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电话：86-21-61620183
技术支持：Techsupport@dfrobot.com
地址：上海市浦东新区亮秀路112号Y1座615室

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Address：Rm. 615, Bldg Y1, NO.112, Liangxiu Rd., Pudong, China

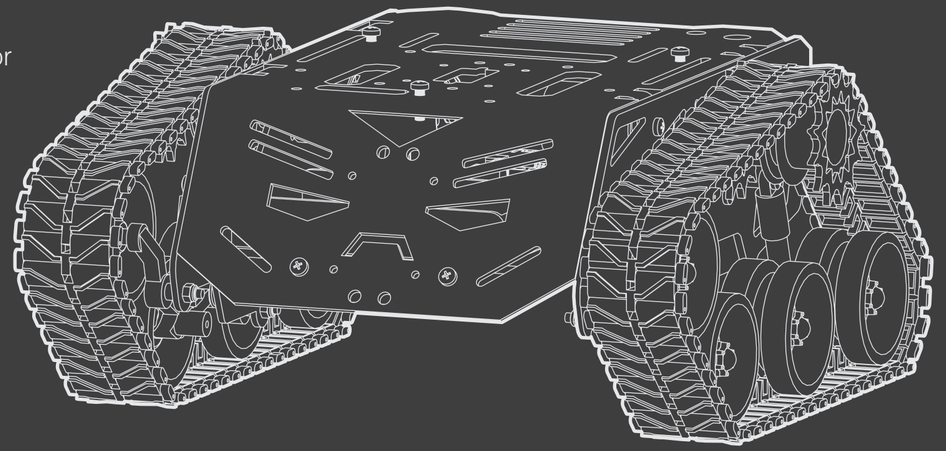
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◎ DFRobot has the final authority of interpretation on this manual.

