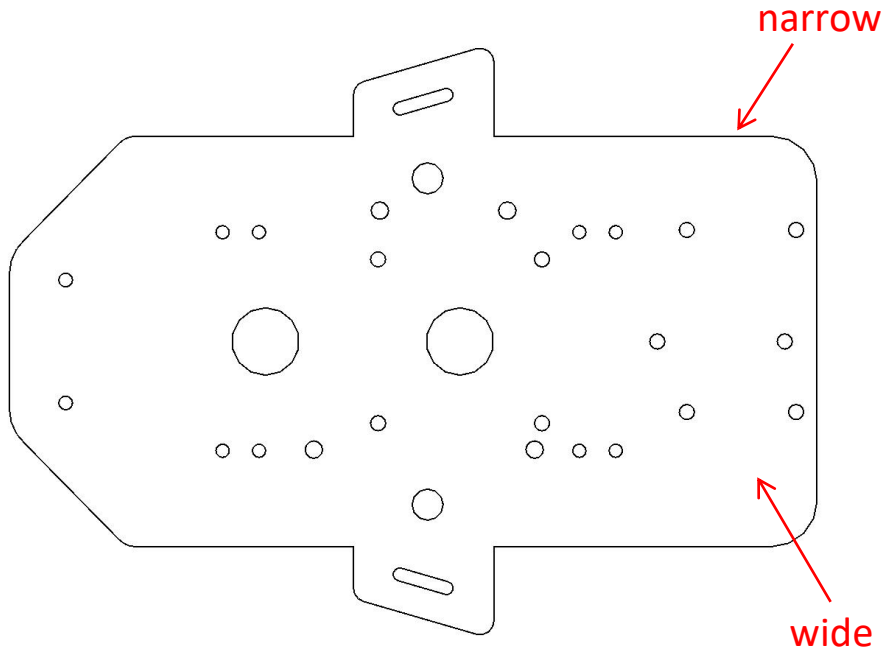
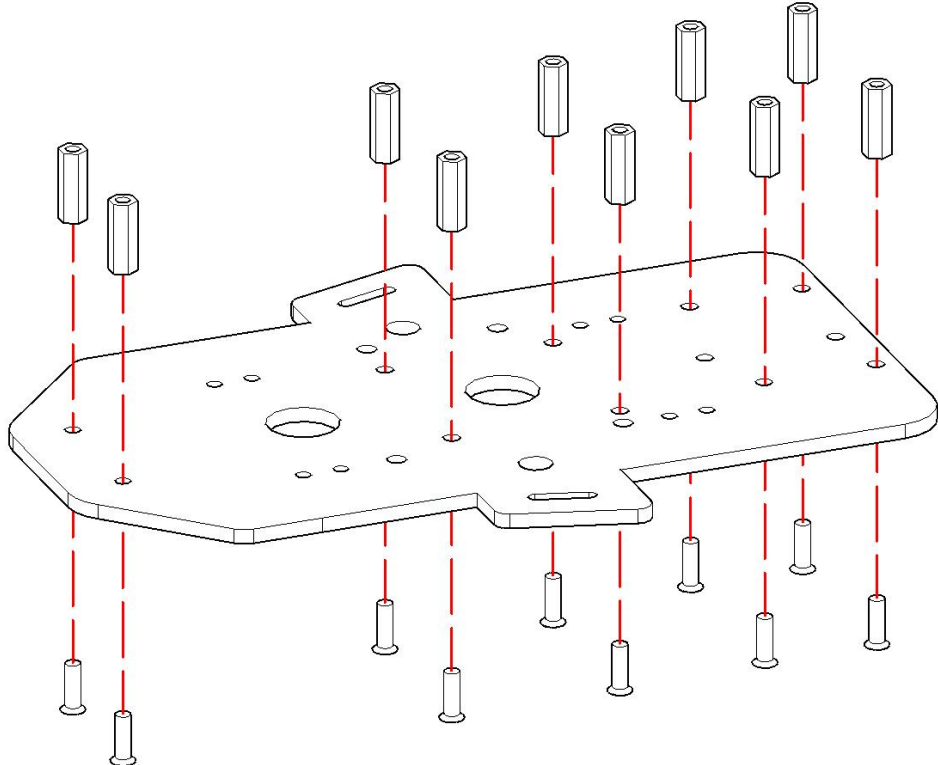


