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The Robot Program Episode 007: Six Box Contents

This lesson will introduce the contents of the Revolution Six robot kit. Follow along with The Robot Program Episode 007: Six Box Contents. At the end of this lesson, readers will be able to identify the parts of the robot, the charging components, the Getting Started Guide, and where to find more information.

View the video episode here: https://www.ez-robot.com/Tutorials/Lesson/50

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Professor E's Overview

Important information and online links can be viewed in the **Getting Started Guide**.

Six is a hexapod crawler robot that has six legs available for movement.

The parts reviewed in this lesson include:

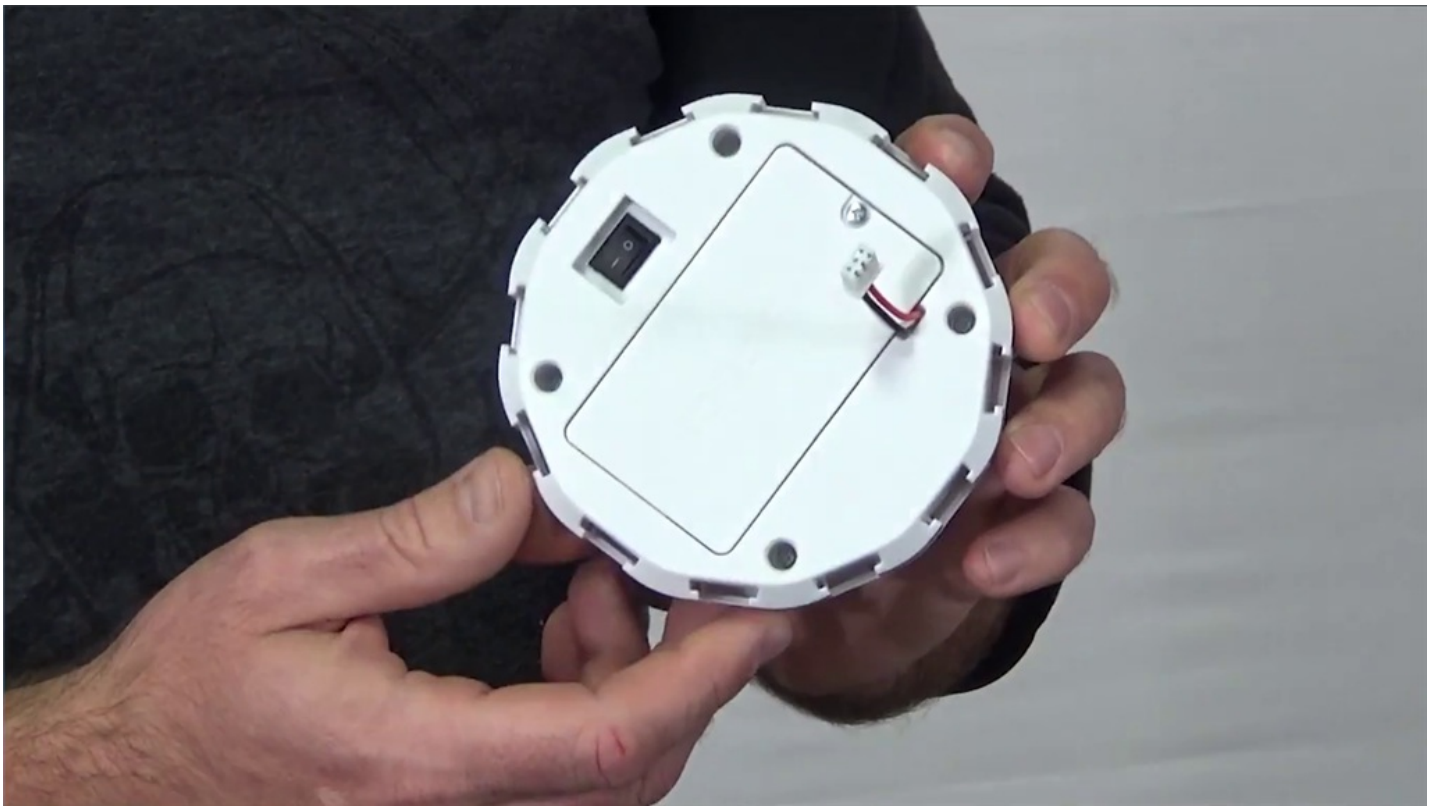
- A Hexapod Dome and Hexapod Body
- The EZ-B v4 Robot Controller
- The EZ-B v4 Camera
- Twelve Lever Servos that act as motorized robot joints
- Six Hexapod Feet for movement
- The Wire Wraps will be used to organize the cables of the robot
- Battery charging components

Step 1

Welcome to **Revolution Six**. The **Getting Started Guide** gives an overview of important information.