DEVASTATOR

Tank Mobile Platform Instrution Manual

Metal DC Gear Motor
with Back Shaft



DFROBOT
DRIVE THE FUTURE

Parts List



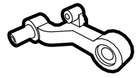
A1-1 x1



A1-2 x1



A2-1 x2



A2-2 x2



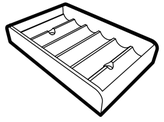
A3 x6



A4-1 x1



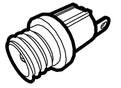
A4-2 x1



F1 x1



F2 x1



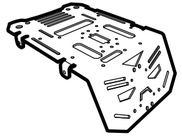
F3 x1



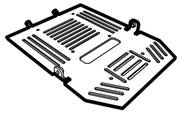
F4 x1



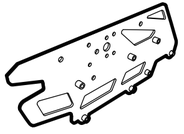
F5 x1



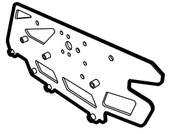
B1 x1



B2 x1



B3 x1



B4 x1



C1 x2

M2.6x14mm
Phillips Self Tapping Screw



C2 x16

M3x16mm
Phillips Pan Head Machine Screw



C3 x20

M3
Locknut



C4 x16

M3x6mm
Phillips Pan Head Machine Screw



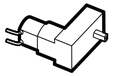
C5 x8

M2.6x8mm
Phillips Self Tapping Screw



C6 x2

M3x10mm
Phillips Flat Head Machine Screw



D1 x2



D2 x2



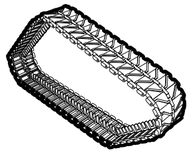
E1 x2



E2 x8



E3 x8



E4 x2



C7 x4

M2.5x20mm
Phillips Pan Head Machine Screw



C8 x4

M2.5
Locknut

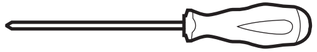


C9 x4

M3x6mm
Hexagonal Standoffs



Essential Tools

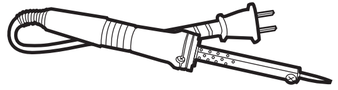


M3 Phillips Screwdriver

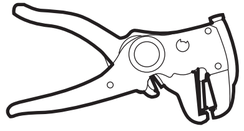


Small Cross Sleeve Wrench

Selection Tool

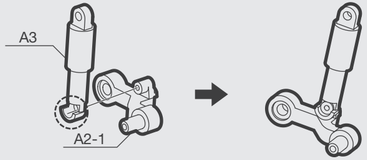


Soldering Iron

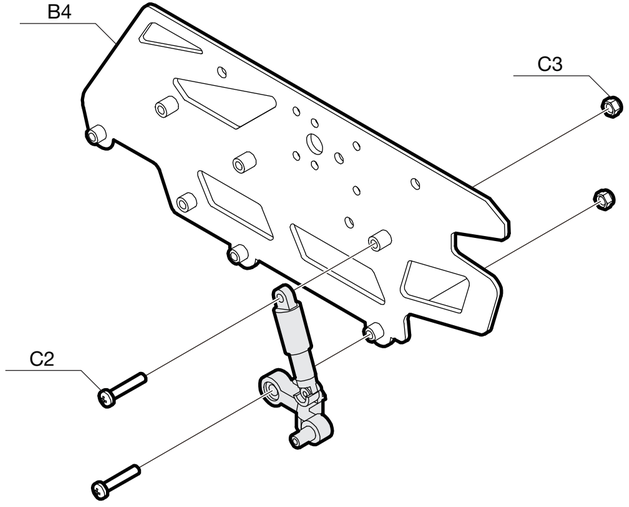


Wire Strippers

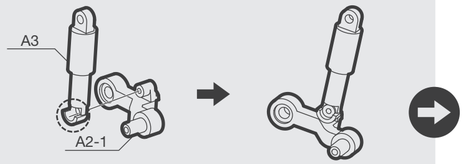
Note: Tools and Batteries are not included.



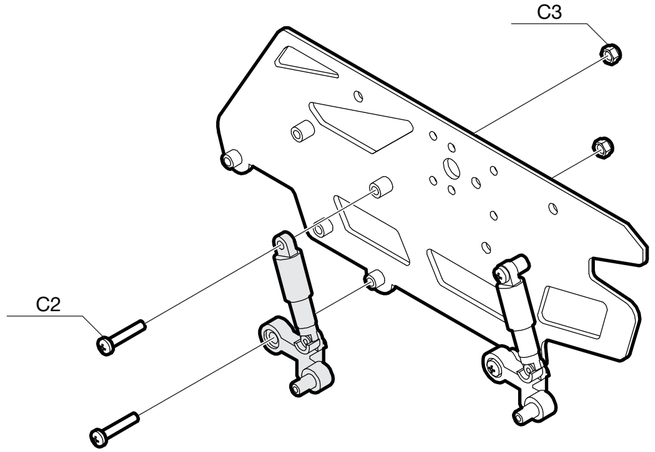
The protruding side of A3 should be facing outward.



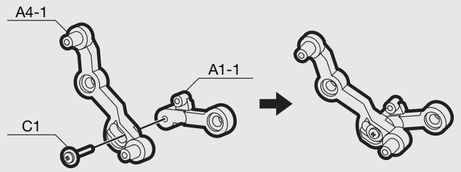
Make sure the aluminum side panel faces the correct direction.



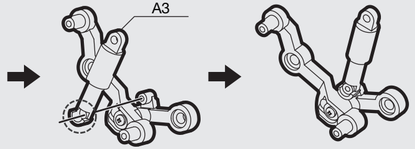
The protruding side of A3 should be facing outward.



