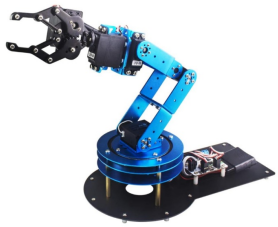

LewanSoul Robotic Arm Kit 6DOF Programming Robot Arm Instructions

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LewanSoul

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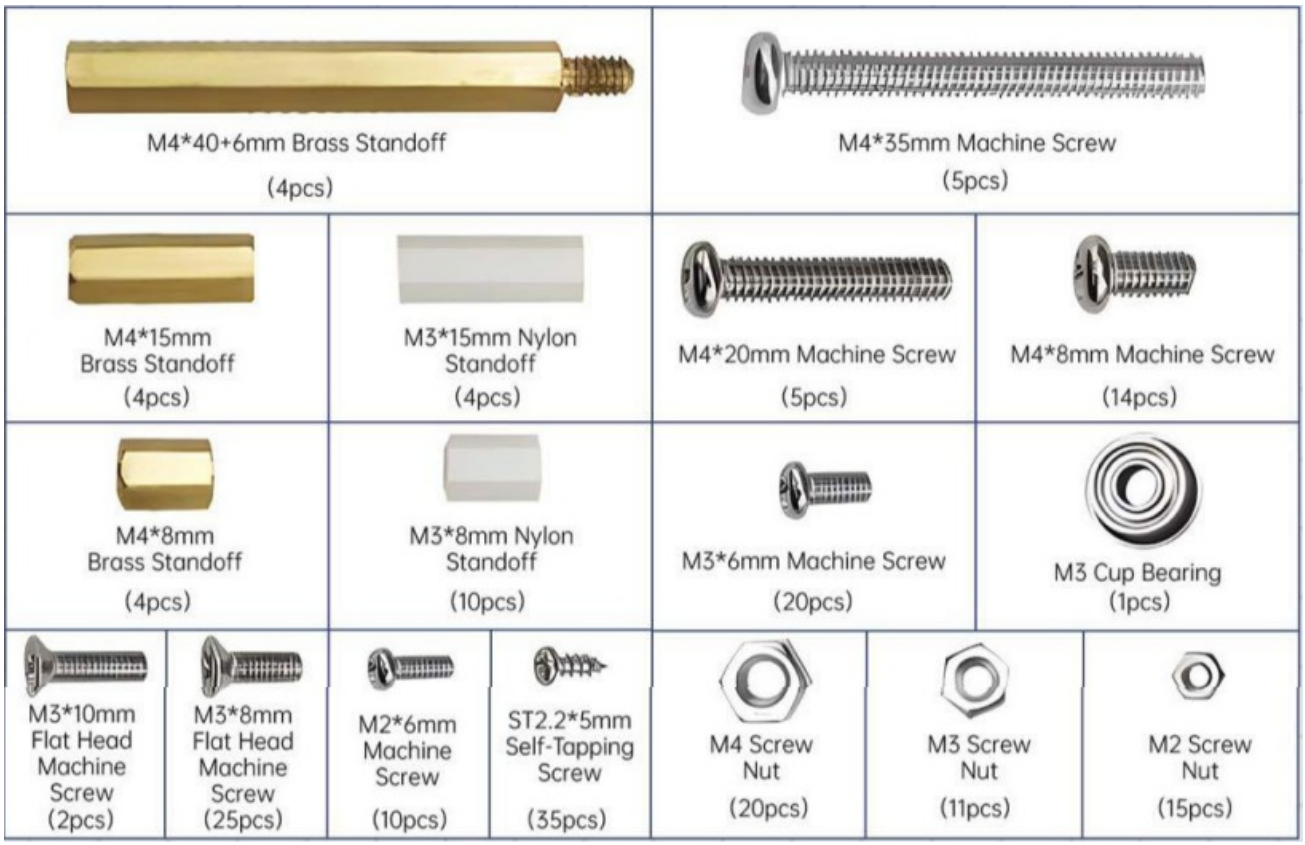
Product Description

