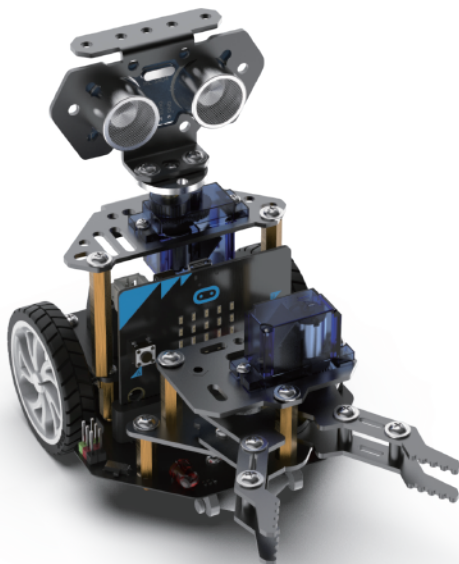




DFROBOT
DRIVE THE FUTURE

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

×2



● M3*25mm Copper Bolt

×2



● M3*15mm Copper Bolt

×6



● M3*18mm Copper Bolt

×3



● Servo

×2



● M2.5*5mm Screw

×12



● M3*5mm Screw

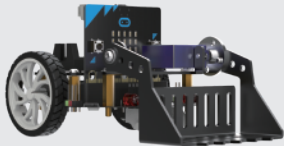
×45



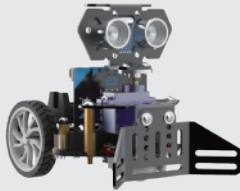
GO!



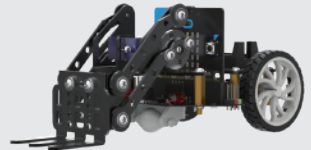
Assemble and Install



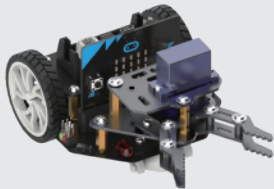
Loader



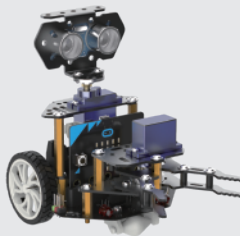
Bulldozer



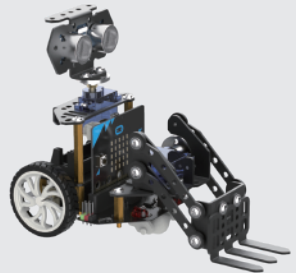
Forklift



Mechanical Beetle



**Pan-tilt-zoom
Mechanical Beetle**



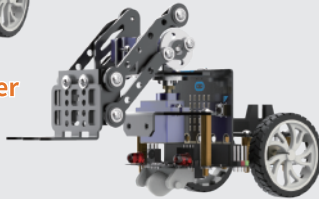
Pan-tilt-zoom Forklift



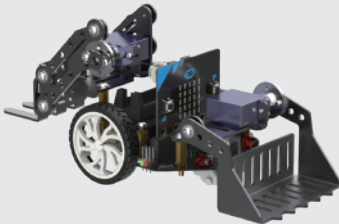
Pan-tilt-zoom Loader



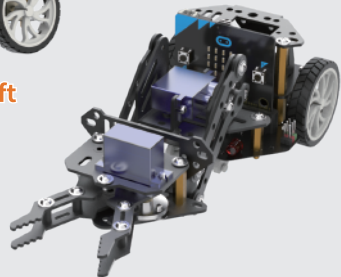
Loading Truck



Rotating Forklift



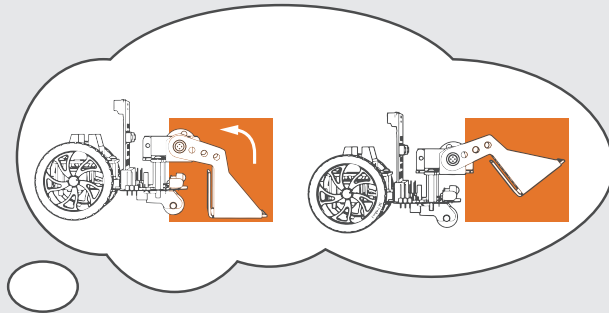
**Multi-Purpose
Engineering Vehicle(MPEV)**