Step 2

Six is a hexapod crawler robot that has six legs available for movement. The **Hexapod Body** contains a **LiPo Battery** and power switch.

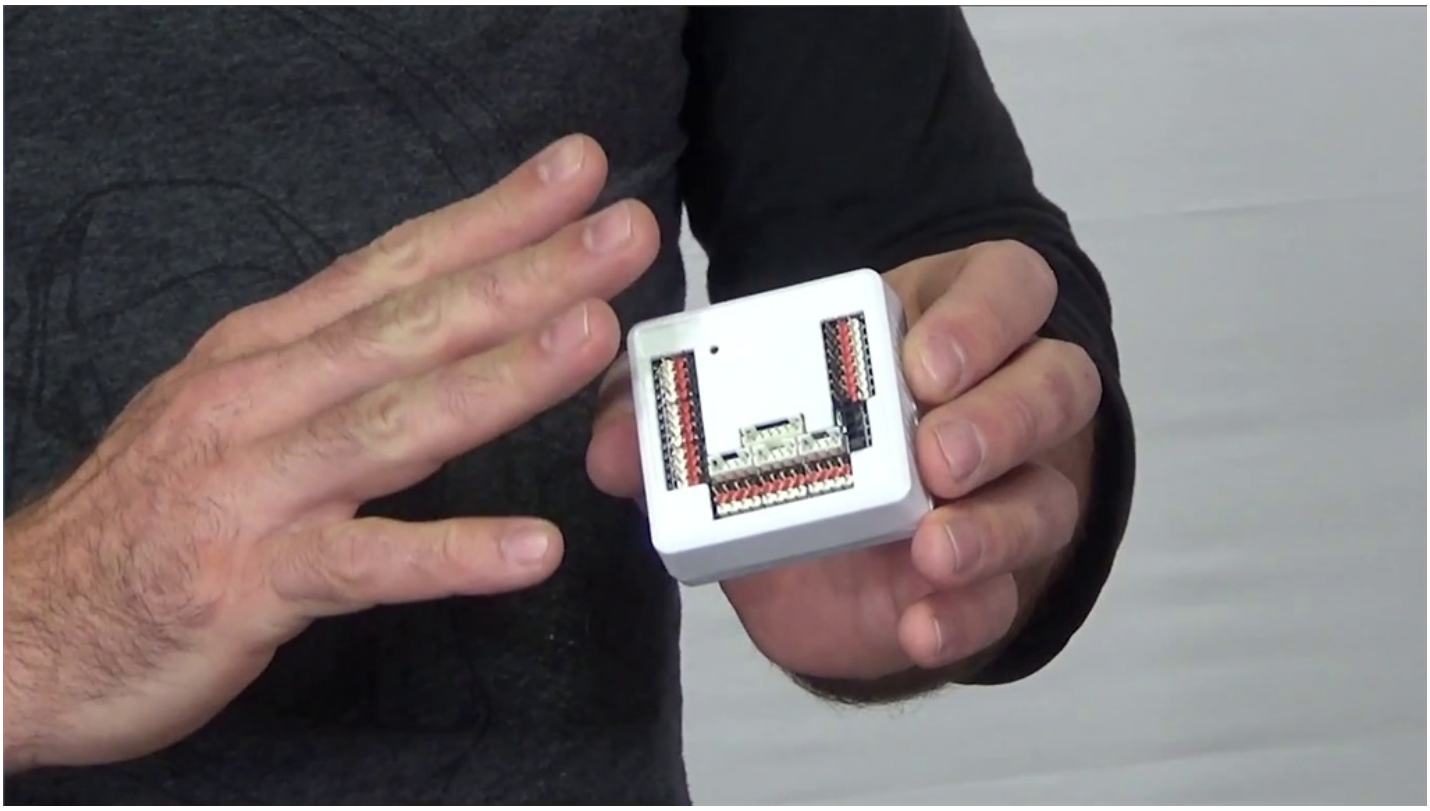


Step 3

See how to attach the **Hexapod Dome** to the **Hexapod Body** in **Episode 008**.