- **Spark Your Creativity with xArm Robotic Arm**
  xArm 1S is a high-quality desktop robot arm capable of remote-control grasping, object transportation, custom actions, graphical programming, and more. It serves as the ideal platform for building and showcasing creative projects and for learning about bionic robotics.
- **Intelligent Servo**
  xArm 1S is equipped with 6 high-precision intelligent serial bus servos that provide position, voltage, and temperature feedback. These powerful servos deliver strong torque, enabling the robot arm to grasp objects weighing up to 500g with ease.
- **Premium Structure Design**
  The robot arm is constructed from an exquisite aluminum alloy bracket. The base is fortified with high-torque servos and industrial-grade bearings, guaranteeing exceptional stability.
- **Various Control Methods**
  It supports PC, phone app, mouse, and wireless PS2 handle control, and you can also control the robotic at your fingertips. With these control methods, the xArm robotic Arm would bring more methods of play and study, perfect for realizing your innovative programming ideas and coding study.
- **Versatile Action Editing**
  xArm 1S provides various action editing methods through a user-friendly interface, including PC, app, and offline manual editing. This versatility allows you to easily create a wide range of robot applications.

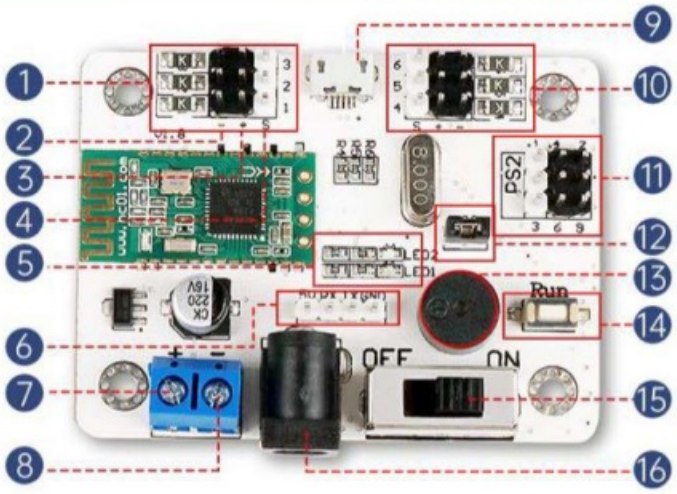
Instruction for LeArm

Rotating Disk Base *1 Set
Large Bottom Plate *1
Bearing *1
Long U-shaped Bracket *3
Multifunctional Bracket *2
Small U-shaped Bracket *1
Side Cover Bracket *1
Gripper *1
(with servo,M3*10 Machine Screw*2)
LFD-06 Digital Servo *2
LDX-218 Digital Servo *2
Servo Cable *3
LD-1501 MG Digital Servo *1
Power Adapter *1
Wireless Handle and Handle Receivcer *1
Power Adapter *1
Screwdriver *1
Cable Ties *5
M3 Metal Servo Horn *1
Controller *1

Screw List


M4*40+6mm Brass Standoff
(4pcs)
M4*35mm Machine Screw
(5pcs)
M4*15mm Brass Standoff
(4pcs)
M3*15mm Nylon Standoff
(4pcs)
M4*20mm Machine Screw
(5pcs)
M4*8mm Machine Screw
(14pcs)
M4*8mm Brass Standoff
(4pcs)
M3*8mm Nylon Standoff
(10pcs)
M3*6mm Machine Screw
(20pcs)
M3 Cup Bearing
(1pcs)
M3*10mm Flat Head Machine Screw
(2pcs)
M3*8mm Flat Head Machine Screw
(25pcs)
M2*6mm Machine Screw
(10pcs)
ST2.2*5mm Self-Tapping Screw
(35pcs)
M4 Screw Nut
(20pcs)
M3 Screw Nut
(11pcs)
M2 Screw Nut
(15pcs)

