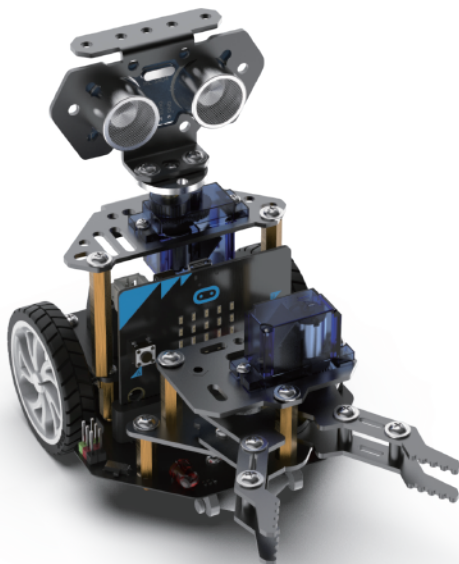




**DFROBOT**  
DRIVE THE FUTURE

## Maqueen Mechanic



## Installation Manual



## Part List



● Loader Servo Panel



● Loader Bucket



● Pan-tilt-zoom  
Mount Plate

×2



● Trolley Plate



● Ultrasonic Mount  
Holder



● Arm Servo Base



● Arm Baseplate



● Arm Linkage

×3



● Arm Plate



● Servo Arm Linkage



● Forklift Plate



● Gripper Upper Arm

×2

# Part List



● Gripper Driven Forearm



● Gripper Servo Forearm



● Gripper Panel



● Gripper Triangular Mount Plate



● M3\*35mm Copper Bolt



● M3\*25mm Copper Bolt



● M3\*15mm Copper Bolt



● M3\*18mm Copper Bolt



● Servo



● M2.5\*5mm Screw

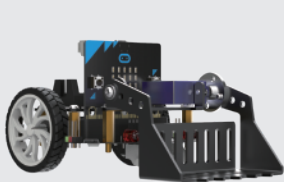


● M3\*5mm Screw

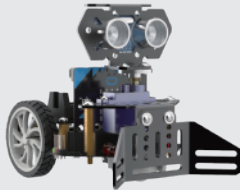




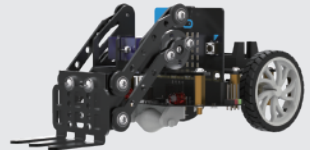
# Assemble and Install



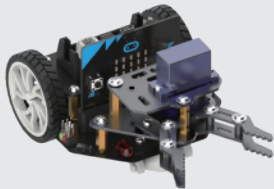
