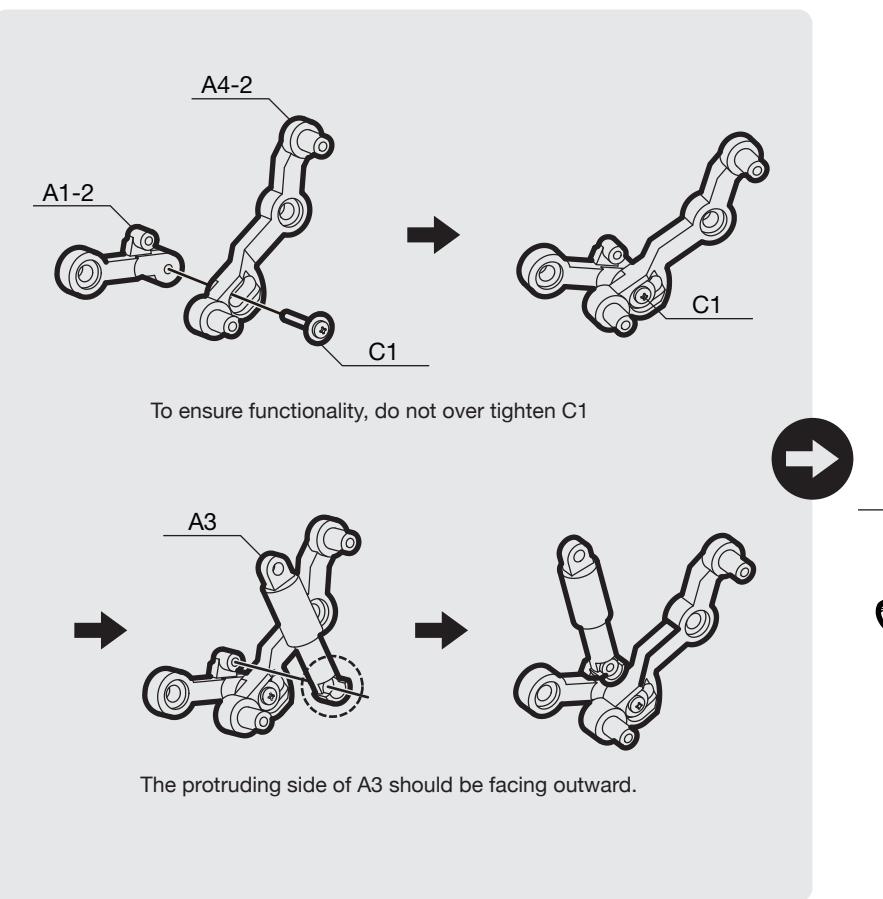
Make sure the aluminum side panel faces the correct direction.