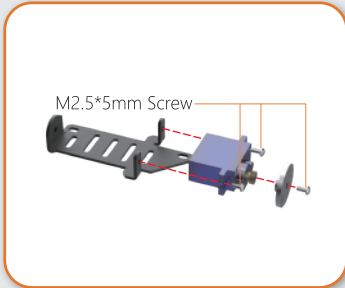
**Liftable
Mechanical Beetle**



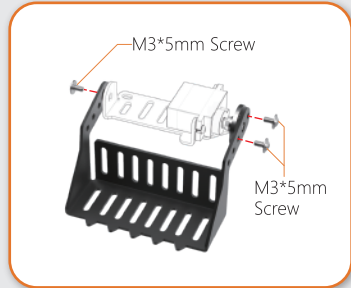
Install Loader



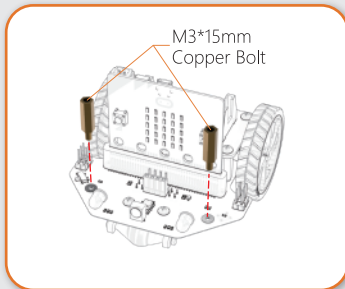
Install Loader



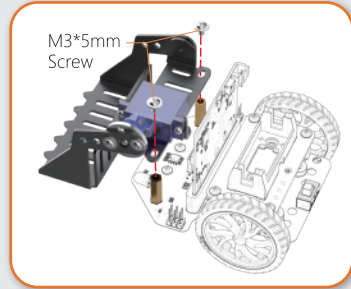
● Step1



● Step2



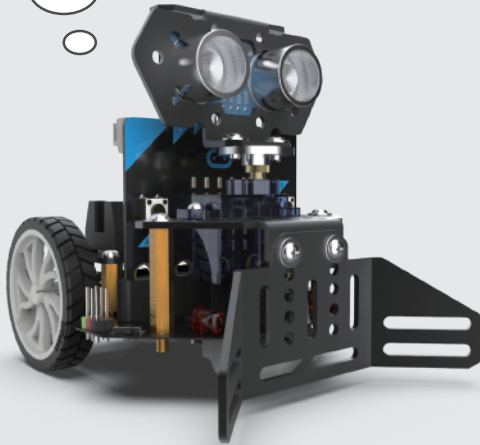
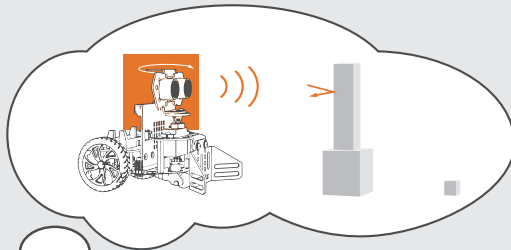
● Step3



● Step4



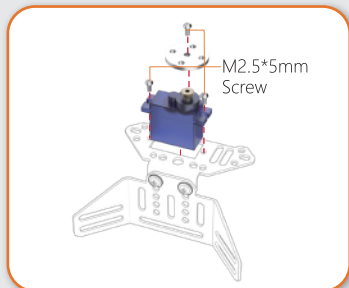
Install Bulldozer



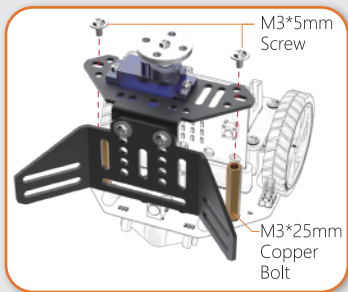
Install Bulldozer



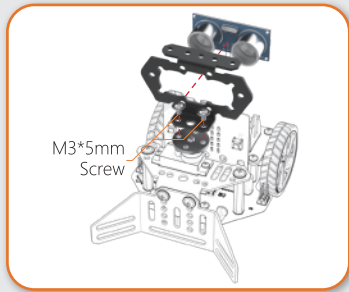
● Step1



● Step2



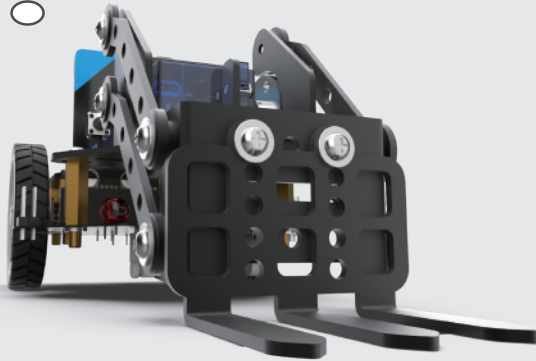
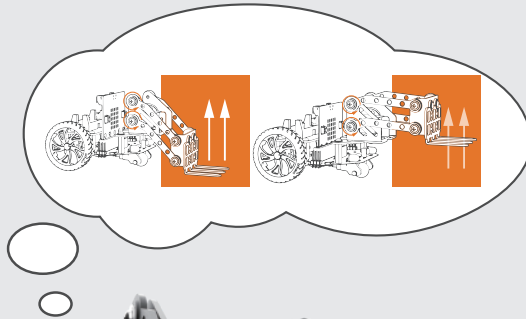
● Step3