**Loader**



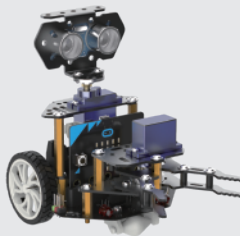
**Bulldozer**



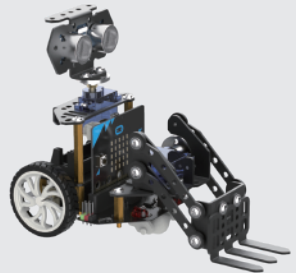
**Forklift**



**Mechanical Beetle**



**Pan-tilt-zoom  
Mechanical Beetle**



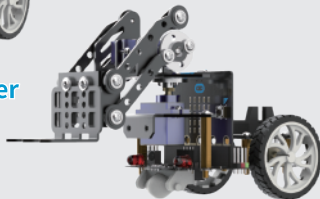
**Pan-tilt-zoom Forklift**



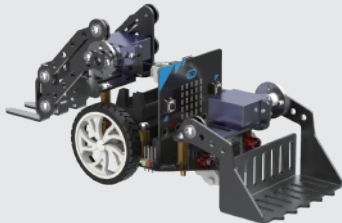
**Pan-tilt-zoom Loader**



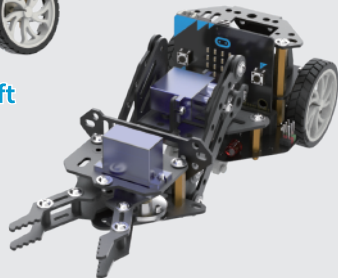
**Loading Truck**



**Rotating Forklift**



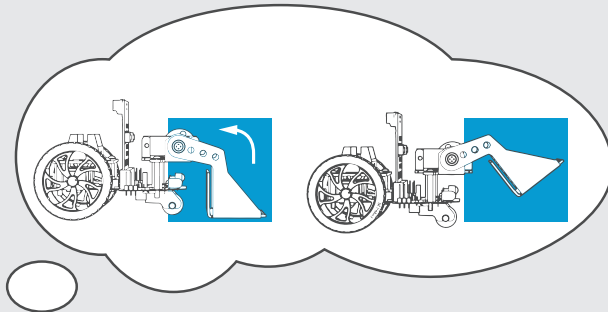
**Multi-Purpose  
Engineering Vehicle(MPEV)**



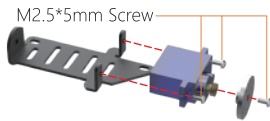
**Liftable  
Mechanical Beetle**



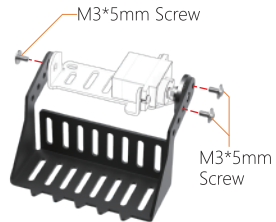
# Install Loader



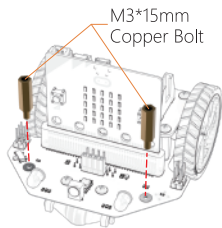
# Install Loader



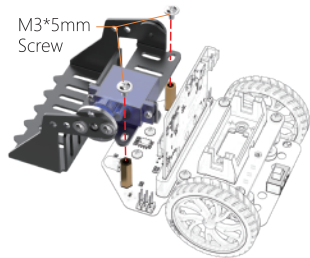
● Step1



● Step2



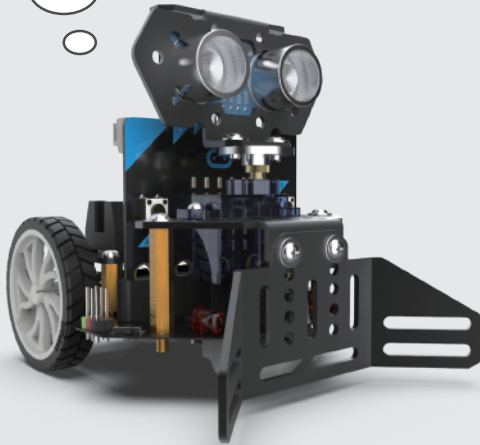
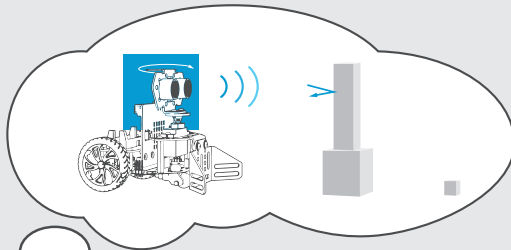
● Step3