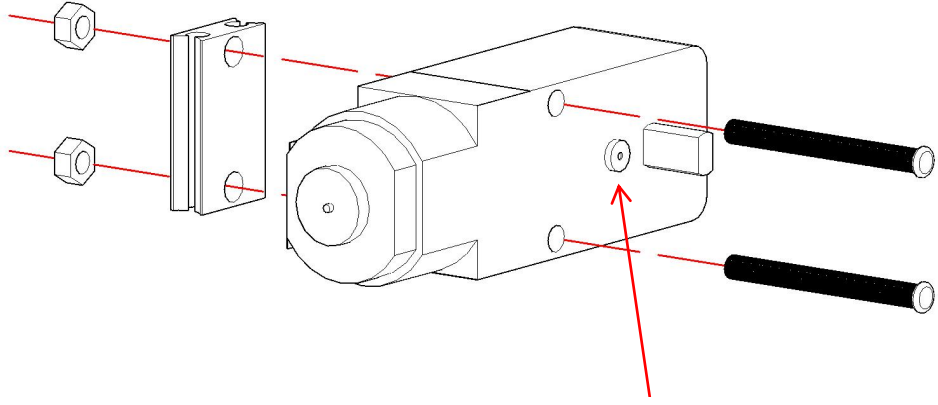
## Step 0 Distinguish Between Front And Back

|                  |   |  |  |
|------------------|---|--|--|
| Parts List       | Acrylic Base Plate  |  |  |
| Splicing Diagram |    |  |  |
| Notes            | <p>1. Notice the difference between the front and back sides of the bottom plate, as shown in the picture above. If the top of the battery box hole is narrow and the bottom is wide, this face is frontal.</p> |  |  |

| Step 1 Mounting Copper Column |  |   |                                    |
|-------------------------------|--|---|------------------------------------|
| Parts List                    | Acrylic base plate   | M3*10 Countersunk Head Phillips Screws*10 | M3*18 Double Pass Copper Column*10 |
| Splicing Diagram              |   |   |                                    |
| Notes                         | <p>1.Pay attention to the installation position of each copper column, do not install the wrong hole position.</p> <p>2.Take care to distinguish the positive side of the motherboard.</p> |   |                                    |