Assemble Side 2



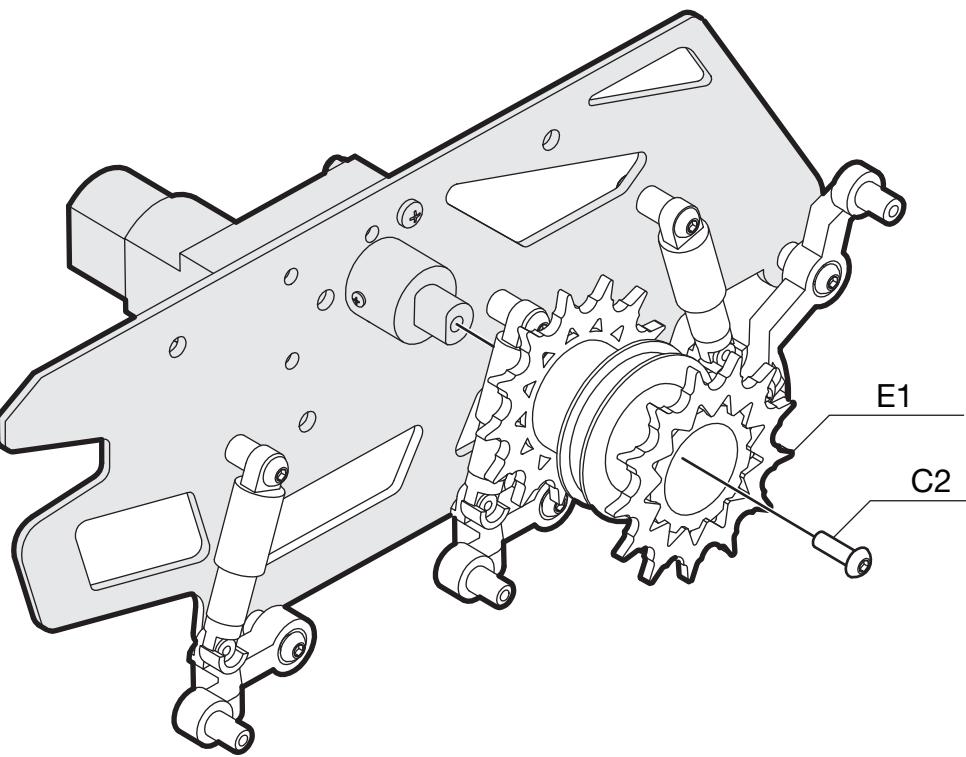
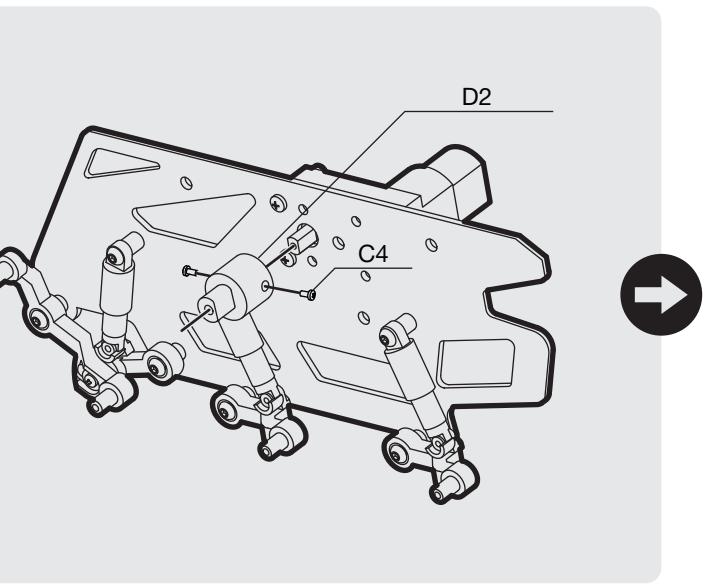
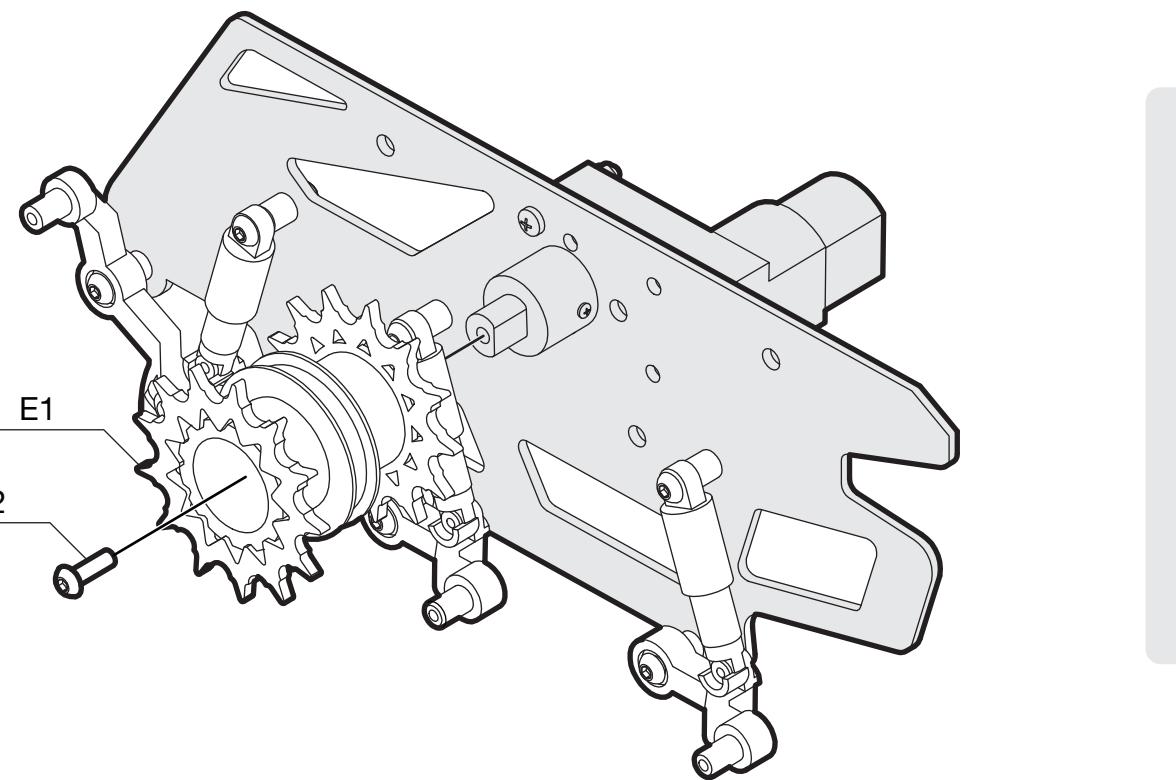