● Step4



# Install Bulldozer

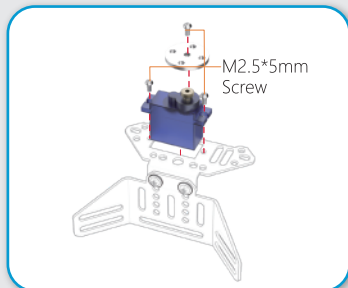




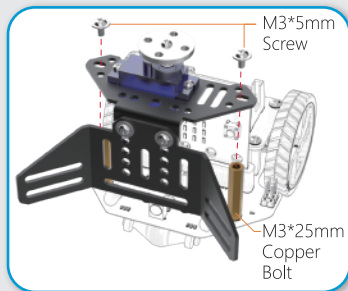
# Install Bulldozer



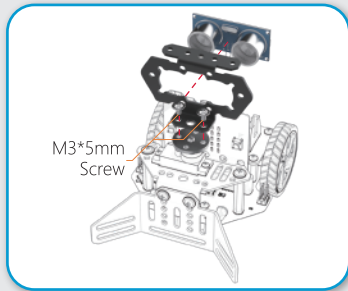
● Step1



● Step2



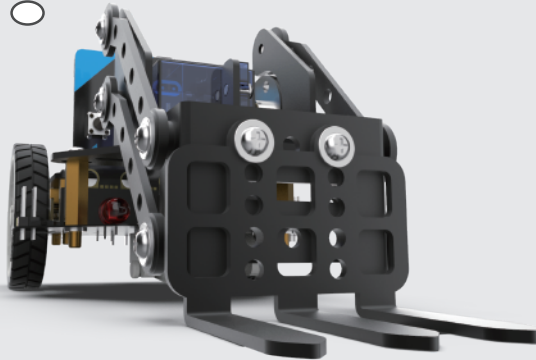
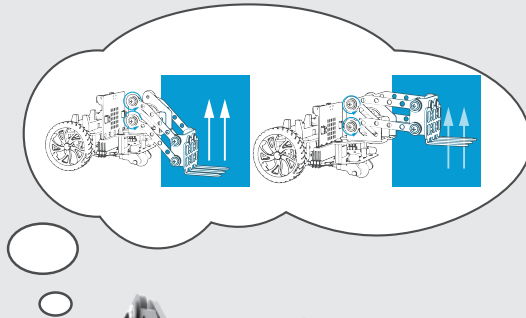
● Step3