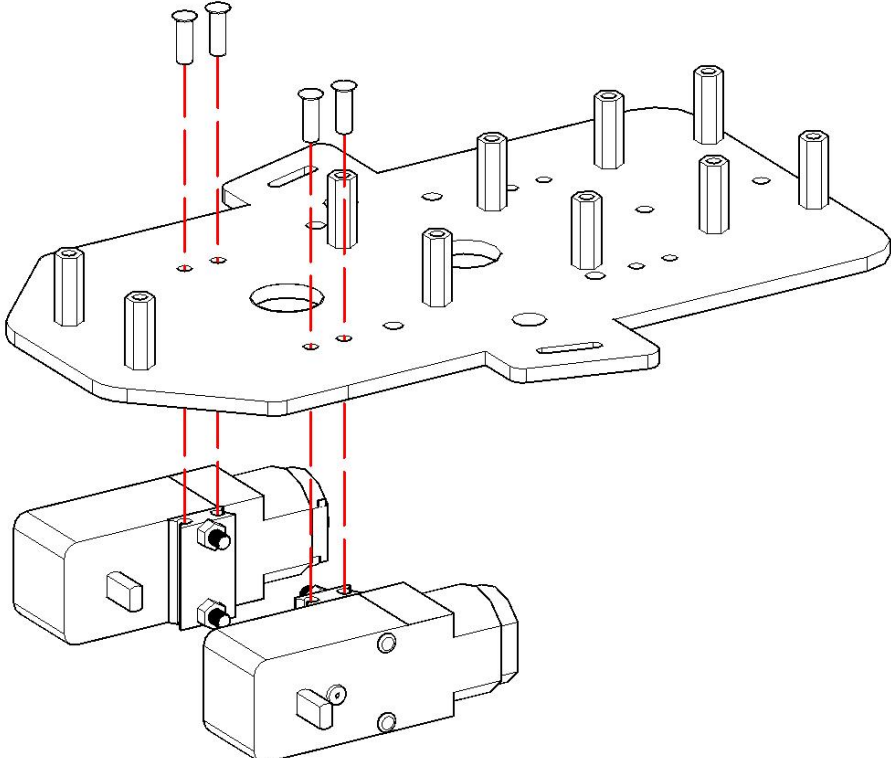
## Step 2 Mounting The Motor

### 2.1 Mounting Motor Bracket

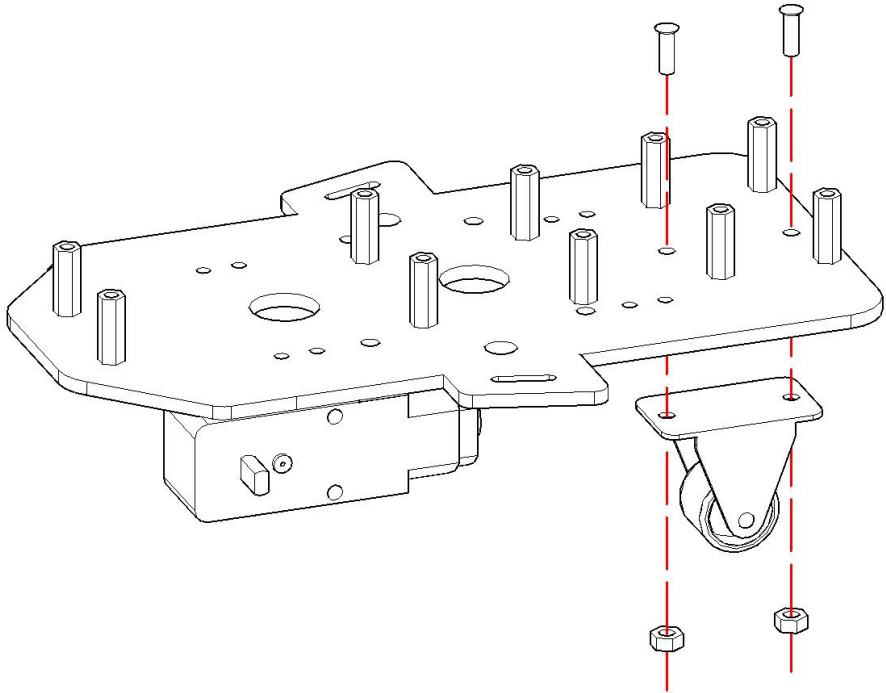
|                     |  |                                       |           |
|---------------------|--|---------------------------------------|-----------|
| Parts List          | TT Motor*2   | M3*30 Round Head<br>Phillips Screws*4 | M3 Nuts*4 |
|                     | Metal Motor<br>Bracket*2   |                                       |           |
| Splicing<br>Diagram |  <p>Bump of motor</p>   |                                       |           |
| Notes               | <p>1.Pay attention to install the motor bracket on the other side of the bump.</p> <p>2.Assemble the two motors with the same assembly method.</p> |                                       |           |