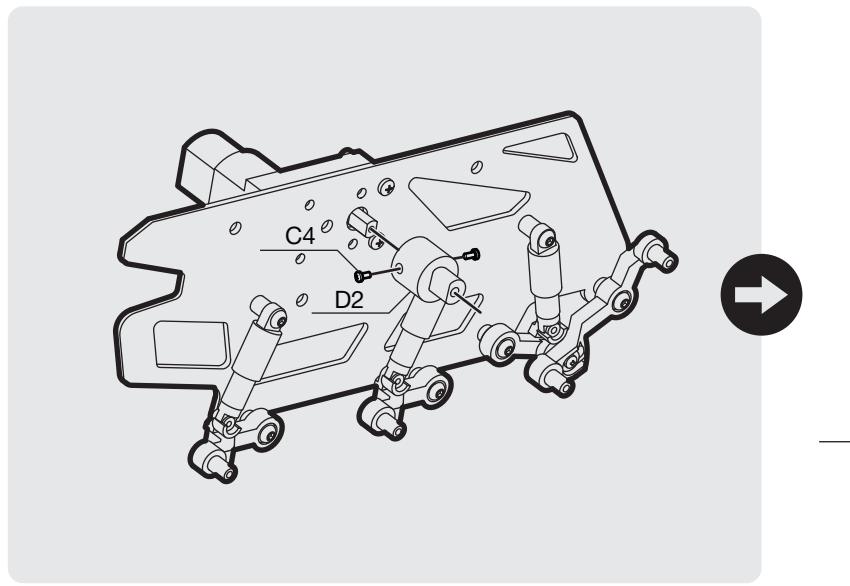
Make sure the aluminum side panel faces the correct direction.