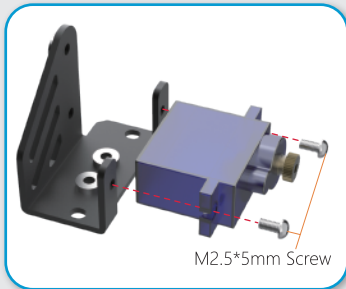
● Step4



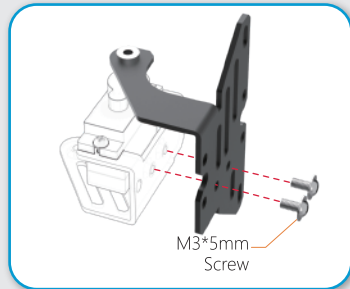
# Install Forklift



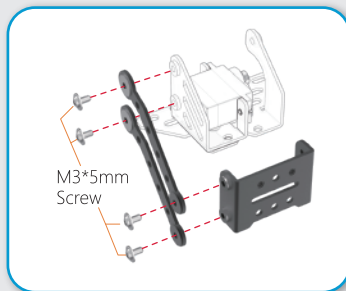
# Install Forklift



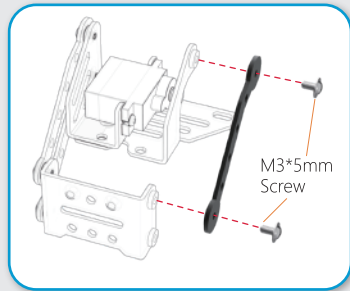
● Step1



● Step2



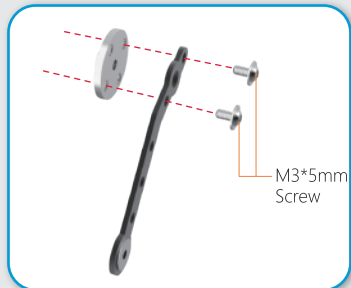
● Step3



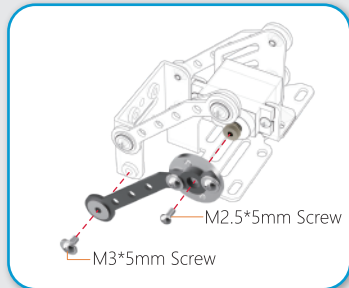
● Step4



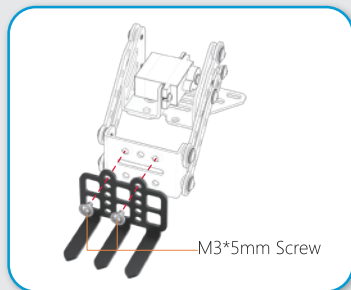
# Install Forklift



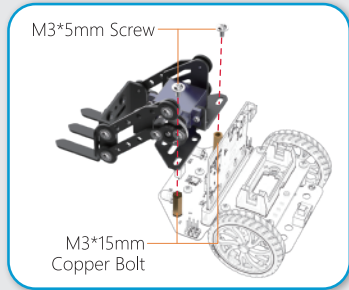
● Step5



● Step6

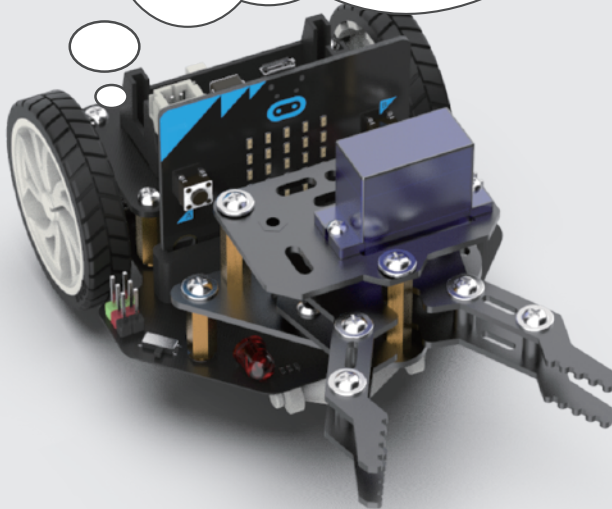
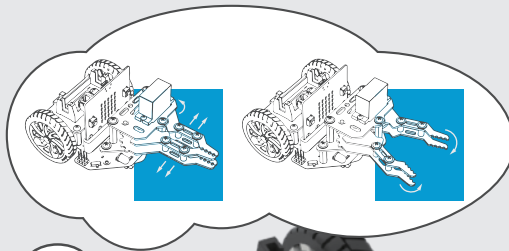