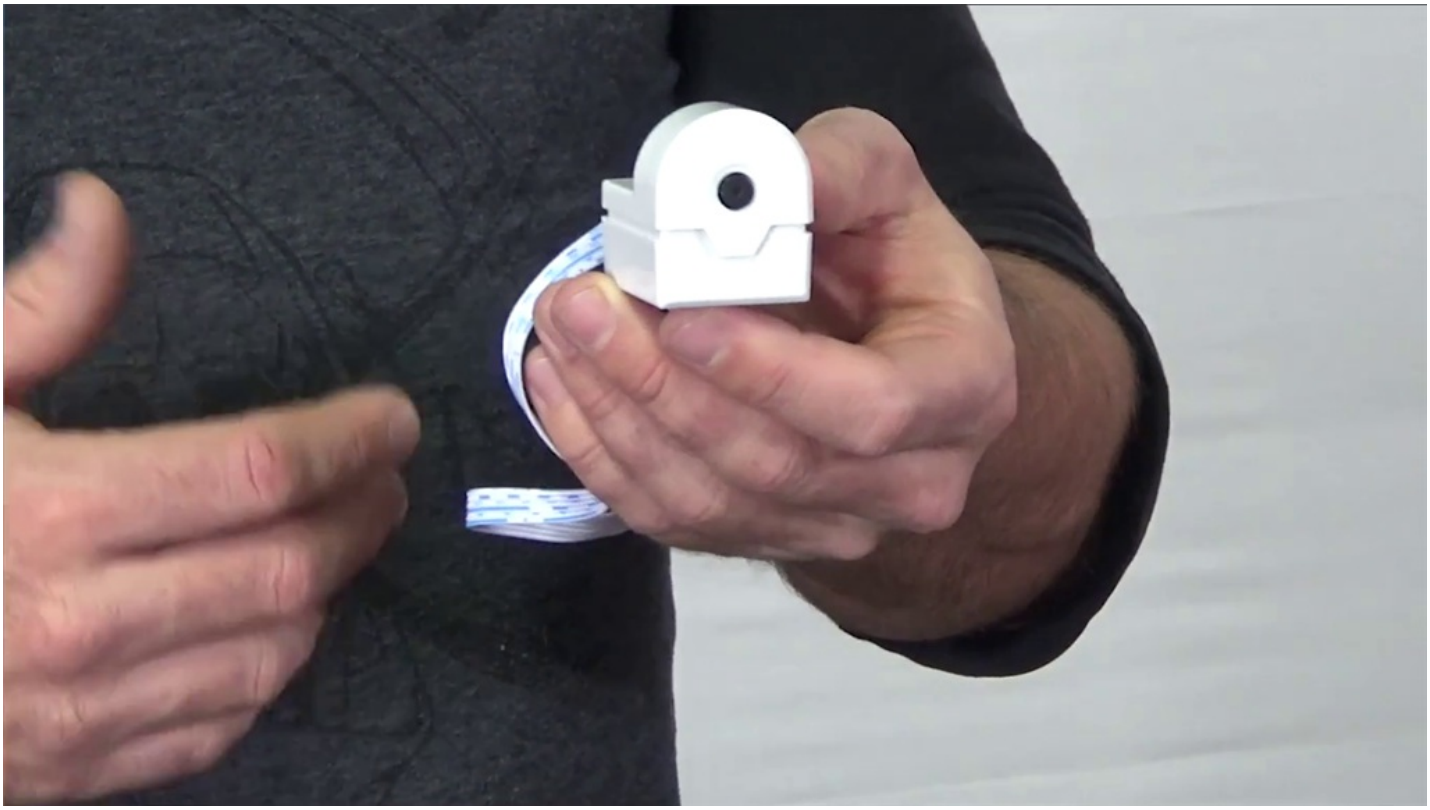
Step 4

The **EZ-B Robot Controller** houses a speaker and all connection ports. It connects to the computer using Wi-Fi.