## Assemble Side 2



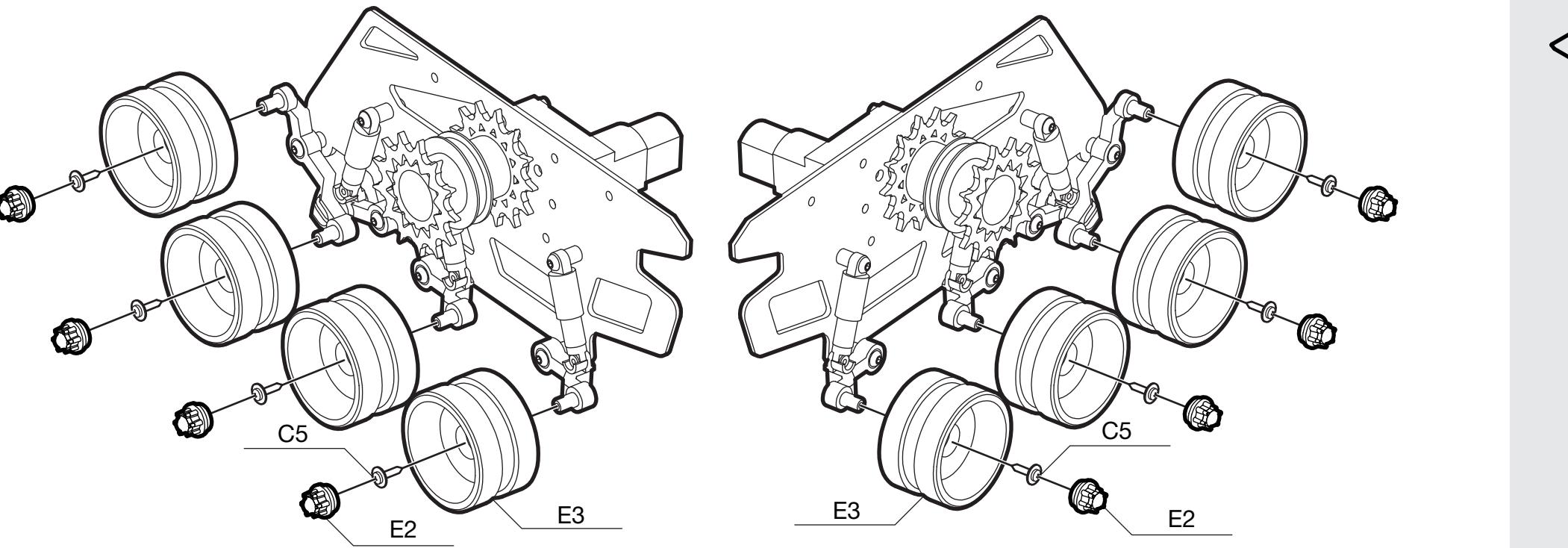
## Assemble Wheels

Assemble Wheels



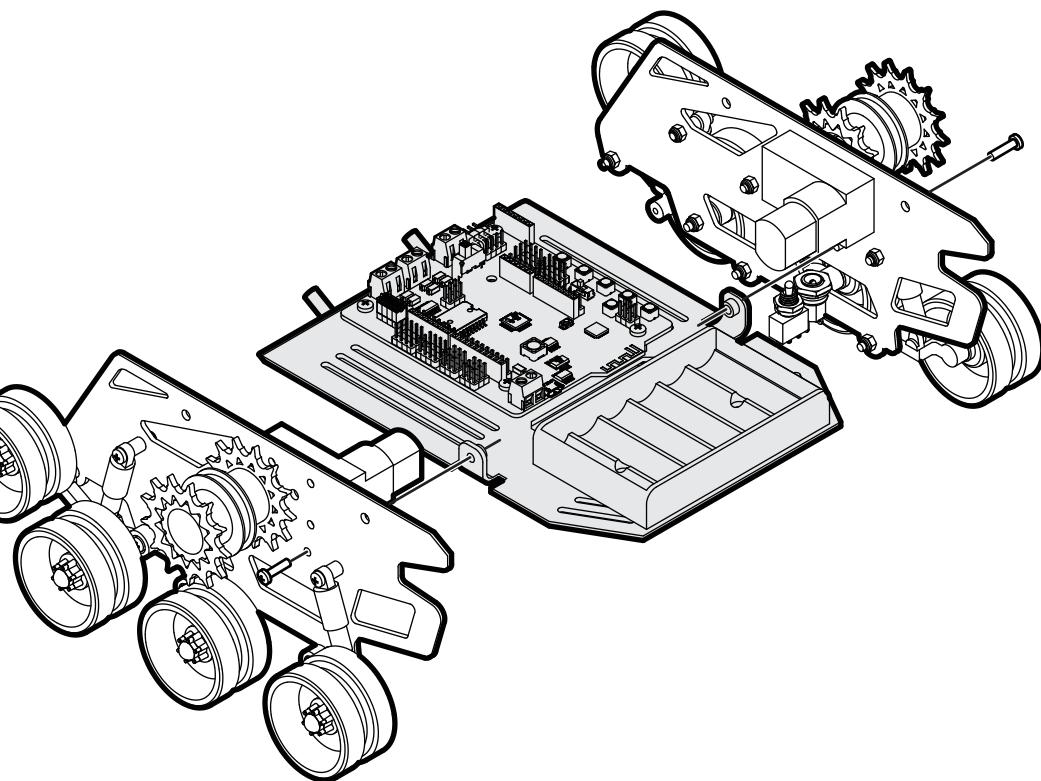
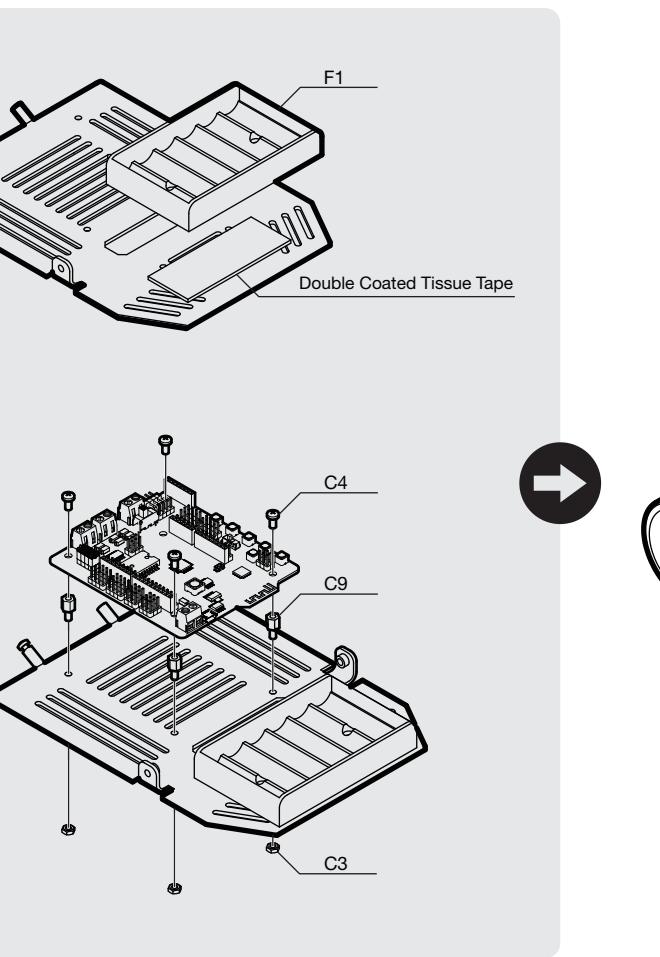
Assemble Wheels