● Step7



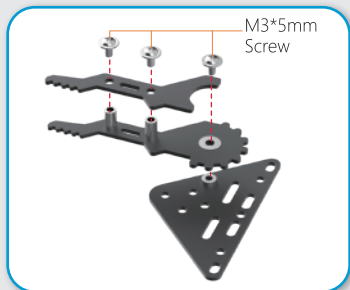
● Step8

# Install Mechanical Beetle

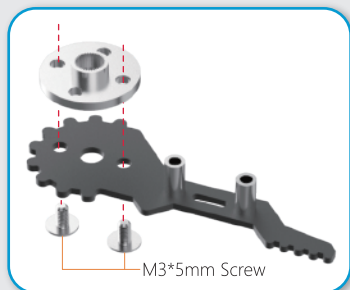




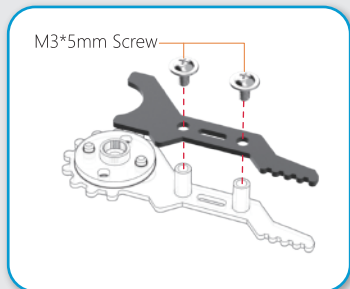
# Install Mechanical Beetle



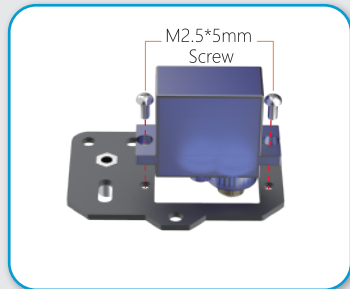
● Step1



● Step2

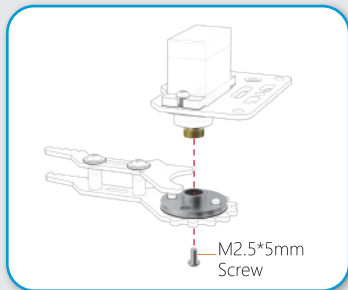


● Step3

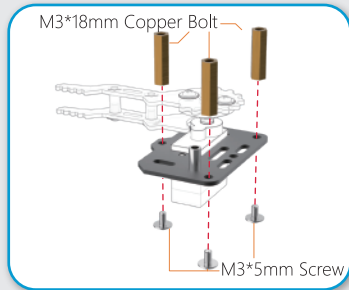


● Step4

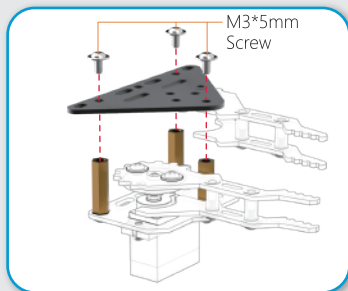
# Install Mechanical Beetle



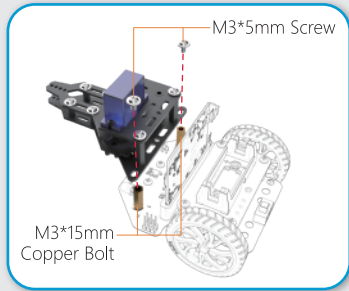
● Step5



● Step6



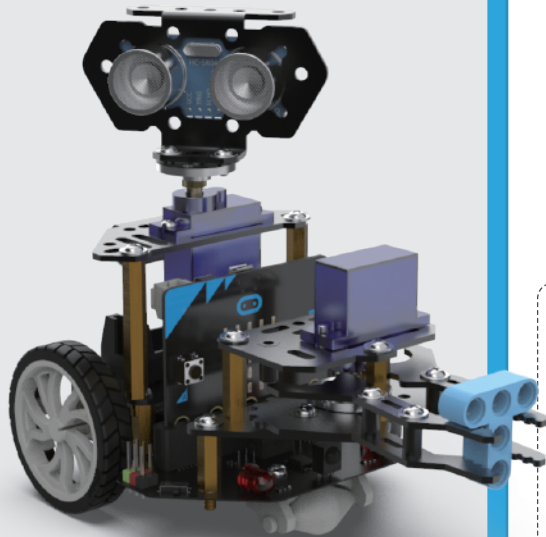
● Step7



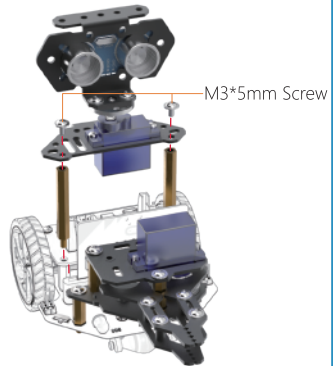
● Step8



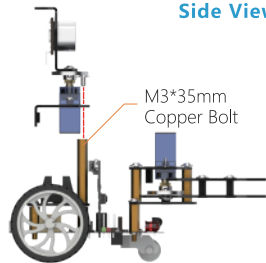
# Install Pan-tilt-zoom Mechanical Beetle