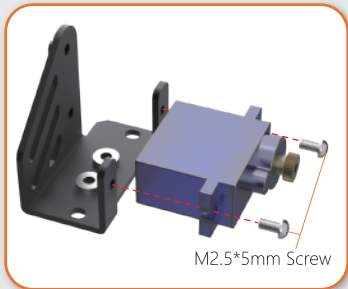
● Step4



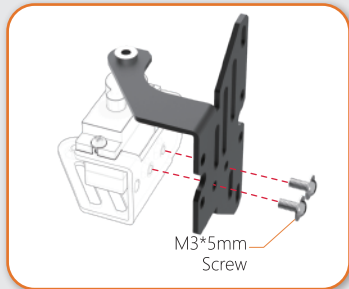
Install Forklift



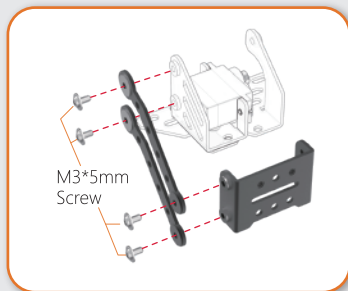
Install Forklift



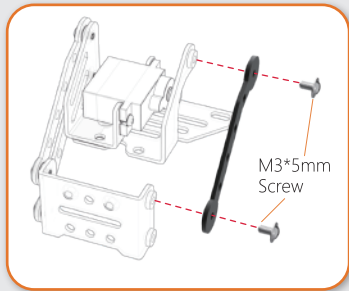
● Step1



● Step2



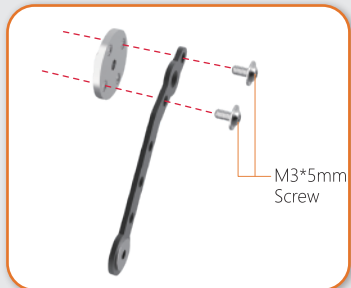
● Step3



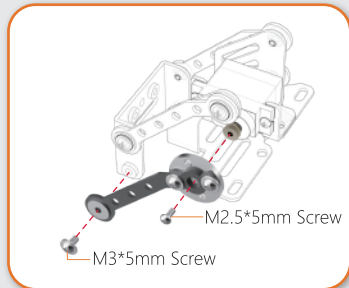
● Step4



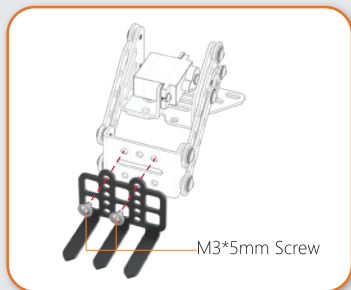
Install Forklift



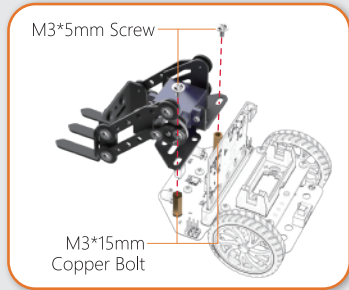
● Step5



● Step6

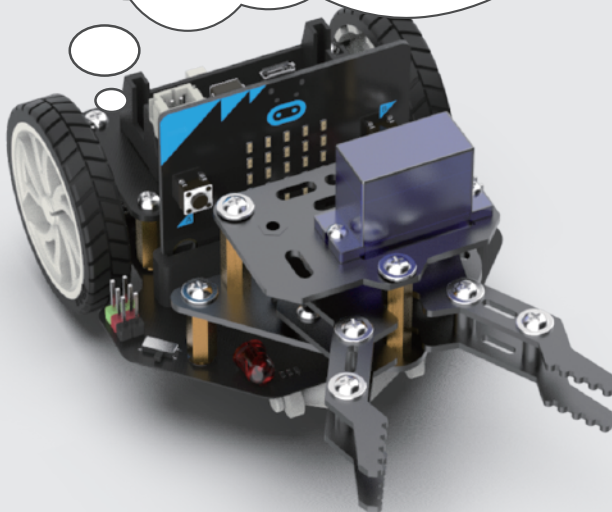
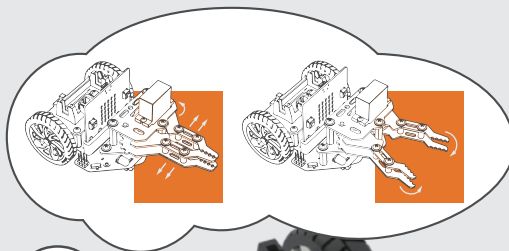