## Assemble Wheels



The circuit diagram provided in this instruction sheet is based on the Romeo BLE micro controller.

## Electronics

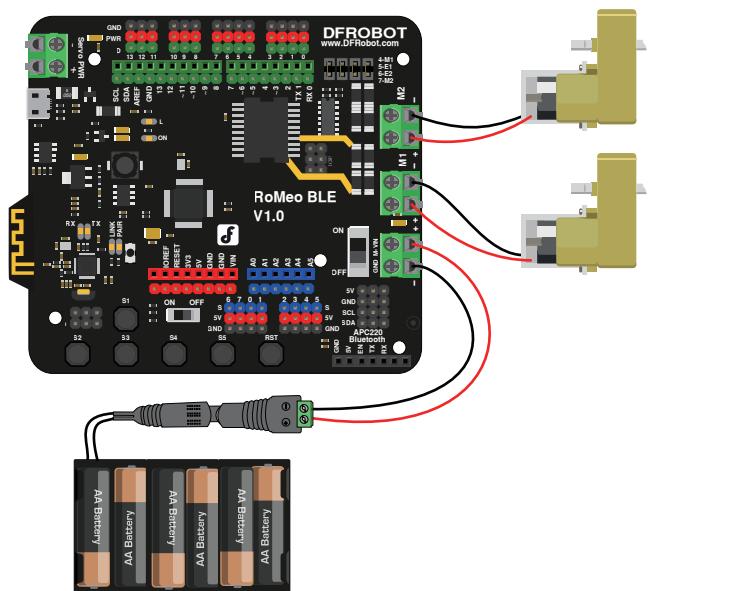


There are two options to power your device:

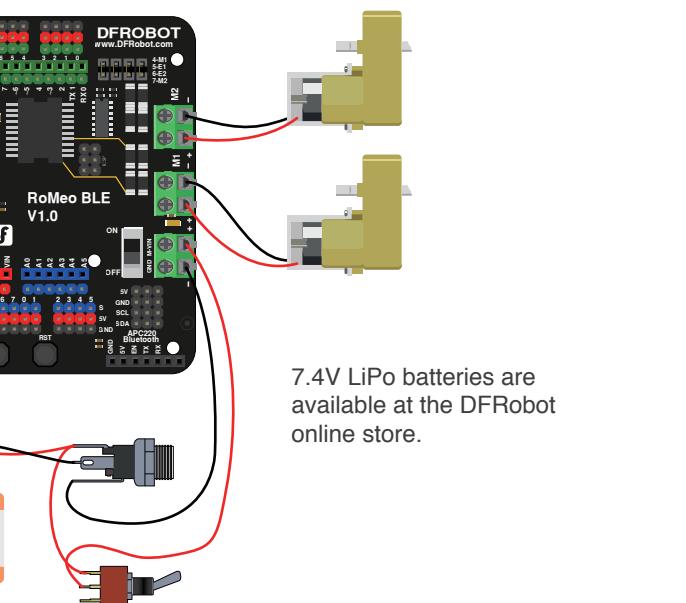
## Electronics

## Complete Assembly

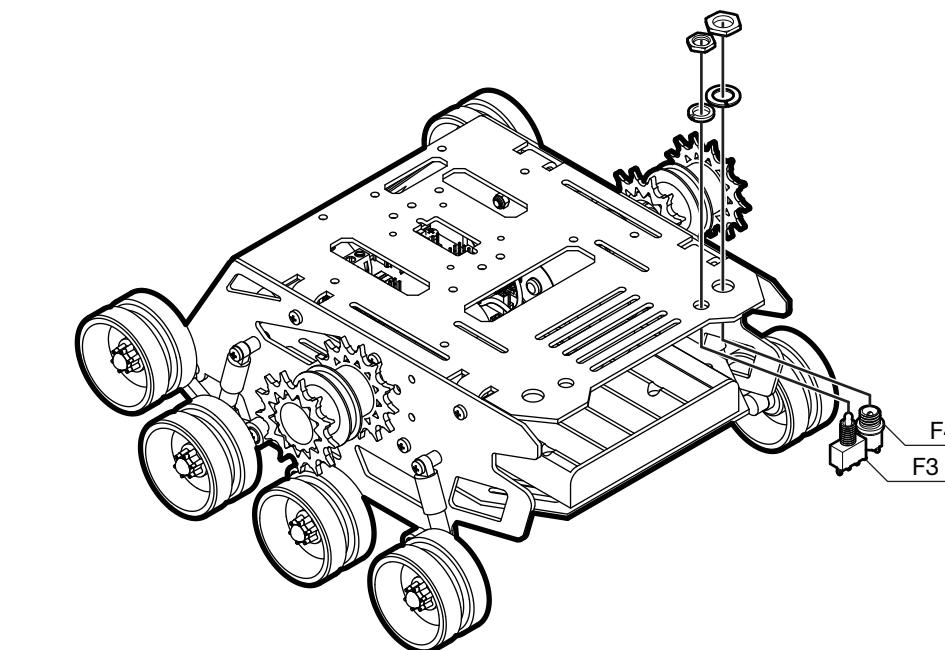
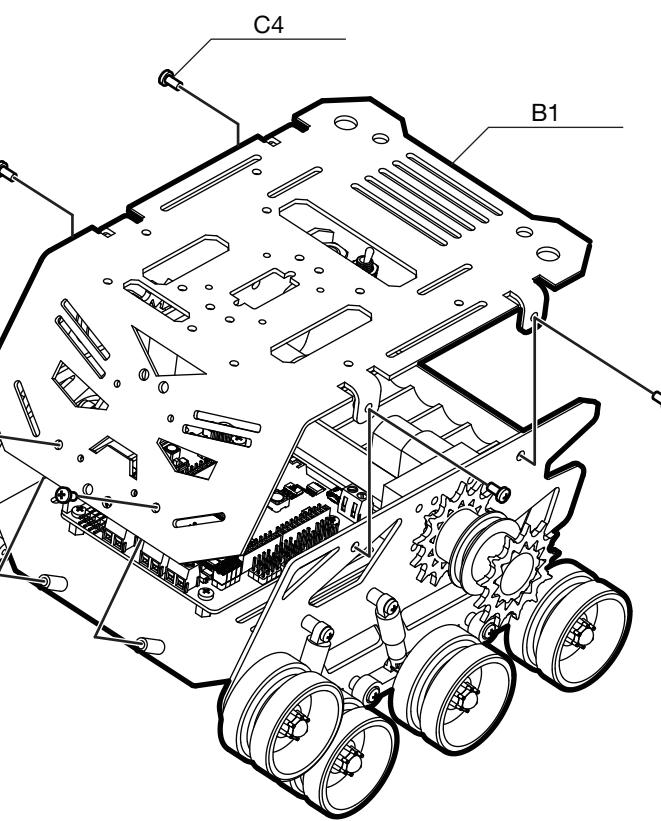
Option A: Battery holder power supply



Option B: Rechargeable battery power supply



7.4V LiPo batteries are available at the DFRobot online store.