## Step 2 Mounting The Motor

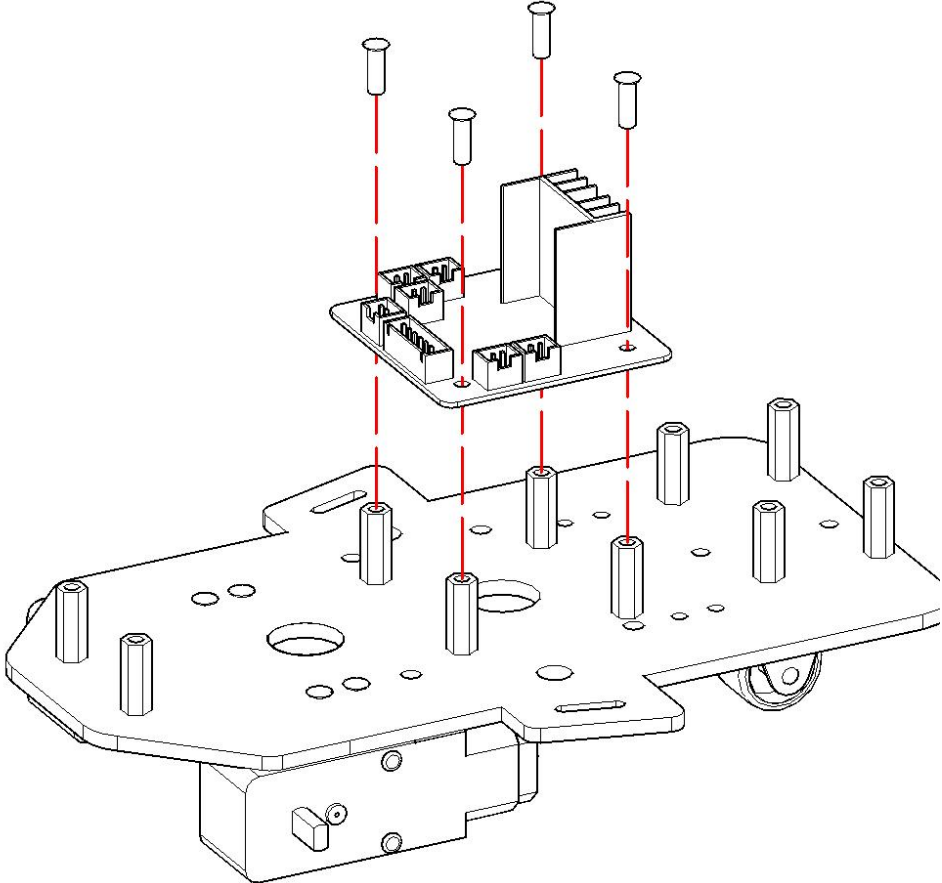
### 2.2 Fix The Motor

|                     |  |   |
|---------------------|--|---|
| Parts List          | Motor With Brackets Installed*2  | M3*10 Countersunk Head Phillips<br>Screws*4 |
| Splicing<br>Diagram |   |   |
| Notes               | <p>1. Notice the orientation of the motors, the motor bump is facing out, and the solder joint of the wire is facing in.</p> |   |

## Step 3 Installing The Slave Wheel

|                     |  |           |   |
|---------------------|--|-----------|---|
| Parts List          | Slave Wheel*1  | M3 Nuts*2 | M3*10 Countersunk<br>Head Phillips Screws*2 |
| Splicing<br>Diagram |  A technical line drawing showing the assembly of a slave wheel. It depicts a main rectangular plate with several vertical posts. Two additional screws are shown being inserted into the top of the plate. A separate component, a slave wheel with a mounting bracket, is shown below the plate. Two M3 nuts are shown at the bottom, aligned with the mounting bracket's attachment points. Red dashed lines indicate the alignment and assembly path for the screws and nuts. |           |   |
| Notes               |  |           |   |

## Step 4 Installing The Motor Drive Module

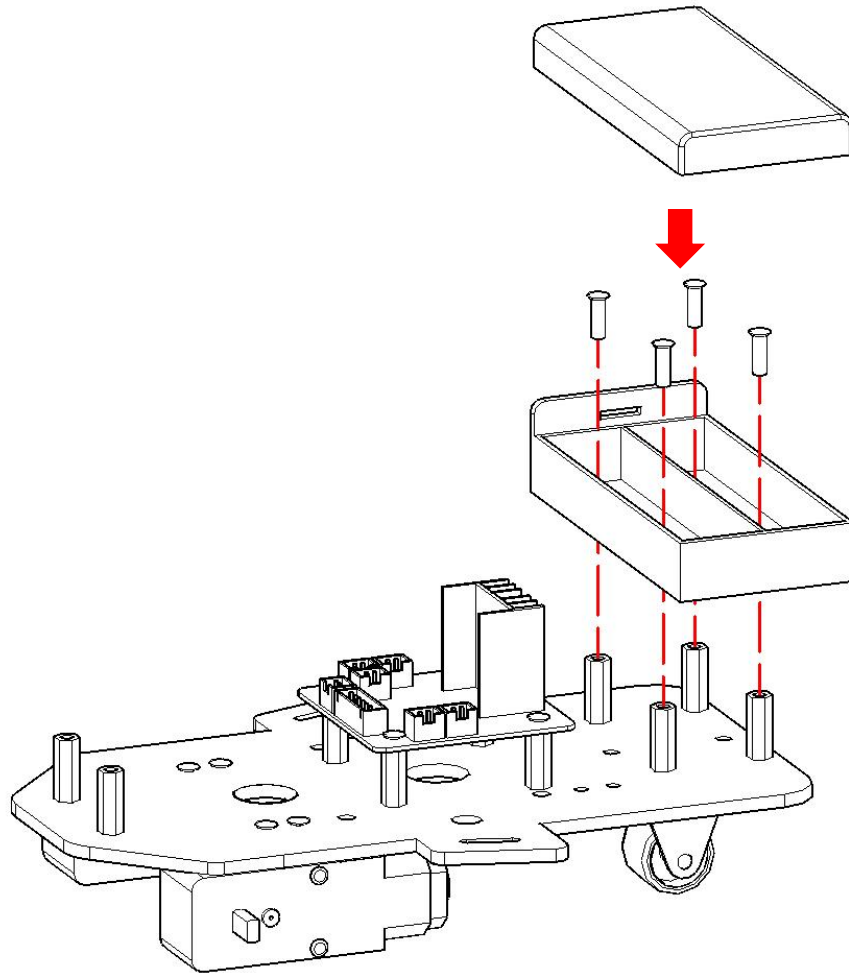
|                     |   |   |
|---------------------|---|---|
| Parts List          | Motor Drive Module*1  | M3*10 Countersunk Head Phillips<br>Screws*4 |
| Splicing<br>Diagram |  |   |
| Notes               | 1. Pay attention to the orientation of the motor drive board.                       |   |