## Diagram

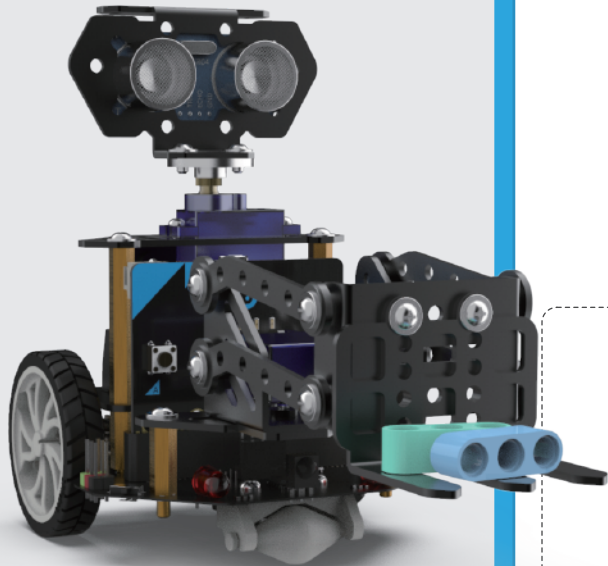


### Side View

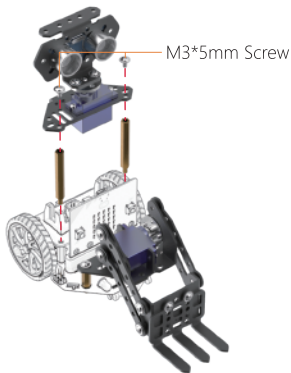




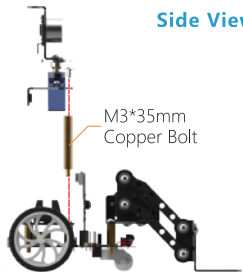
# Install Pan-tilt-zoom Forklift



## Diagram



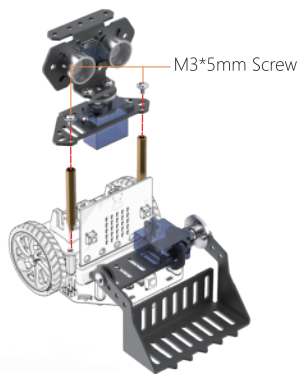
## Side View



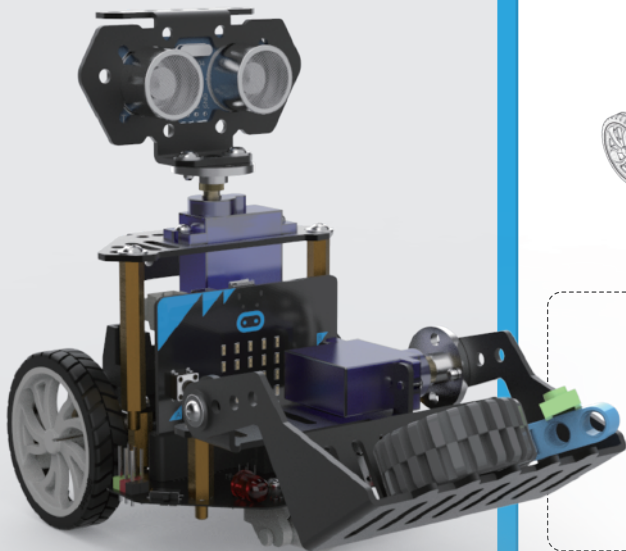
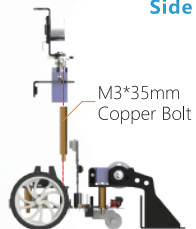


# Install Pan-tilt-zoom Loader

## Diagram



### Side View

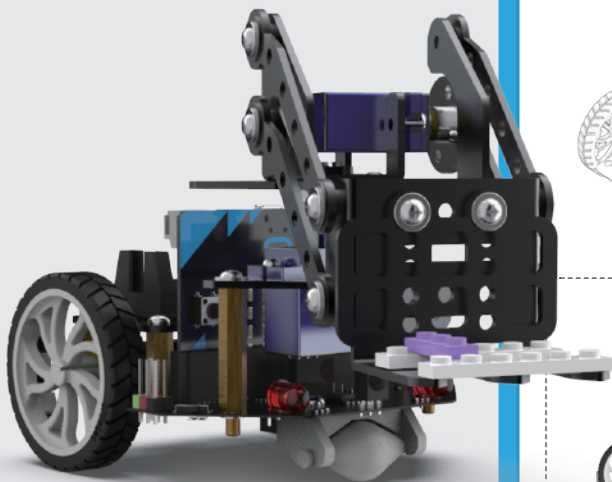
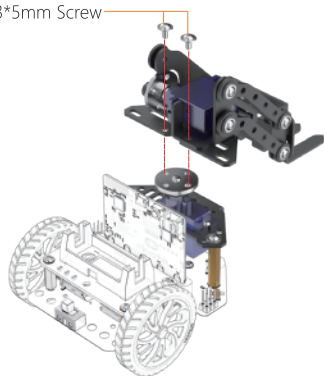