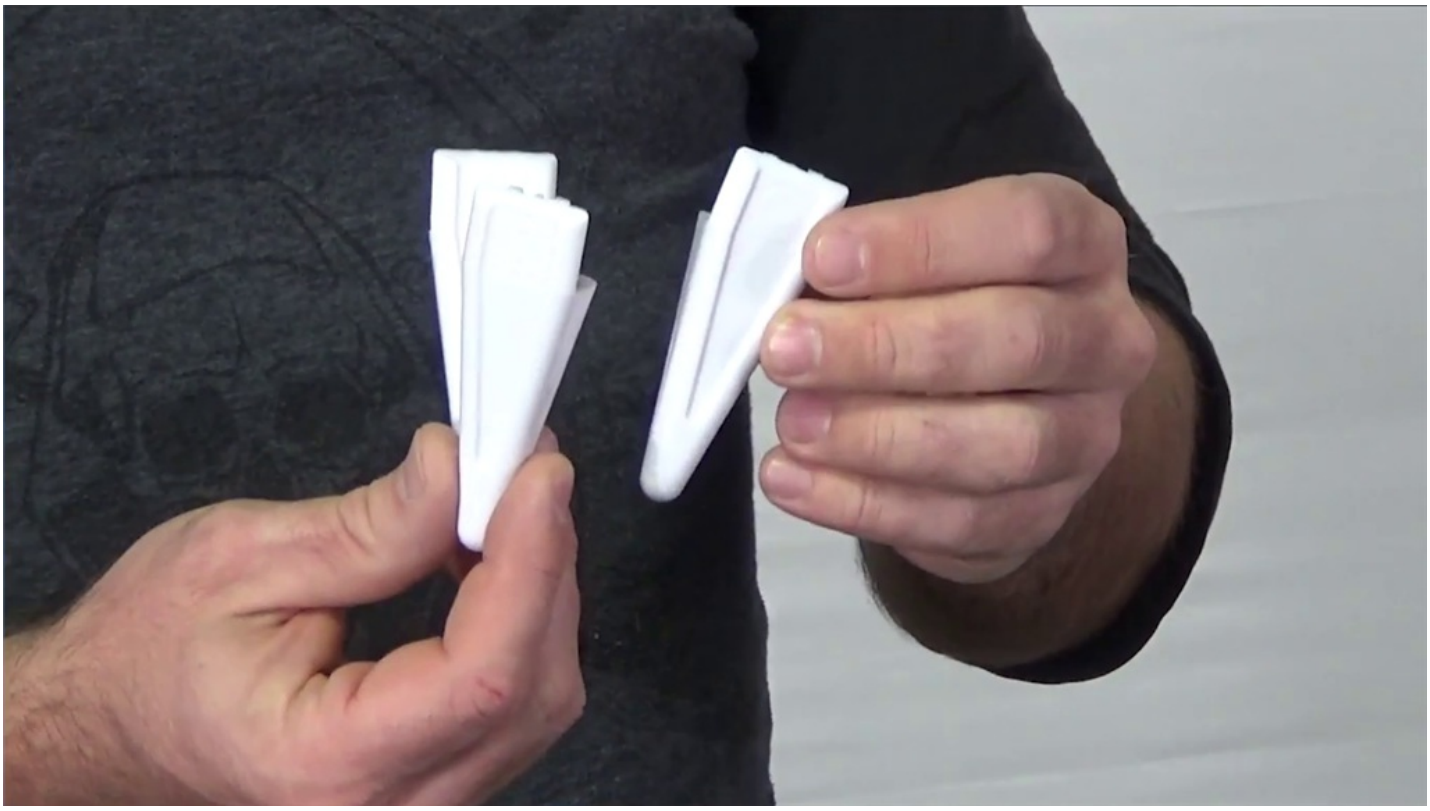
Step 5

The camera attaches to the **Hexapod Dome** and provides peripheral information.



Step 6

Clipâ€™nâ€™Play EZ-Bits together to build and customize the robot. Each **Hexapod Foot** has a slim peg shape.