● Step7



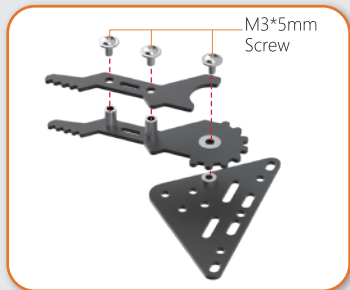
● Step8

Install Mechanical Beetle

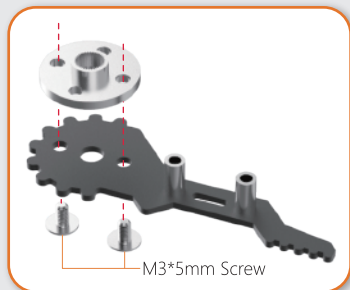




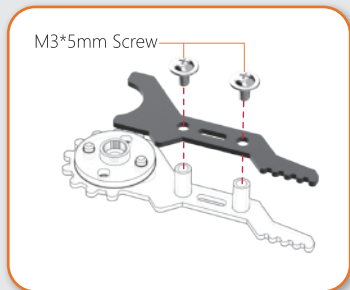
Install Mechanical Beetle



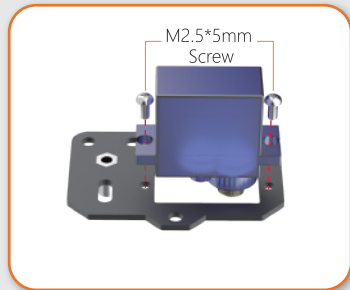
● Step1



● Step2

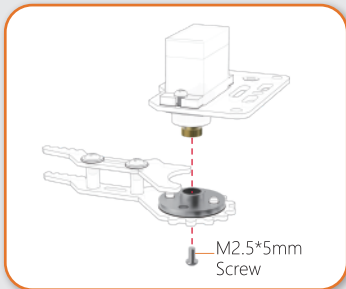


● Step3

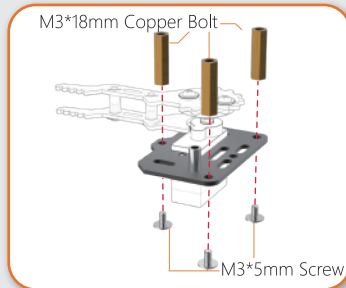


● Step4

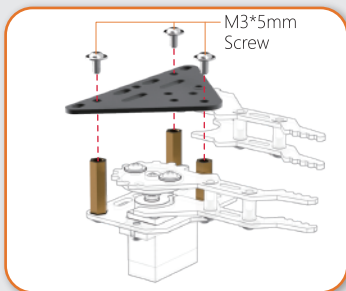
Install Mechanical Beetle



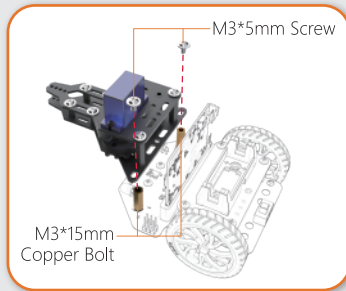
● Step5



● Step6



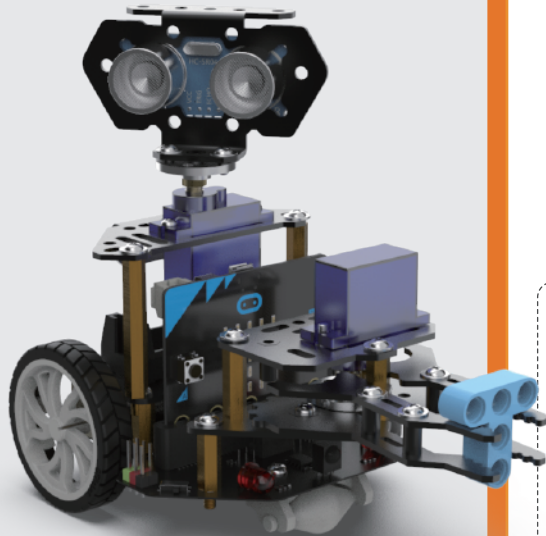
● Step7



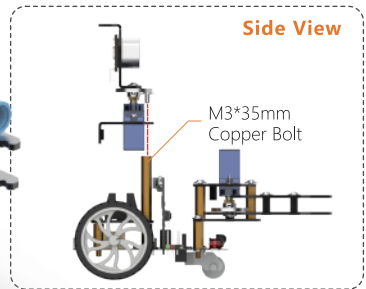
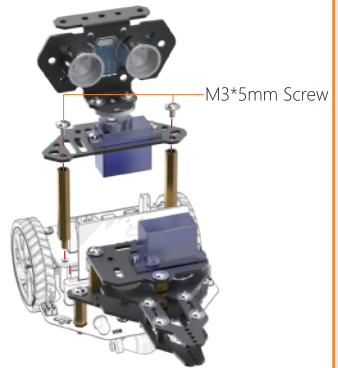
● Step8



