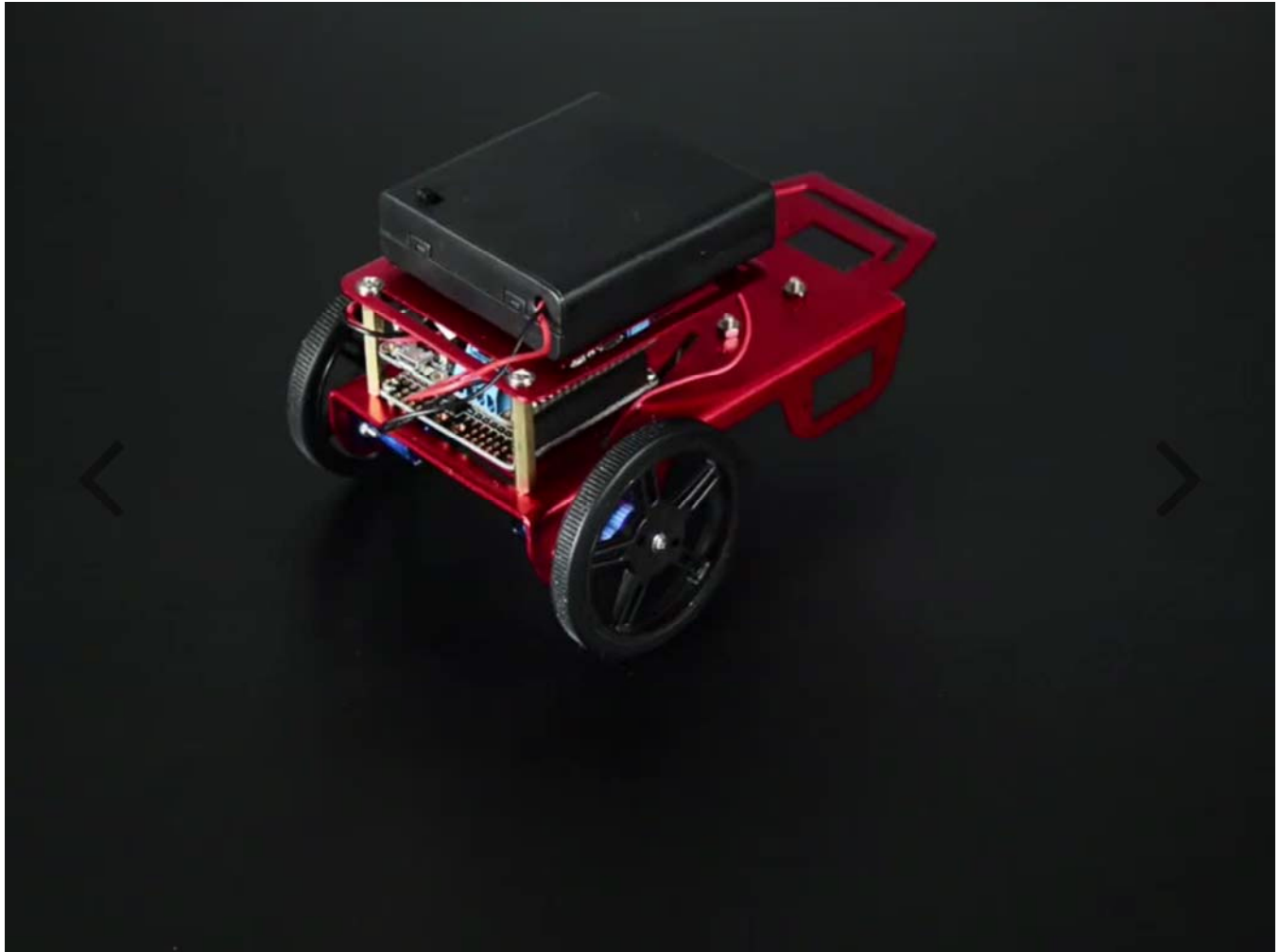# Mini Robot Rover Chassis Kit – 2WD with DC Motors

PRODUCT ID: 2939

DESCRIPTION   –

Unleash your inner Mad Max and make your vehicle dreams a reality with the Mini Robot Rover Kit.

This kit gives you everything you need to build the shell of a 2-wheel-drive Robot Rover! You get the chassis, 4-6 VDC motors and wheels. You'll fill in the rest with power supply, microcontroller or microcomputer and a dual H-bridge motor controller.

We of course have suggestions to run the motors like our TB6612 breakout, Motor FeatherWing, Motor Shield for Arduino, or Motor HAT for Raspberry Pi. Basically anything that can do two bi-directional brushed DC motors at ~5V and 1A. To steer the wheels, you'll need something to toggle the motor driver like our Feather 32u4 Bluefruit LE that we used in our demo, and to power the rover/microcontroller we used a AA Battery Pack and a 3.7v 350mAh LiPoly Battery, but this is all up to you and your imagination!

Note: 4xAA Battery pack, LiPoly Battery, Feather board, FeatherWings, and Feather accessories are not included! This is just the body of the robot rover.

Kit includes:

- 2x Wheels
- 2x DC Motors in MicroServo shape
- 1x Support Wheel
- 1x Metal Chasis
- 1x Top Metal Plate with mounting hardware

We have a comprehensive tutorial on building a Feather Bluefruit LE version of the Robot Rover. It's one of infinite possible designs, but gives you a sense of the possibilities for remote-control robotics.

Technical Details

Assembled Dimensions:

Length of Metal Chasis: 156mm / 6.1"
Width of Car (wheels assembled): 103mm / 4"
Height (with top metal plate and wheels): 73.5mm / 2.9"