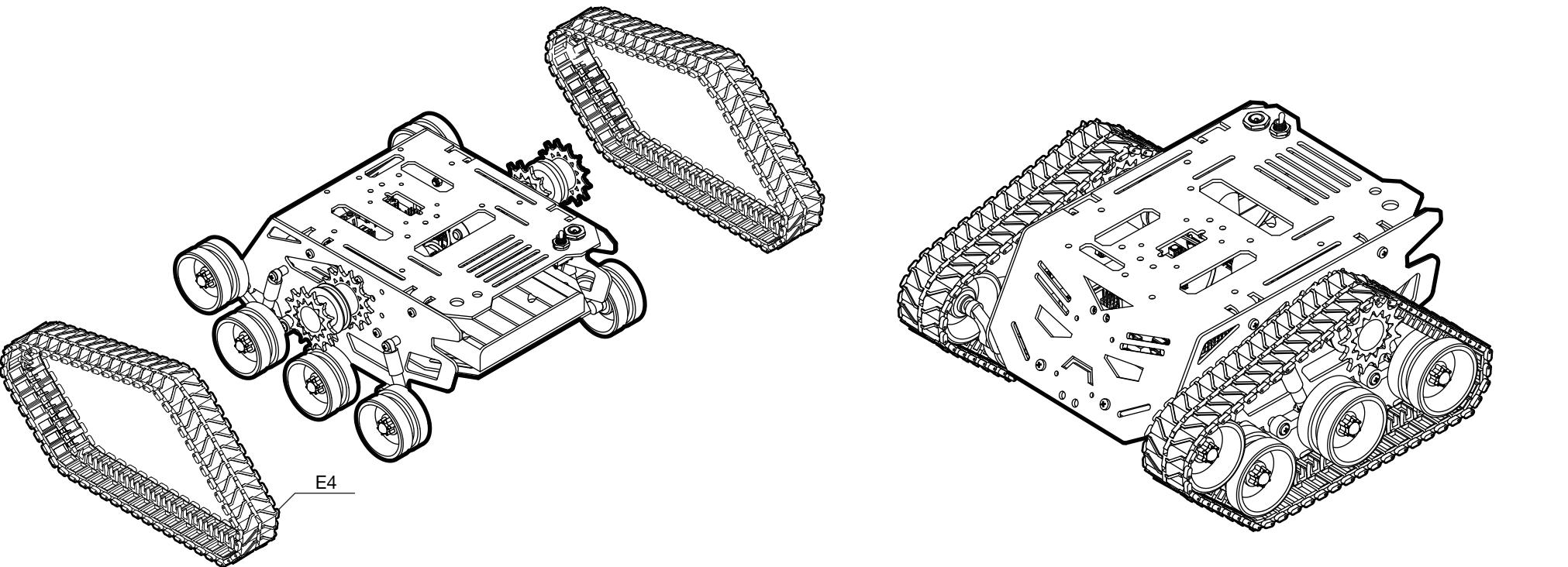
Refer to tutorials on DFRobot Wiki page for trouble shooting.

<https://www.dfrobot.com/wiki>

ROB0112



## Complete Assembly



## Recommended Products

### Autonomous Obstacle Avoiding Robot

Romeo BLE Controller	(SKU: DFR0305)	X1
Goteck Micro Metal Gear Servo	(SKU: SER0011)	X1
URM37 Ultrasonic Sensor	(SKU: SEN0001)	X1
URM37 Ultrasonic Mounting Bracket	(SKU: FIT0006)	X1

### WiFi Monitoring Robot

Romeo BLE Controller	(SKU: DFR0305)	X1
Hexa Base Rotate KIT	(SKU: ROB0114)	X1
DSS-P05 Standard Servo	(SKU: SER0020)	X2
Pan and Tilt Kit	(SKU: FIT0004)	X1
URM37 Ultrasonic Sensor	(SKU: SEN0001)	X1
URM Ultrasonic Mounting Bracket	(SKU: FIT0006)	X1
2.4G WIFI Camera	(SKU: SEN0022)	X1

### Accessories

7.4V Lipo 2200mAh Battery	(SKU: FIT0137)
Mounting Kit	(SKU: FIT0225)
Jumper Wires 9" F/F	(SKU: FIT0030)
Magnet Micro USB Cable	(SKU: FIT0351-OE)