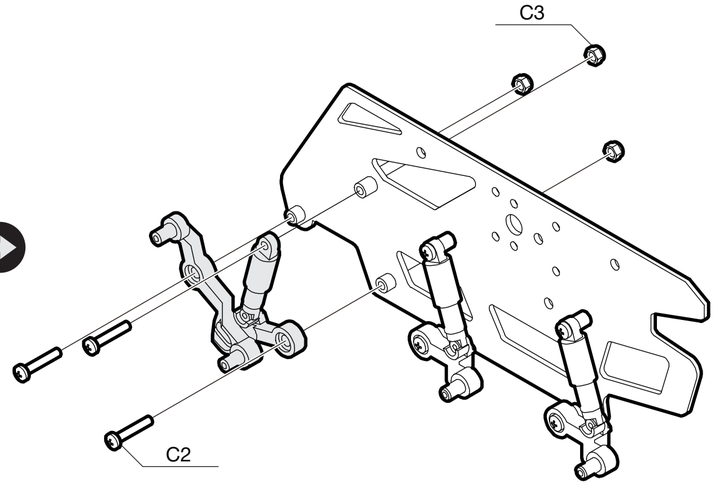
Make sure the aluminum side panel faces the correct direction.



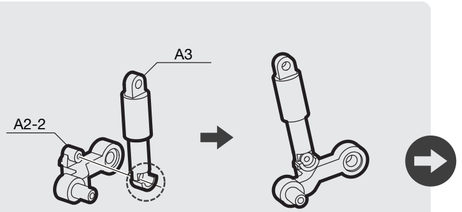
To ensure functionality, do not over tighten C1



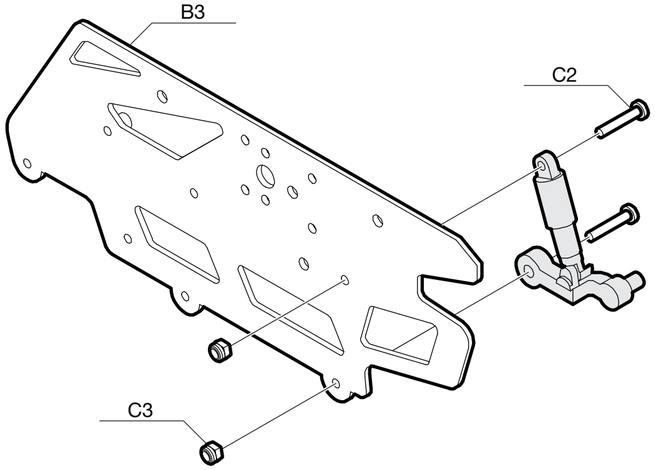
The protruding side of A3 should be facing outward.



Assemble Side 1

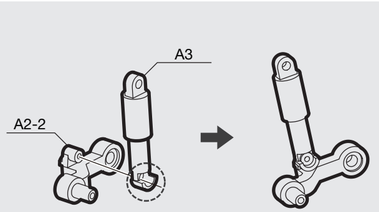


The protruding side of A3 should be facing outward.