# Install Rotating Forklift

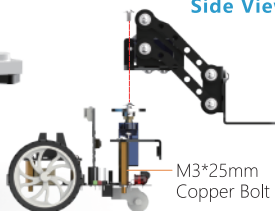


## Diagram

M3\*5mm Screw



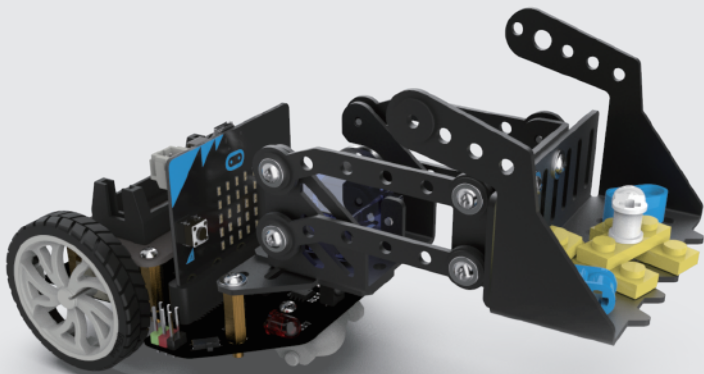
Side View



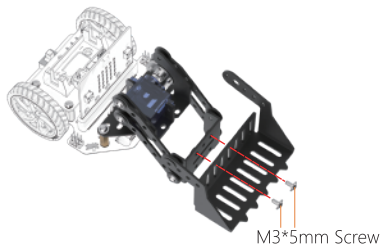
M3\*25mm  
Copper Bolt



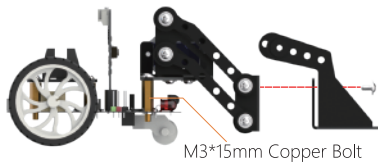
# Install Loading Truck



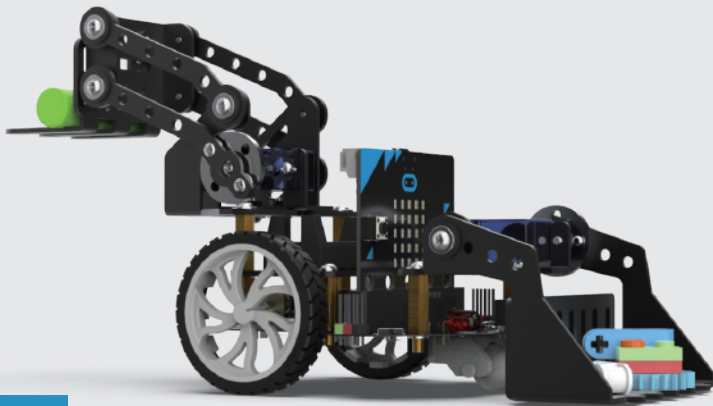
## Diagram



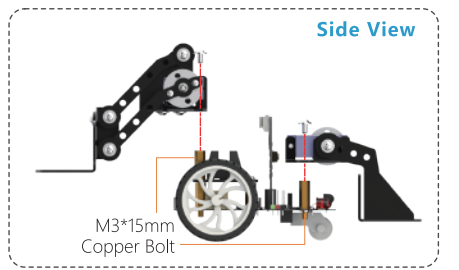
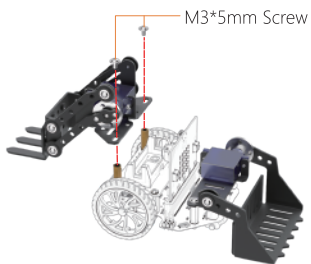
### Side View