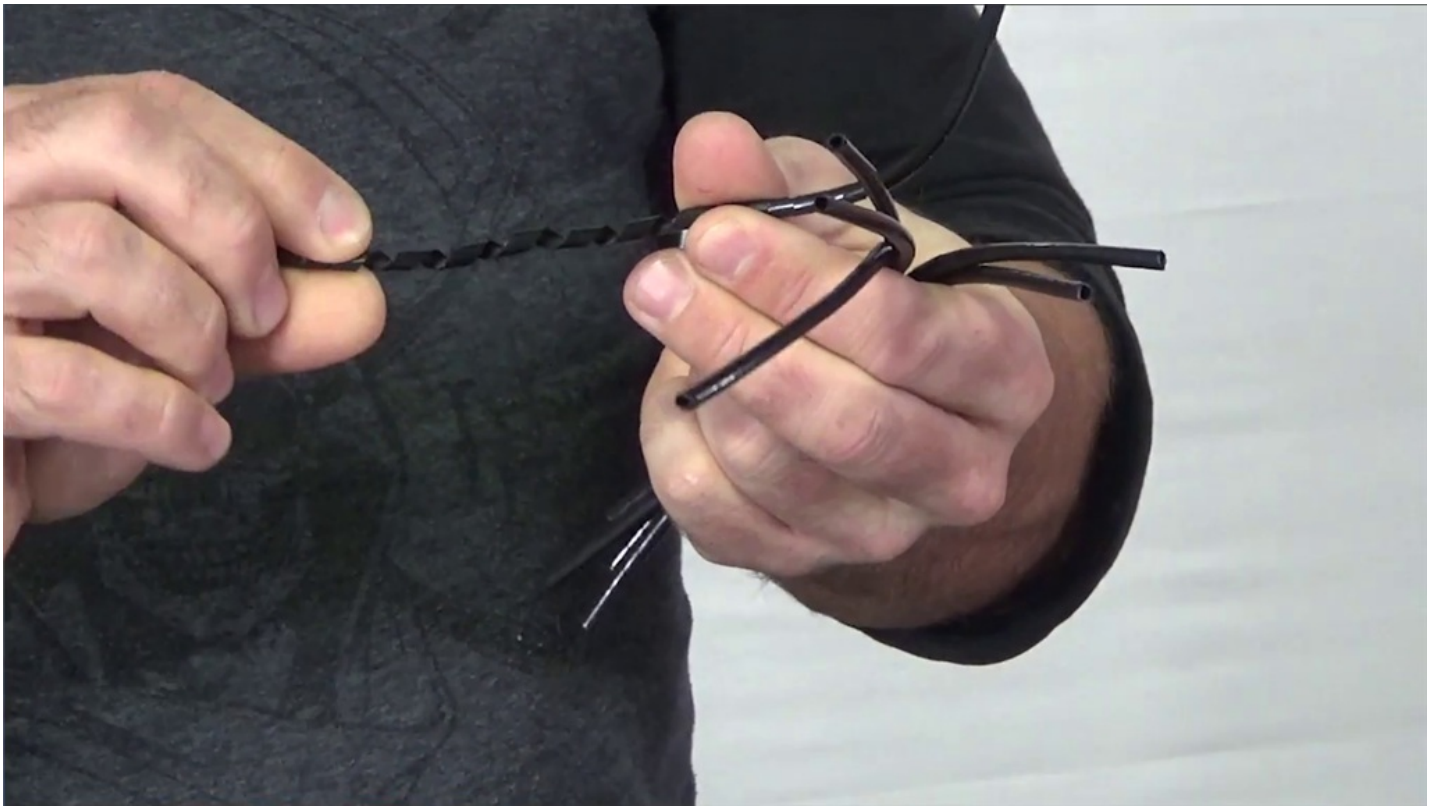


Step 7

Review charging in **Episode 005**, using the included charger, transformer, and international adapters.

Step 8

Use **Wire Wraps** to organize the connection cables.



Step 9

There are two layers of **EZ-Bits** in the **Revolution Six** kit.

Step 10

Lever Servos are a type of motor that can be controlled for specific positions. They act as joints for robot movement.

Quiz

Question #1 What type of robot is Six?

Question #2 Which type of component acts like joints for the robotâ€™s movement?

Question #3 What is the term for EZ-Robot components?

View the answers to this quiz at www.ez-robot.com/Tutorials/Lesson/50.

Visit www.TheRobotProgram.com for more episodes.