6-Channel Bluetooth Controller Interface Instruction

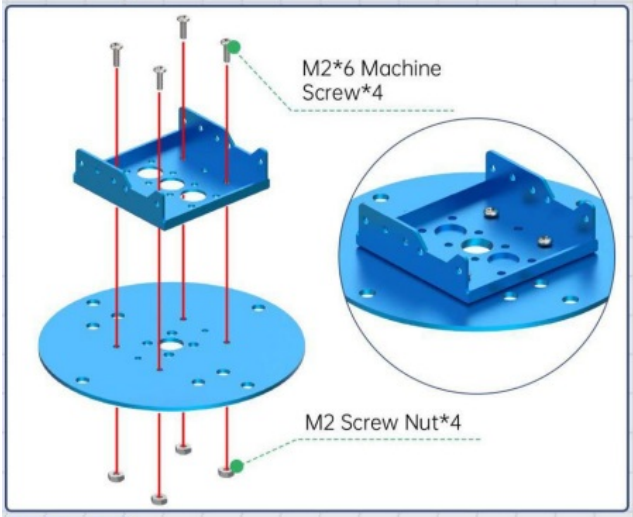


1. 1-3th Servo Connection Port with Over-current Protection
2. Servo Negative
3. Servo Positive
4. Signal Terminal
    - **LED1**: Power Indicator
    - **LED2**: Communication Indicator
5. Secondary Development Communication Port
6. VCC+
7. VCC-
8. Android Connector
9. 4-6th Servo Connection Port with Over-current Protection
10. PS2 Handle Receiver Port
11. Low Voltage Alarm Switch
12. Low-Pressure Buzzer Alarm
13. Offline Operation Button
14. Power Switch
15. DC Power Port

LeArm Assembly Instruction

This Assembly Instruction is designed to help you quickly understand the product structure and precautions. In order to ensure the stable operation of the body, please recognize the screws, nuts, and other accessories models during the installation process. For the assembly step video or more details, please scan the QR code at the right to get it.

Step1



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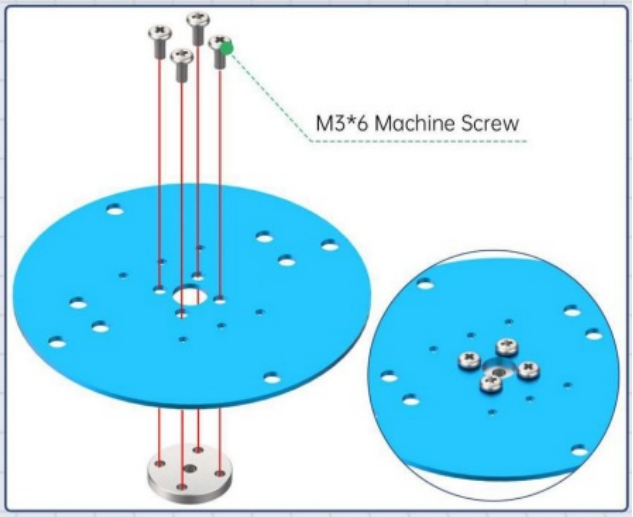

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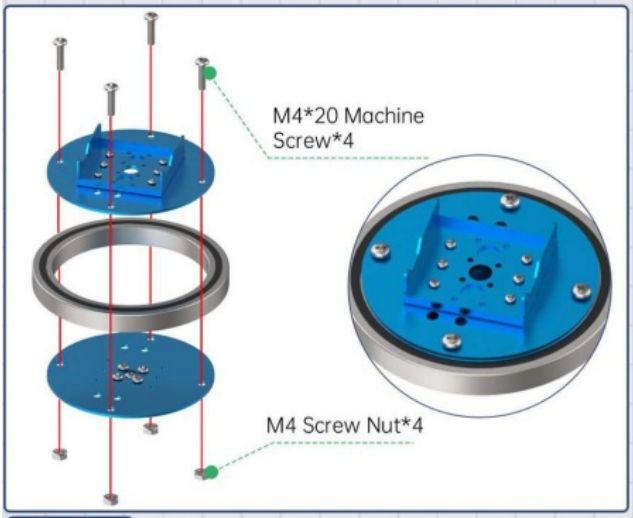

