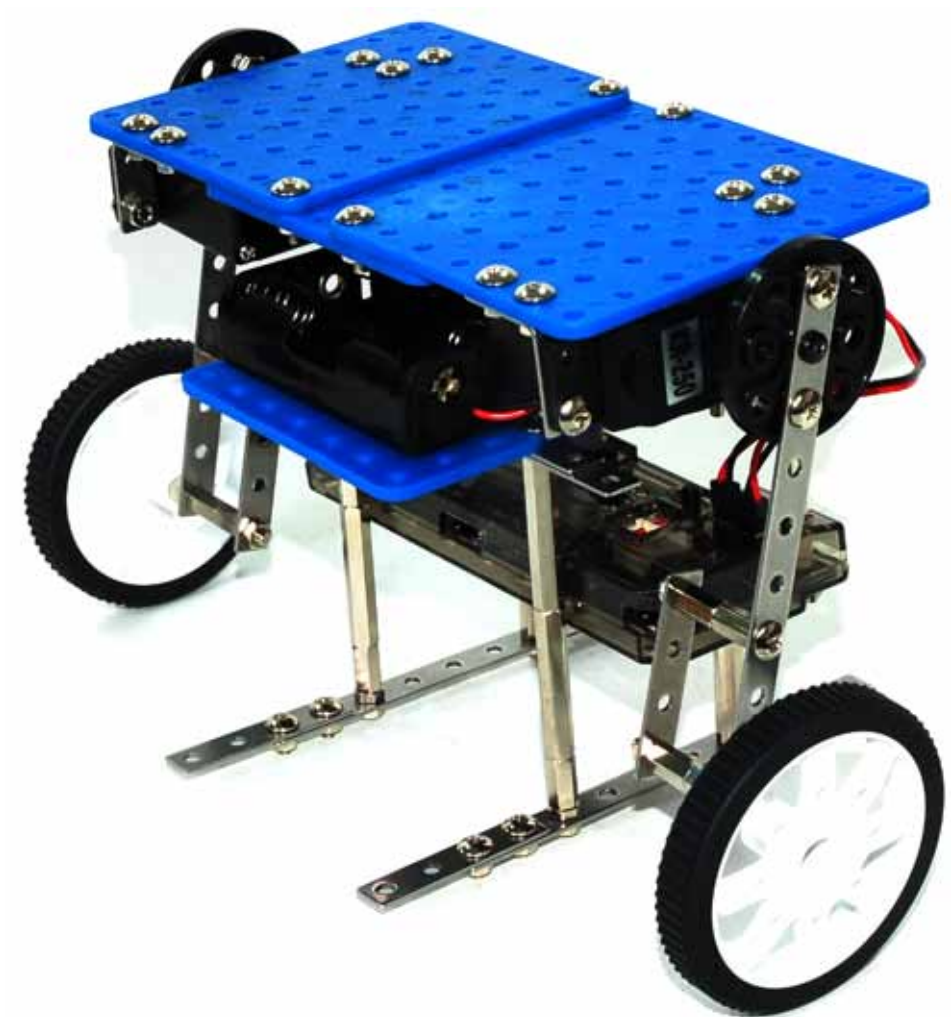


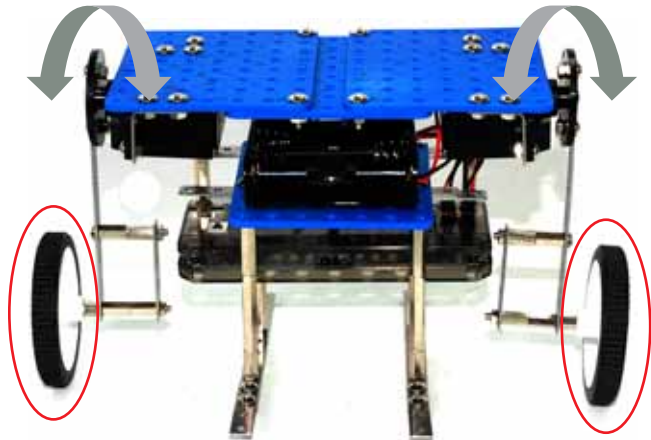
10. Gorilla Robot



Introduction and how it works

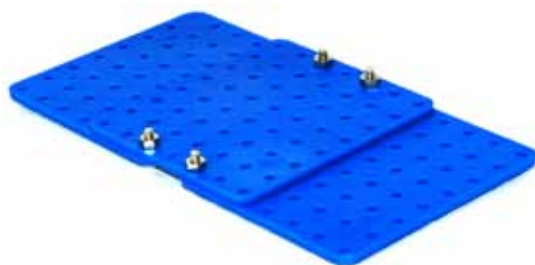
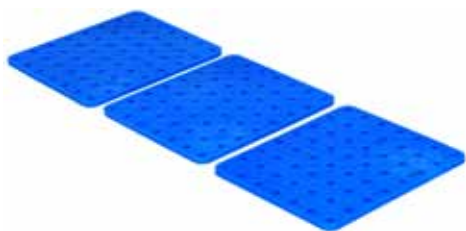


This robot can strike or push another robot with its long arms. Also, its arms spin 360 degrees due to a DC motor. If those arms hit the ground, the robot can move forward. Also, an infrared light sensor adjusts the arms to spin at the same speed, so that the robot can move straight forward.



When the wheels spin, there is a friction between the ground and arms. Hence, the robot can move.