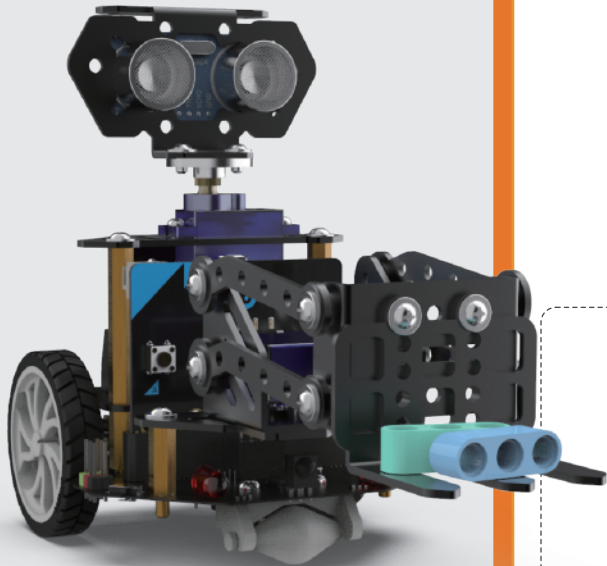
Install Pan-tilt-zoom Mechanical Beetle



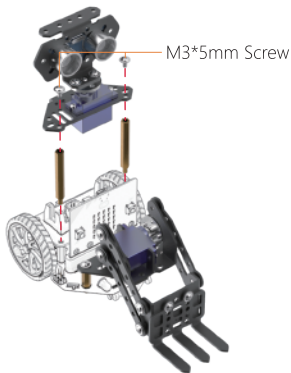
Diagram



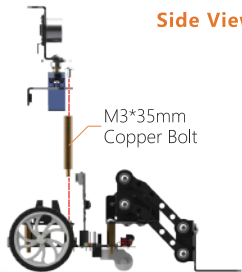
Install Pan-tilt-zoom Forklift



Diagram

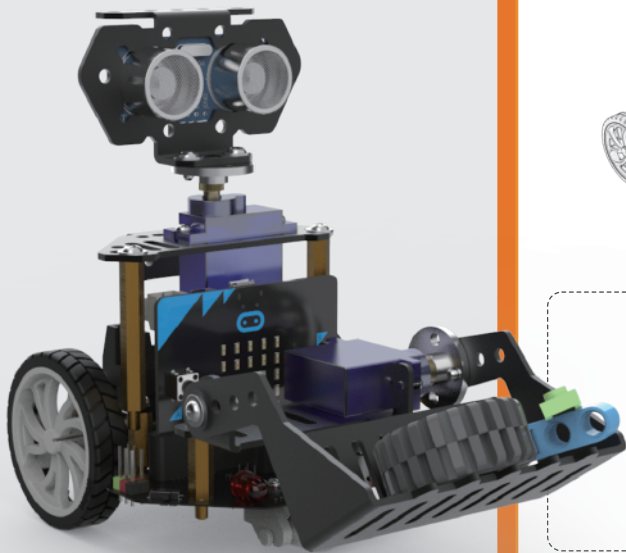


Side View

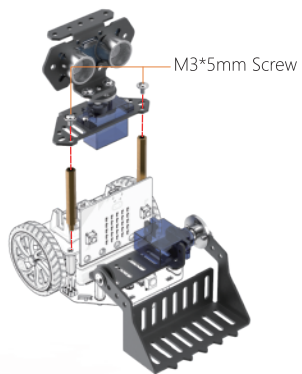




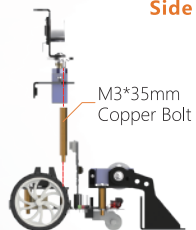
Install Pan-tilt-zoom Loader



Diagram



Side View

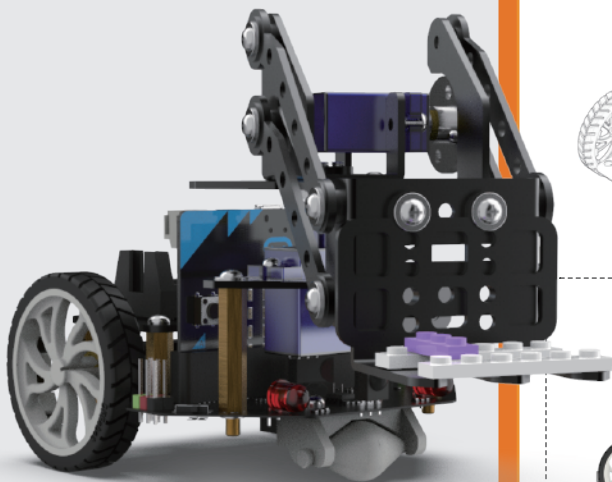
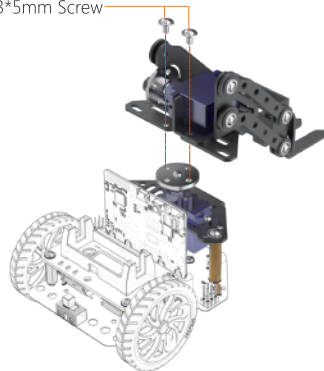