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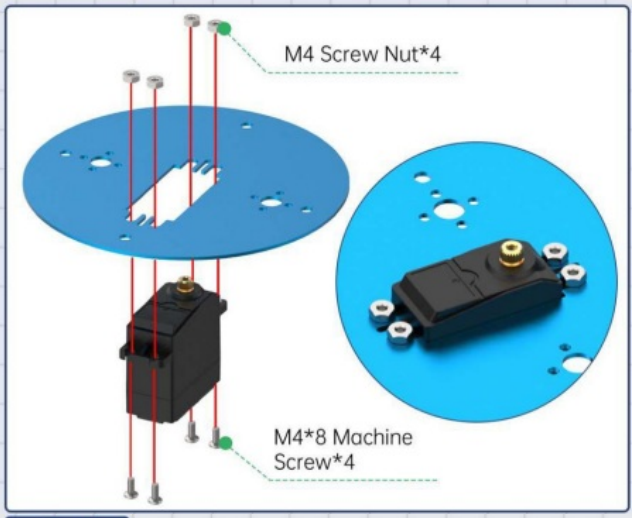

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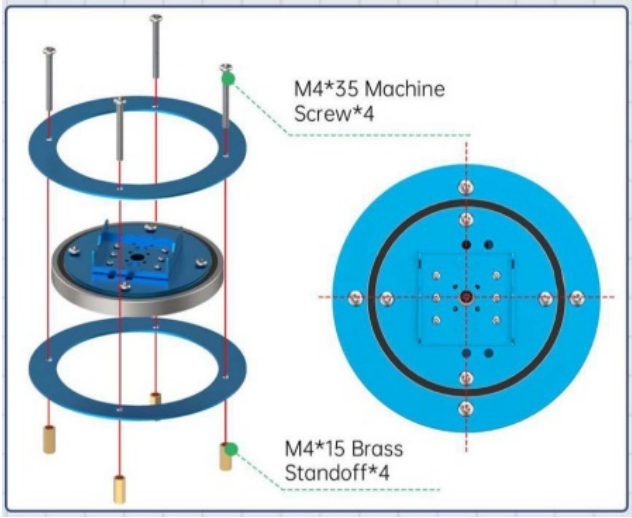

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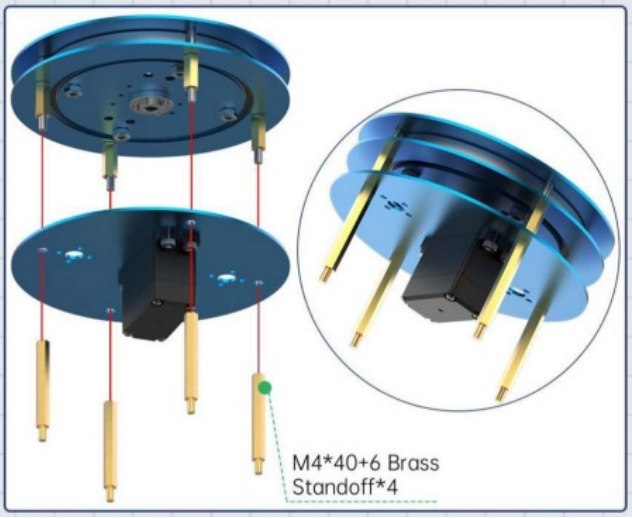

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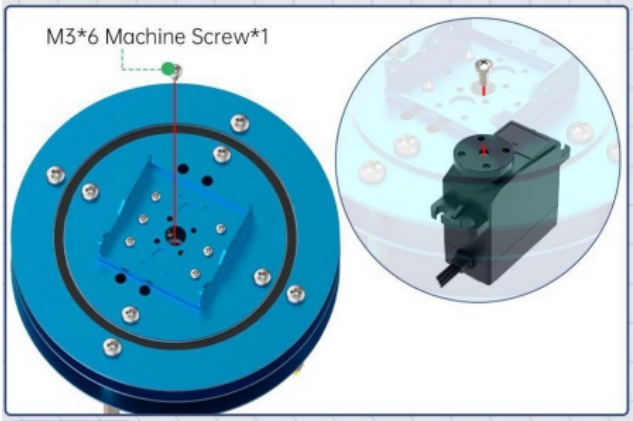