1

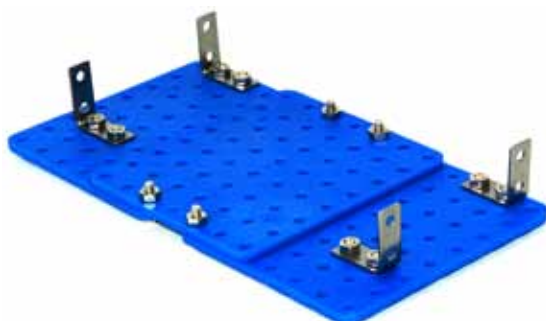


X 4



X 4

2

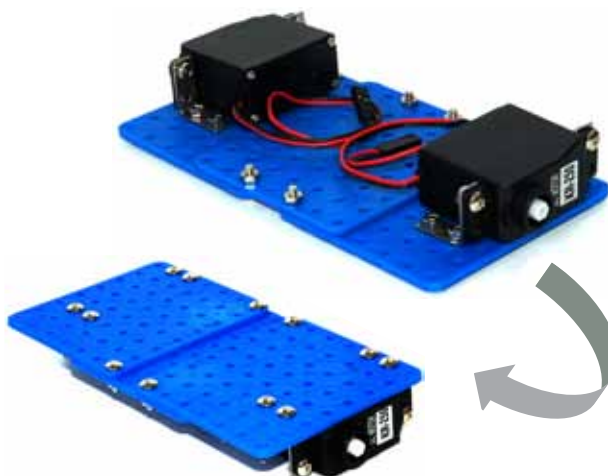


X 8



X 8

3