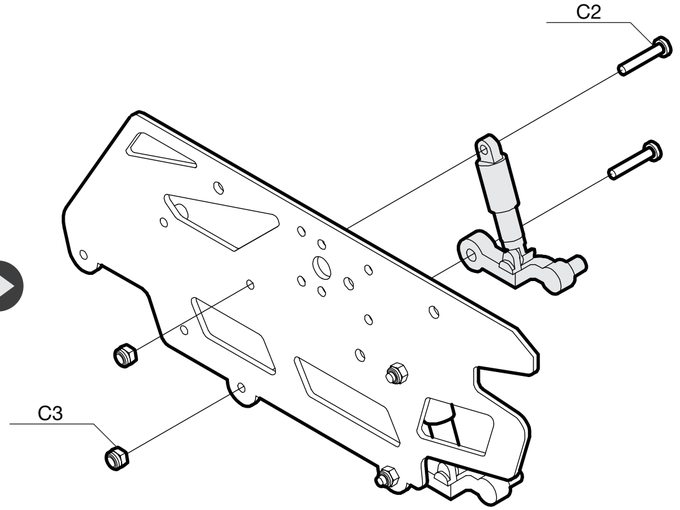


Make sure the aluminum side panel faces the correct direction。

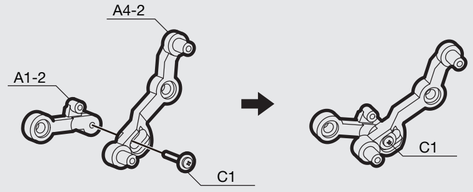
Assemble Side 2



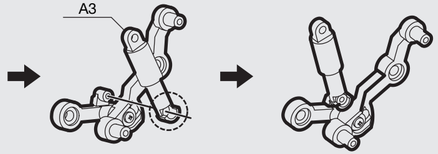
The protruding side of A3 should be facing outward.



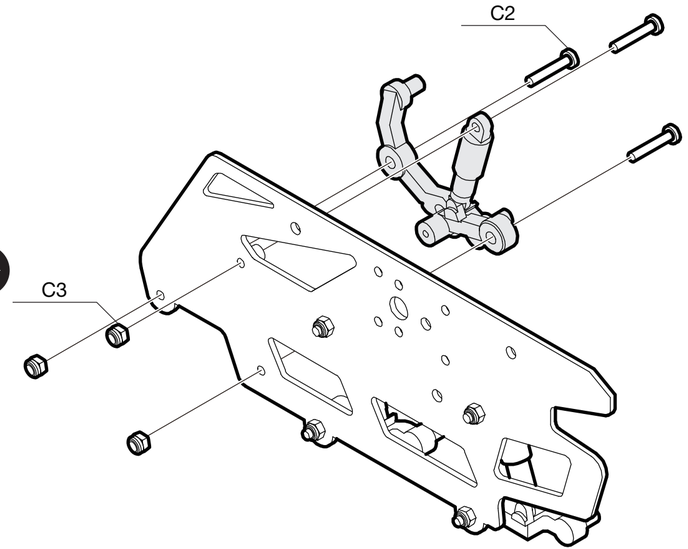
Make sure the aluminum side panel faces the correct direction。

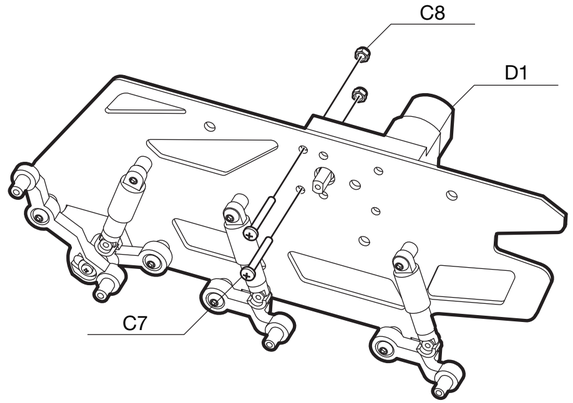


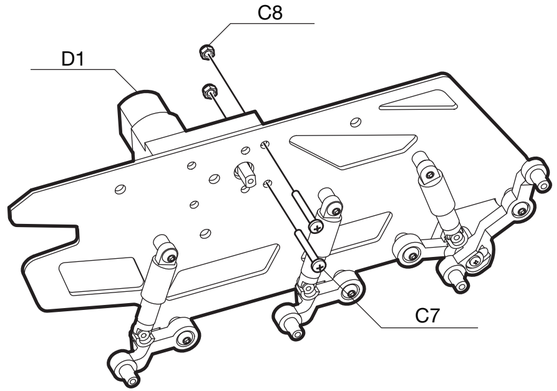
To ensure functionality, do not over tighten C1