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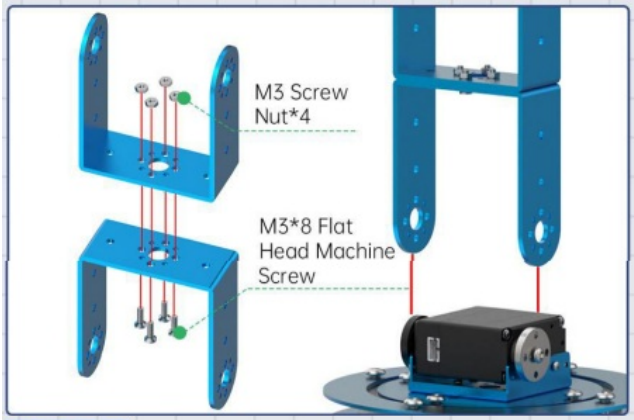
Step9



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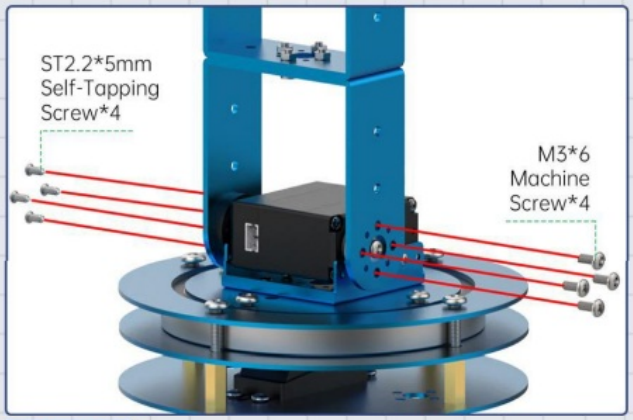

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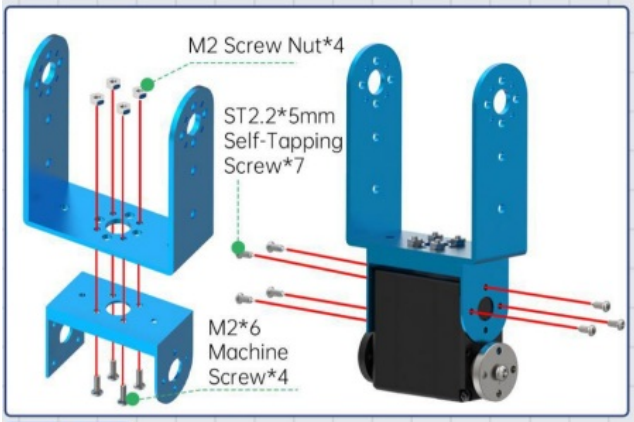

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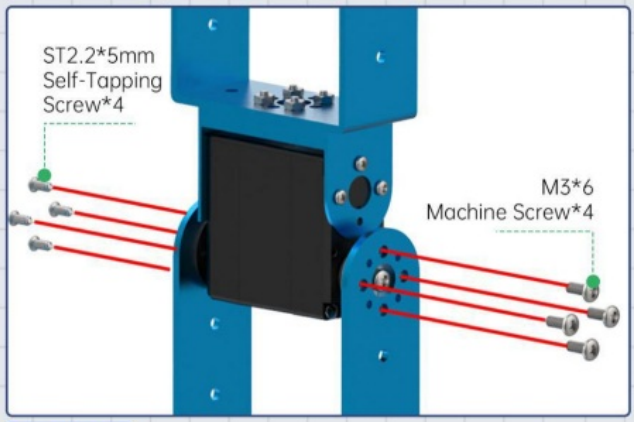