## Step 5 Installing Battery Case

Parts List

Battery Case\*1

M3\*10 Countersunk Head Phillips Screws\*4

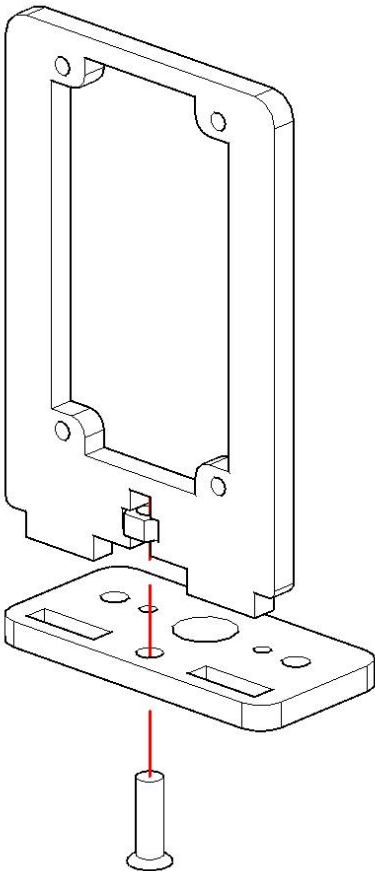
Splicing  
Diagram

Notes

1.Note the orientation of the battery case.

## Step 6 Installing ESP32-CAM Module

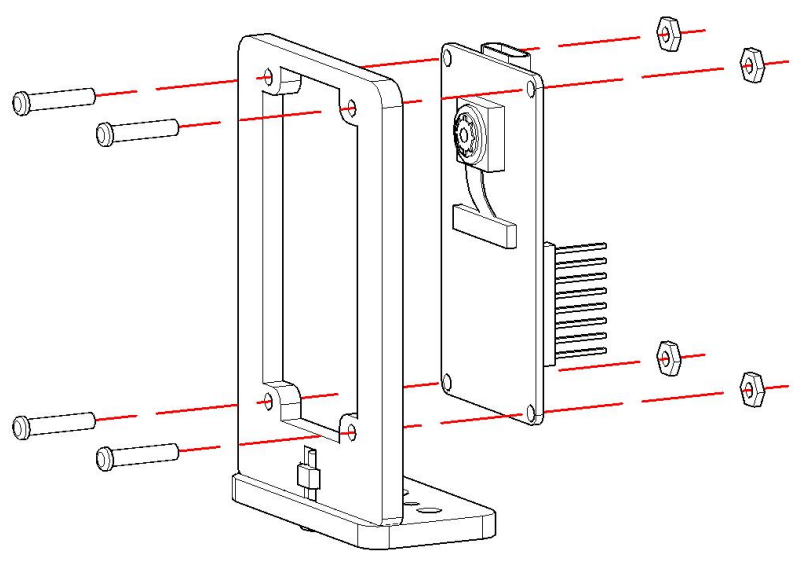
### 6.1 Assembling ESP32-Cam Support Frame

| Parts List          | ESP32-CAM Support<br>Frame Parts*2   | M3*10 Countersunk Head<br>Phillips Screws*1 | M3 Nut*1 |
|---------------------|--|---|----------|
| Splicing<br>Diagram |   |   |          |
| Notes               | <p>1. First put the nut in the corresponding hole position and hold it down.</p> <p>2. Then splice the two parts together and finally lock the screws.</p> |   |          |