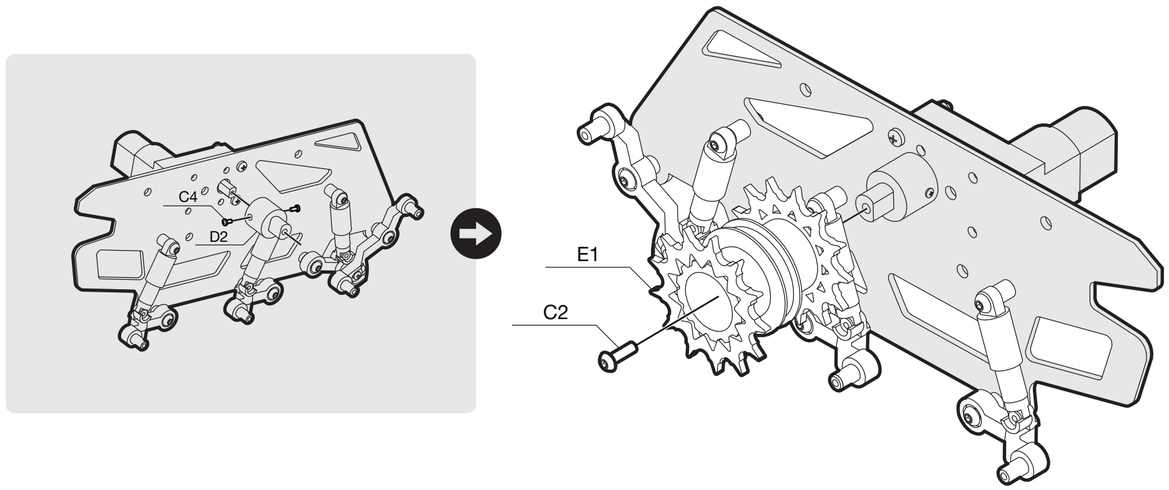


The protruding side of A3 should be facing outward.