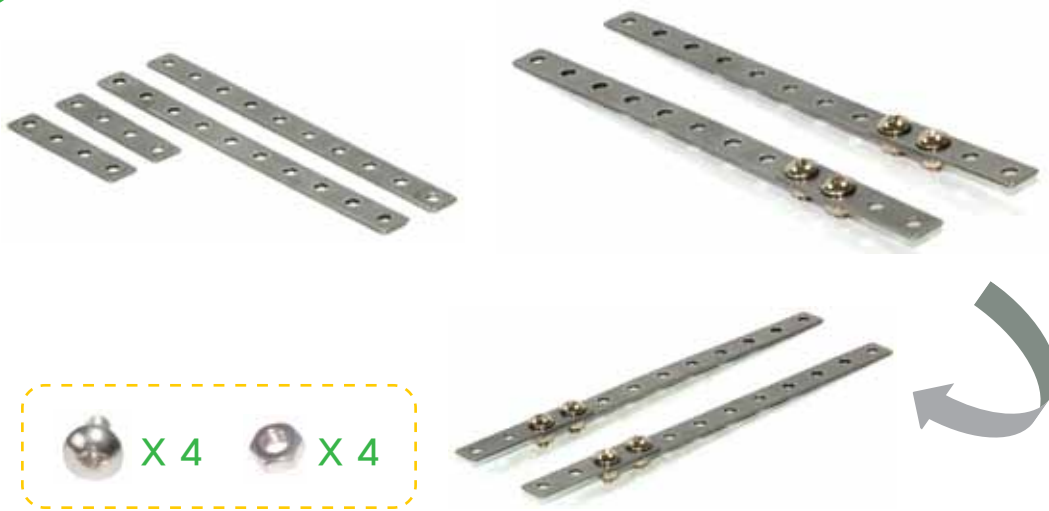


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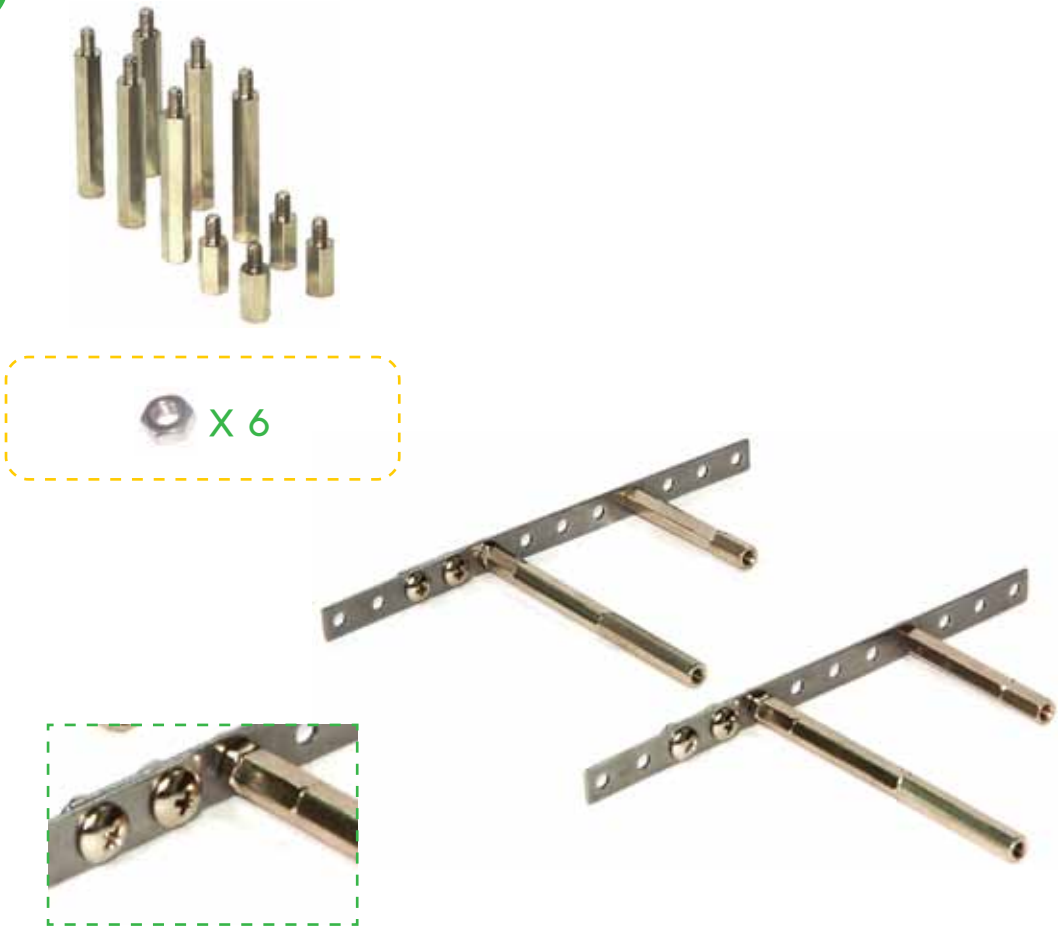