Install Rotating Forklift

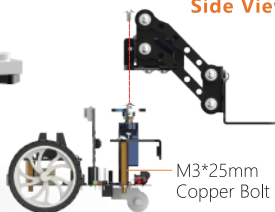


Diagram

M3*5mm Screw



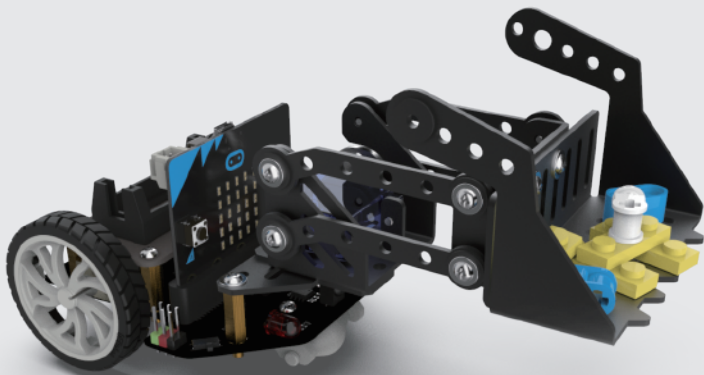
Side View



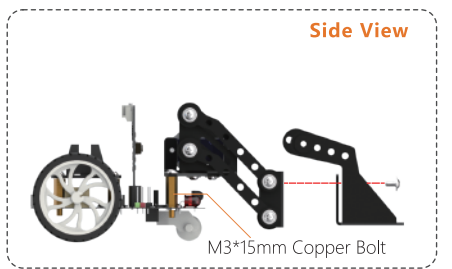
M3*25mm
Copper Bolt



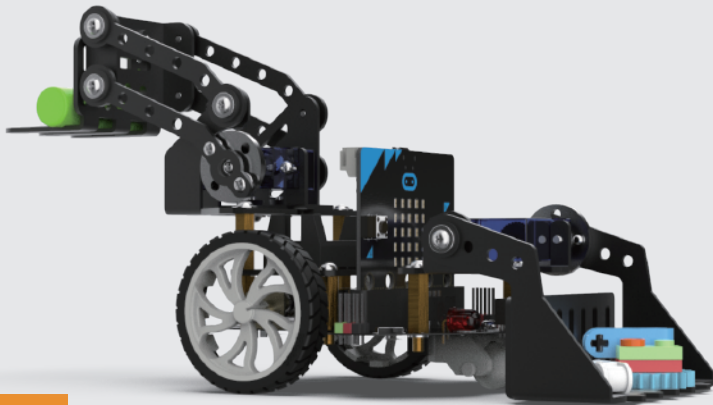
Install Loading Truck



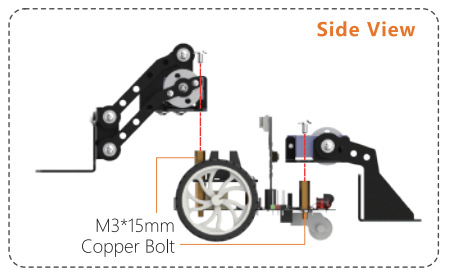
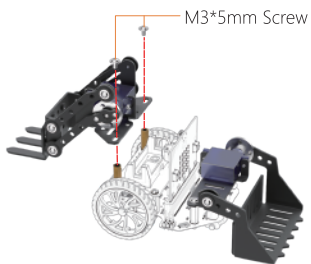
Diagram



Install MPEV

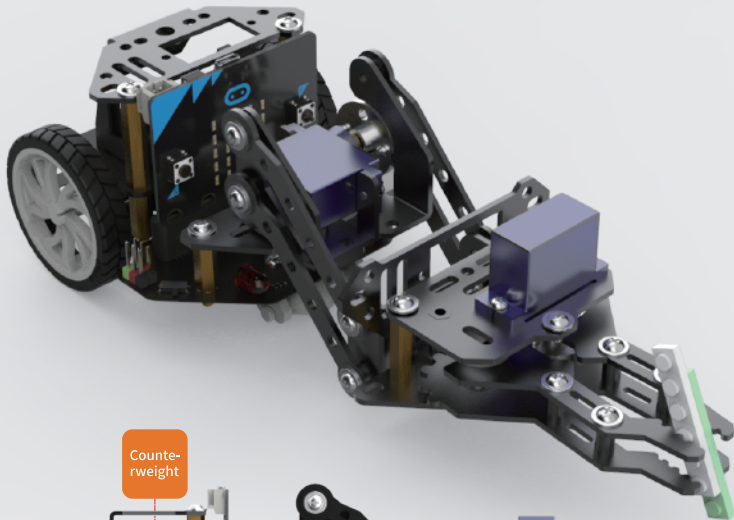