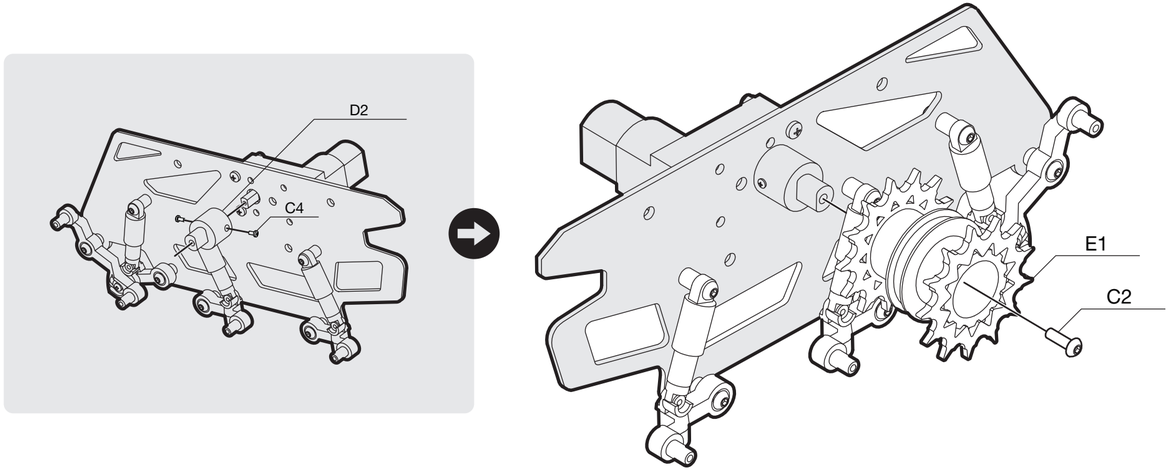


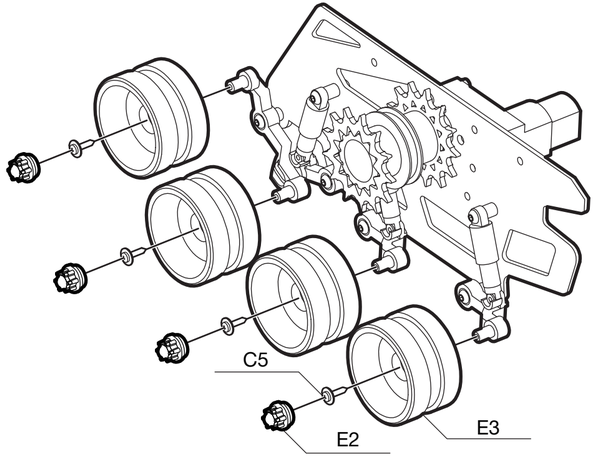


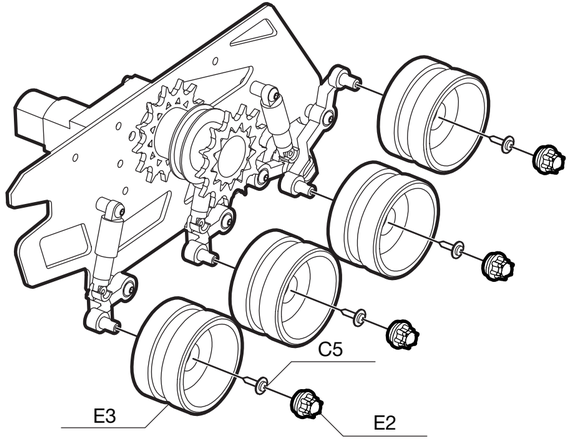




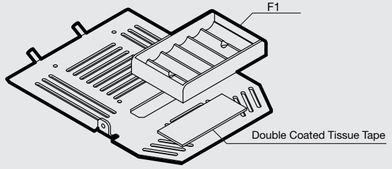
Assemble Wheels

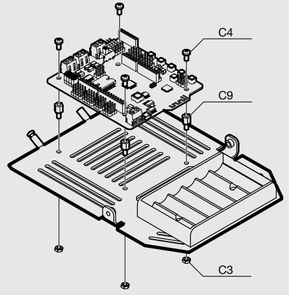


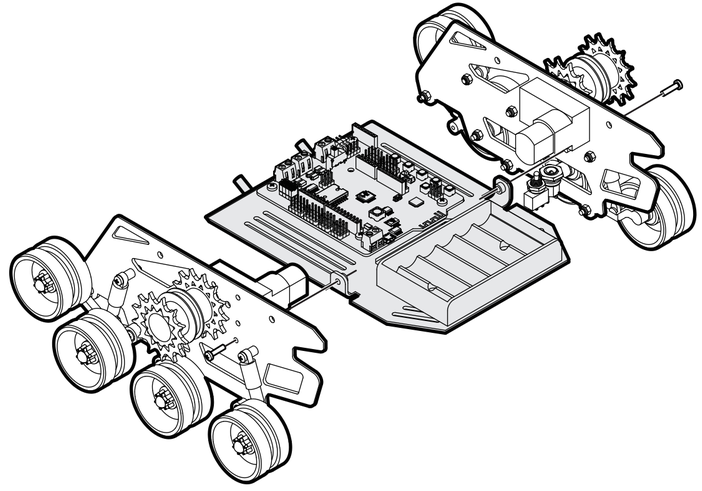




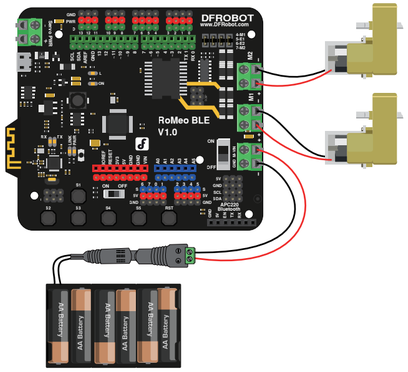
The circuit diagram provided in this instruction sheet is based on the Romeo BLE micro controller.