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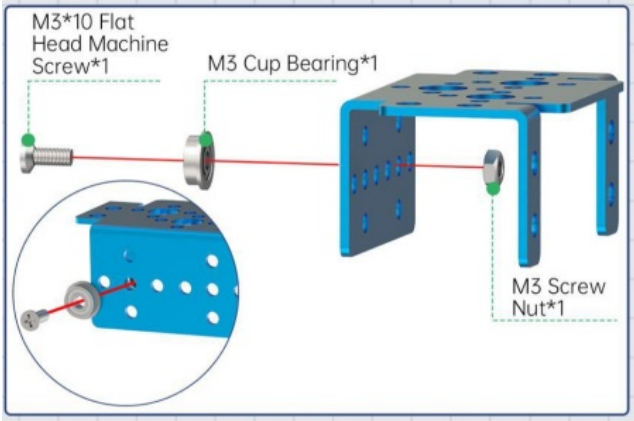

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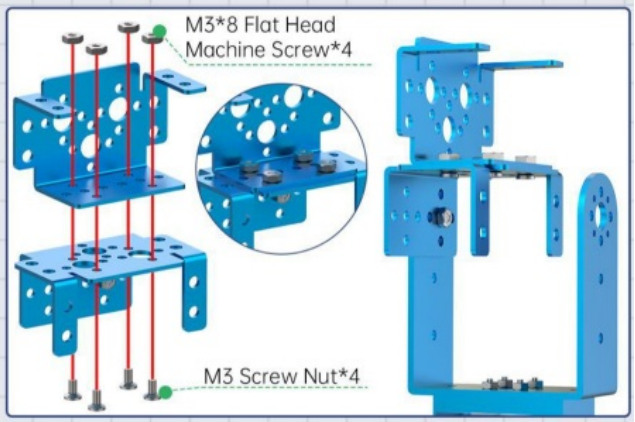

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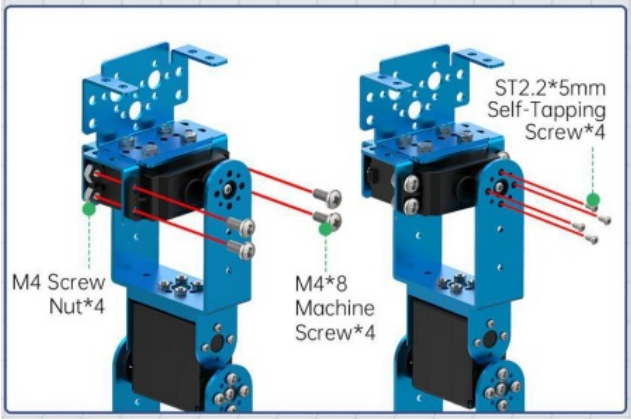

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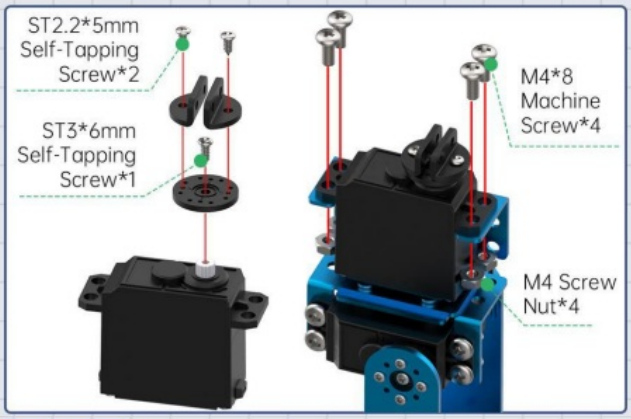

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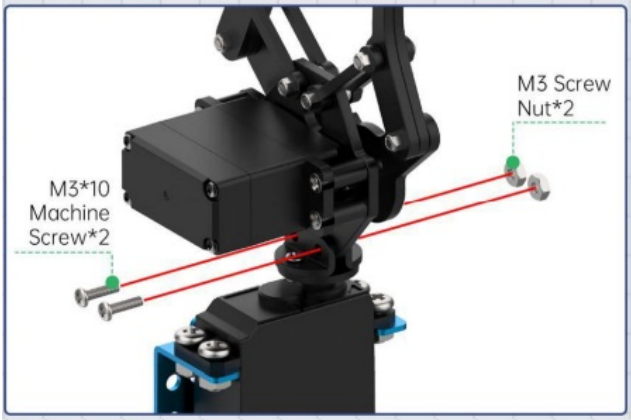