# Install MPEV

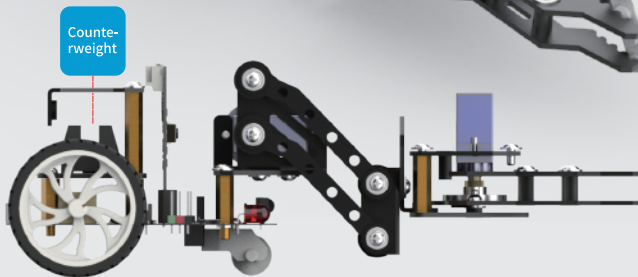
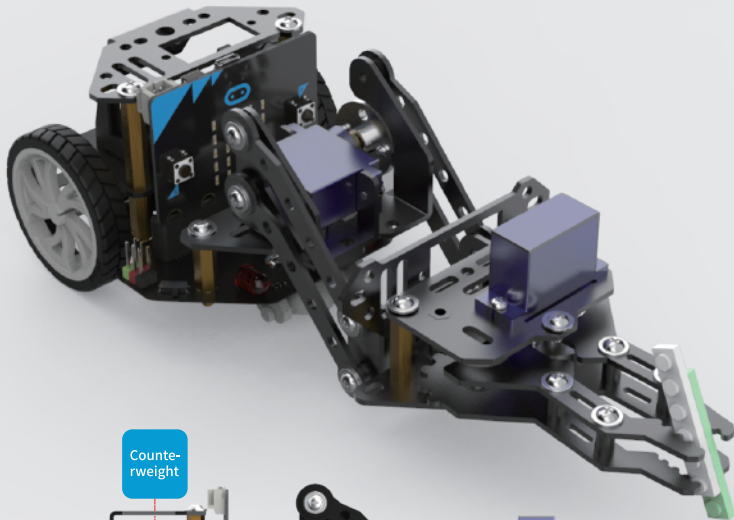


## Diagram





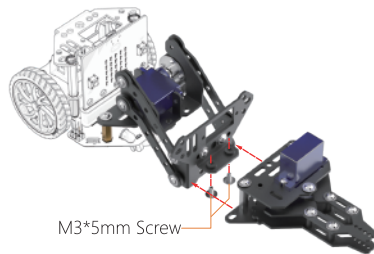
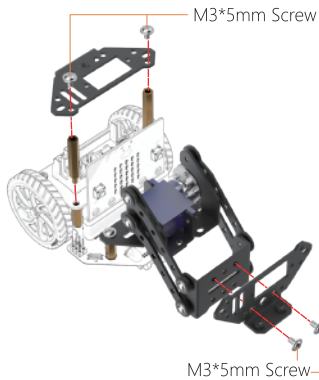
## Install Liftable Mechanical Beetle



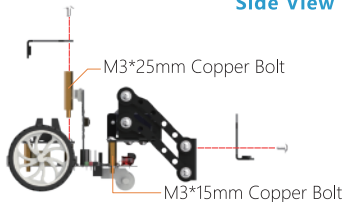
# Install Liftable Mechanical Beetle



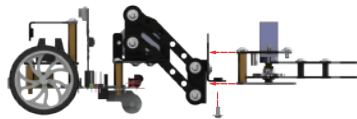
## Diagram

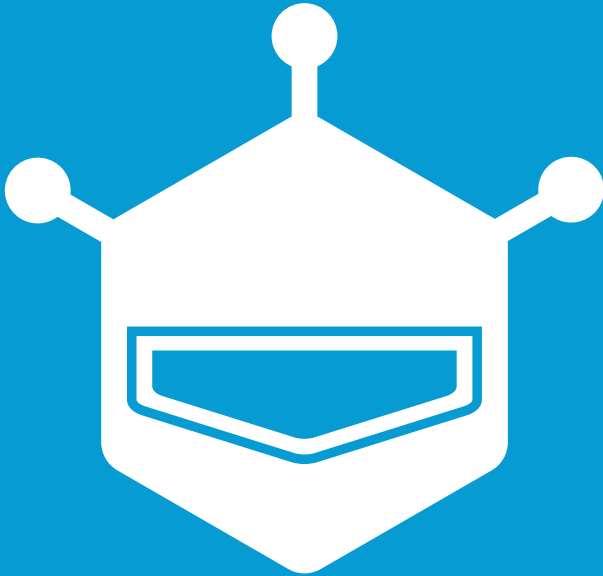


### Side View



### Side View





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