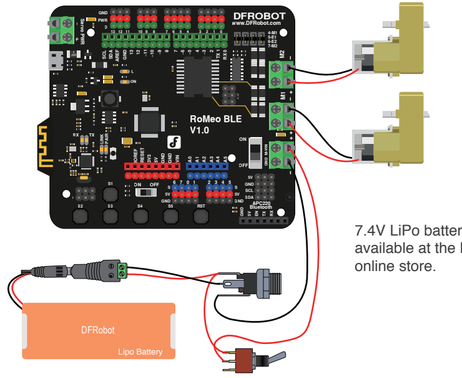




Option A: Battery holder power supply



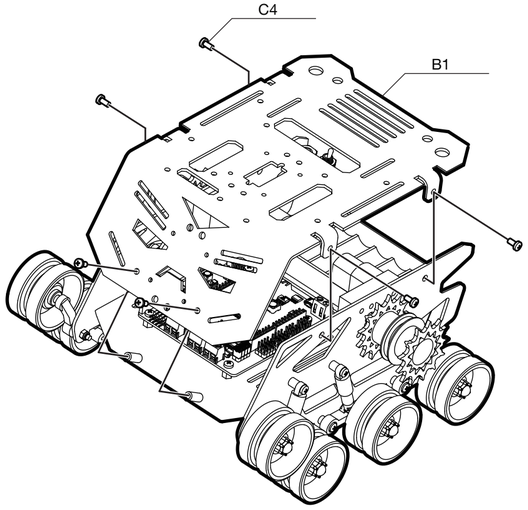
Option B: Rechargeable battery power supply

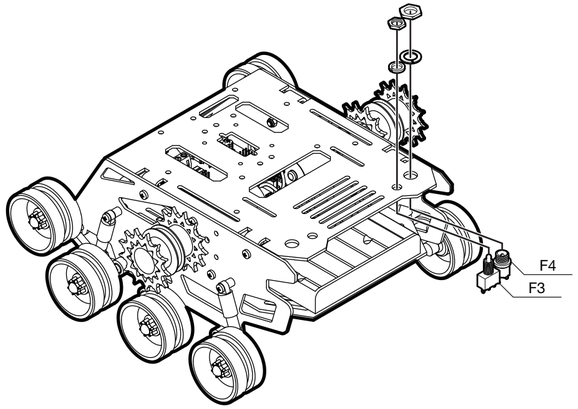


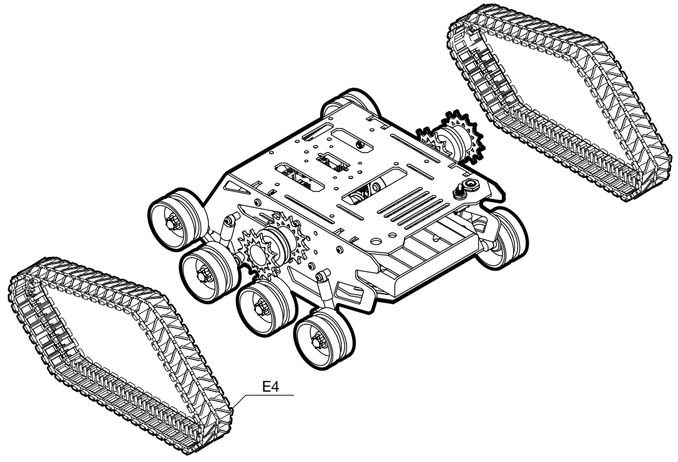
7.4V LiPo batteries are available at the DFRobot online store.

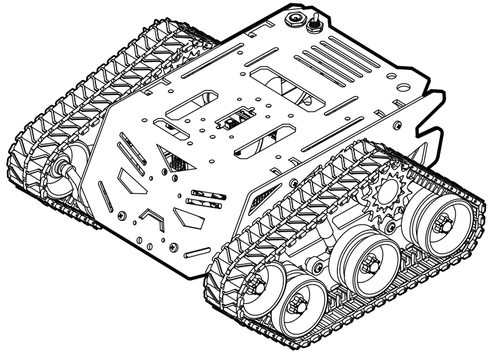
Refer to tutorials on DFRobot Wiki page for trouble shooting.
https://www.dfrobot.com/wiki

ROB0112









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)