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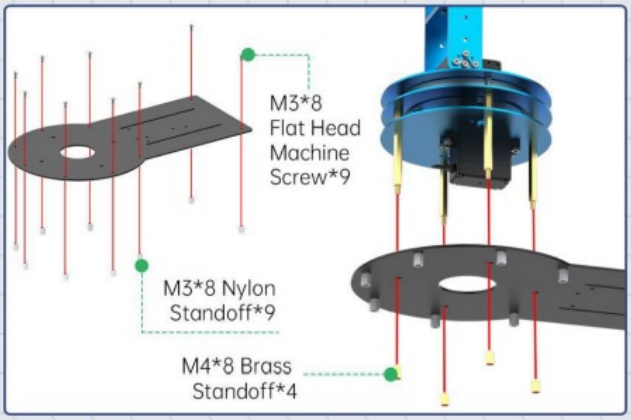

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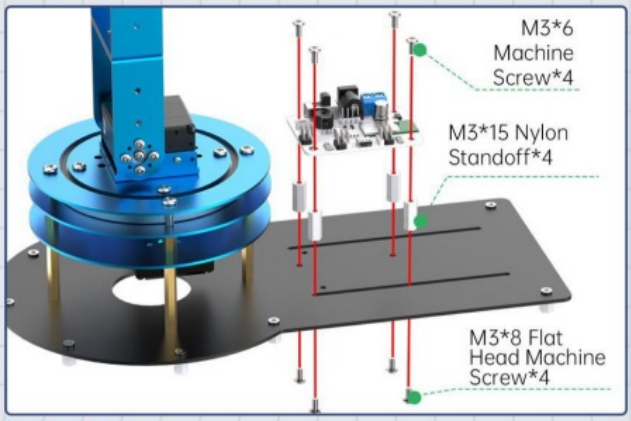

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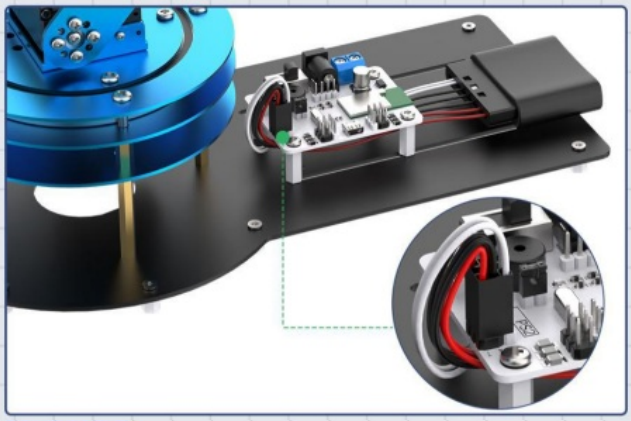
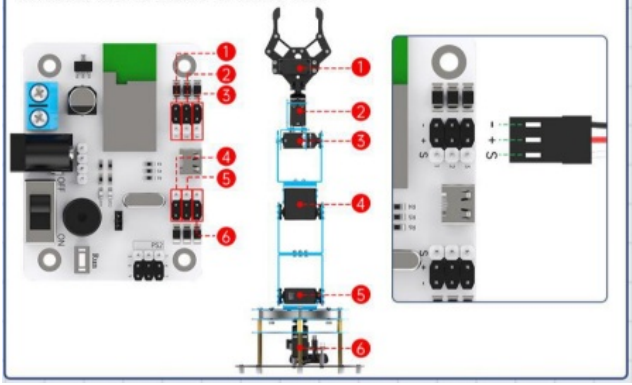


Step21

Connect Servo Cable & Controller



Step22

Assembly Completed

Documents / Resources

	LewanSoul Robotic Arm Kit 6DOF Programming Robot Arm [pdf] Instructions Robotic Arm Kit 6DOF Programming Robot Arm, Robotic, Arm Kit 6DOF Programming Robot Arm, 6DOF Programming Robot Arm, Programming Robot Arm, Robot Arm, Arm

References

- User Manual

Manuals+, Privacy Policy

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