## Step 6 Installing ESP32-CAM Module

### 6.2 Installing ESP32-CAM Module

|                     |   |                                      |           |
|---------------------|---|--------------------------------------|-----------|
| Parts List          | ESP32-CAM Module*1  | M2*10 Round Head<br>Phillips Screw*4 | M2 Nuts*4 |
| Splicing<br>Diagram |  |                                      |           |
| Notes               | 1.Note the orientation and position of the modules and screws.                      |                                      |           |

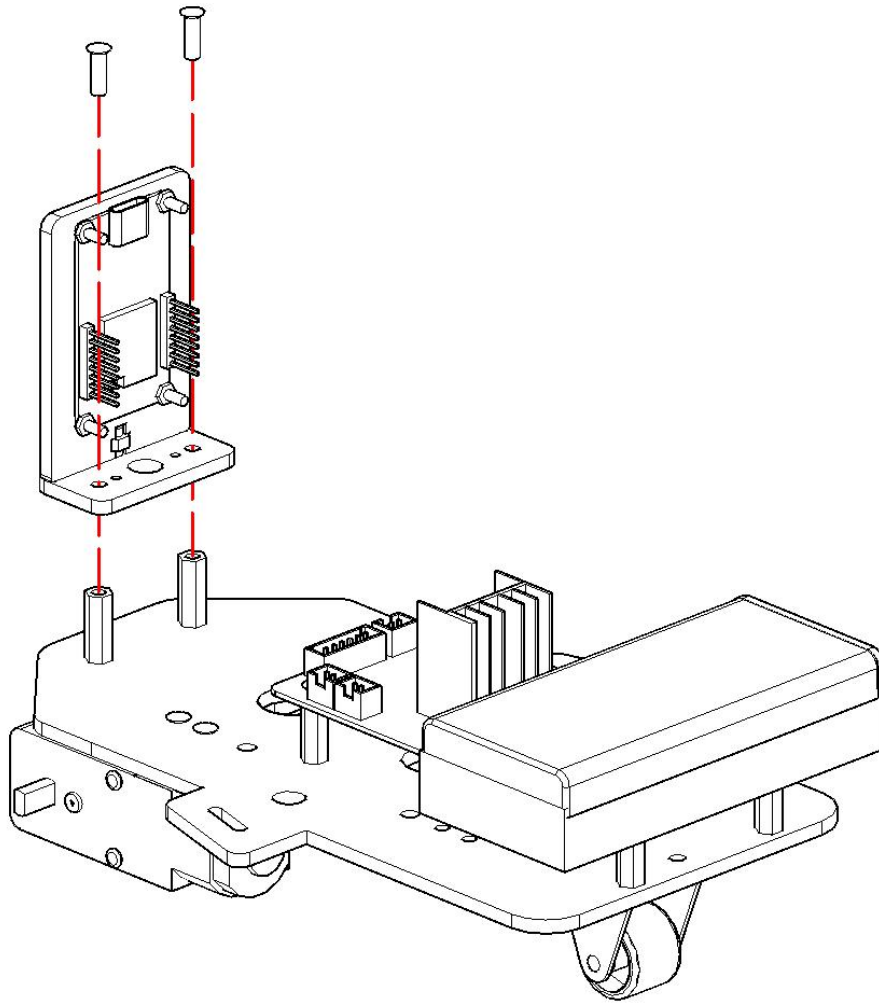
## Step 6 Installing ESP32-CAM Module

### 6.3 Fixing The Frame

Parts List

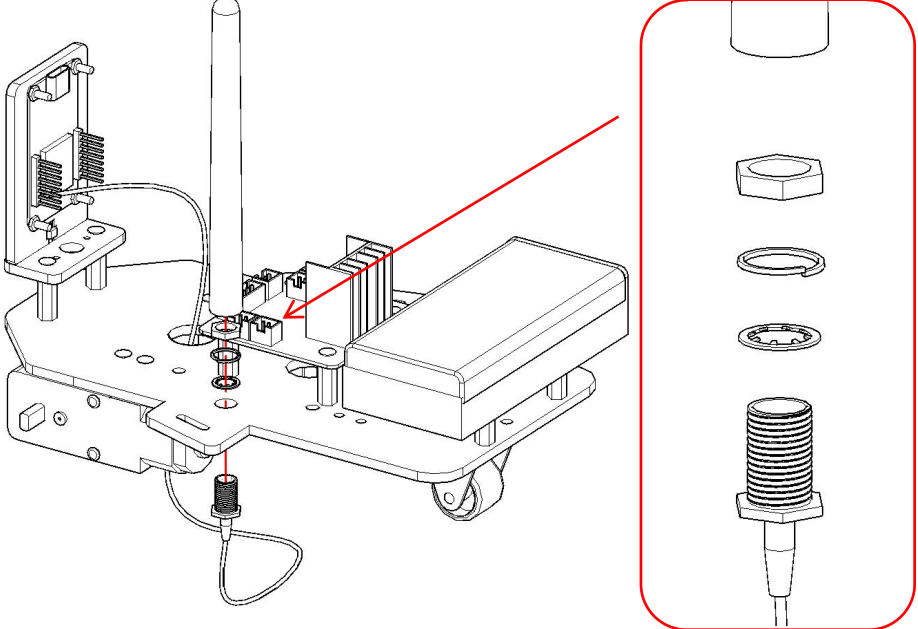
M3\*10 Countersunk Head

Phillips Screws\*2

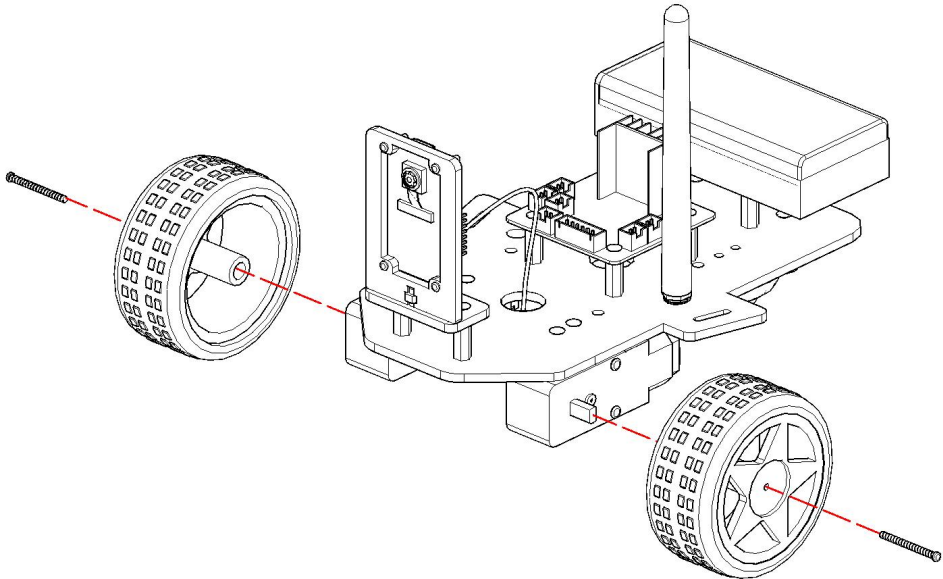
Splicing  
Diagram

Notes

## Step 7 Installing The Antenna Module

| Parts List       | Antenna Module*1   |  |
|------------------|--|--|
| Splicing Diagram |   |  |
| Notes            | <p>1. First, you need to put the wire through the hole and buckle it to the corresponding position of the ESP32-CAM module.</p> <p>2. Note the order of the parts and install them in the order shown above right.</p> |  |

## Step 8 Mounting Wheels

|                     |  |  |
|---------------------|--|--|
| Parts List          | Wheels*2   | M2*25 Round Head Self-Tapping<br>Screw*2 |
| Splicing<br>Diagram |  A technical line drawing of a robotic chassis with two wheels being attached. Red dashed lines indicate the alignment of the wheels with the chassis. A screw is shown being inserted into the wheel hub. The chassis has a central motor and various electronic components. |  |
| Notes               |  |  |

## Step 9 接线