Diagram

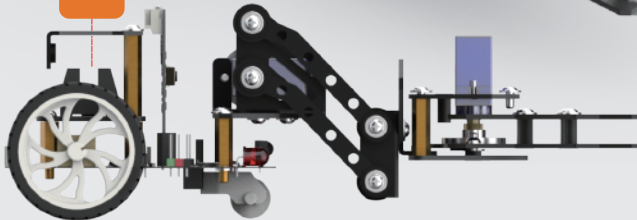




Install Liftable Mechanical Beetle



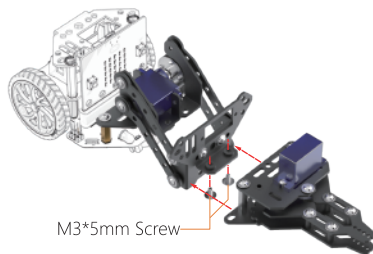
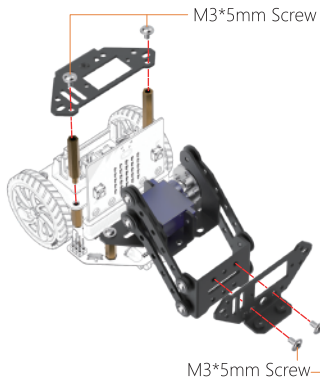
Counte-
rweight



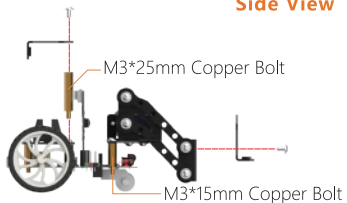
Install Liftable Mechanical Beetle



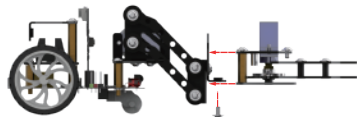
Diagram



Side View



Side View





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