X 4

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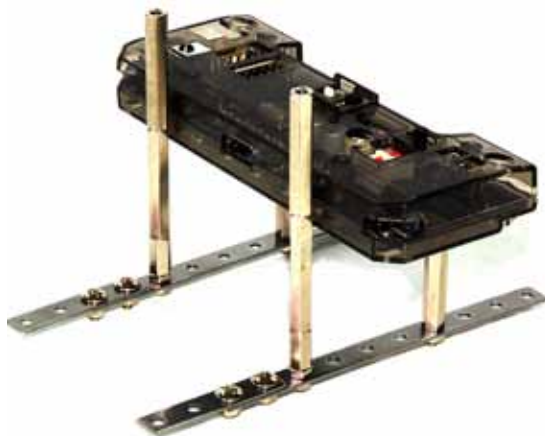
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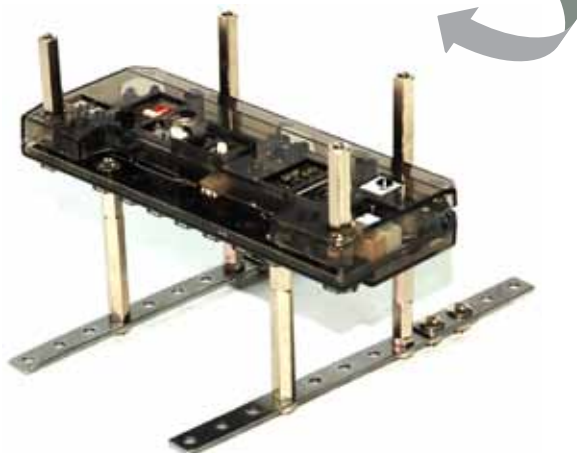
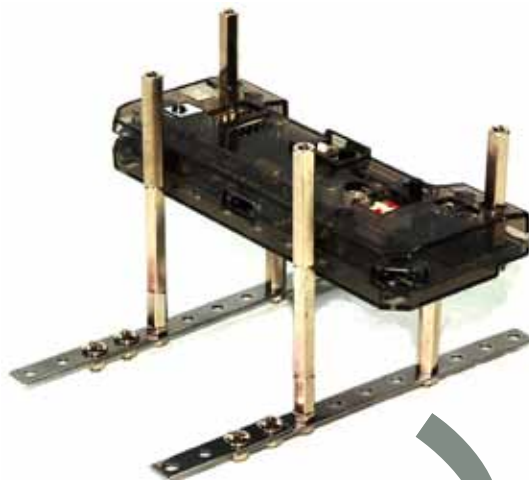
X 2



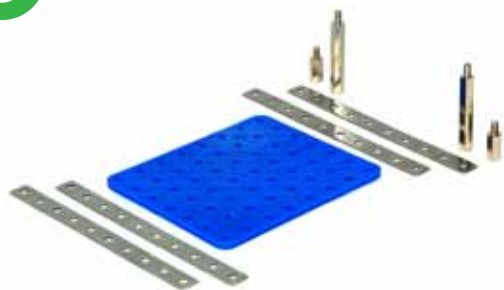
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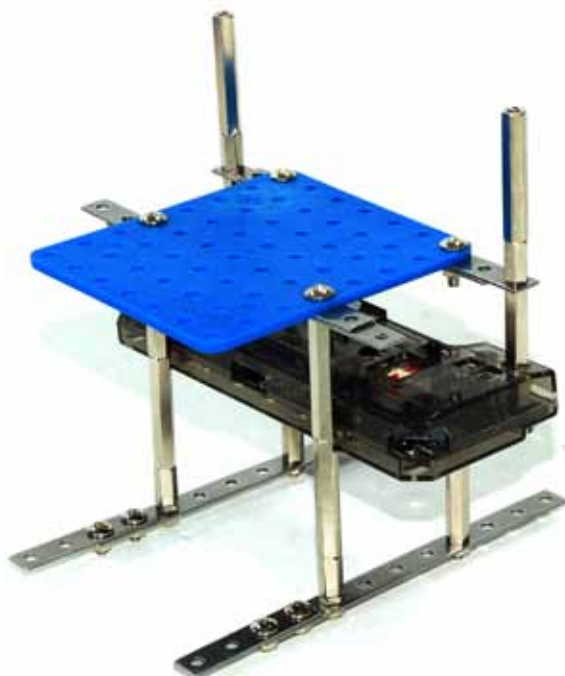
X 2



8



X 4 X 2



9



X 6 X 8



10



X 2



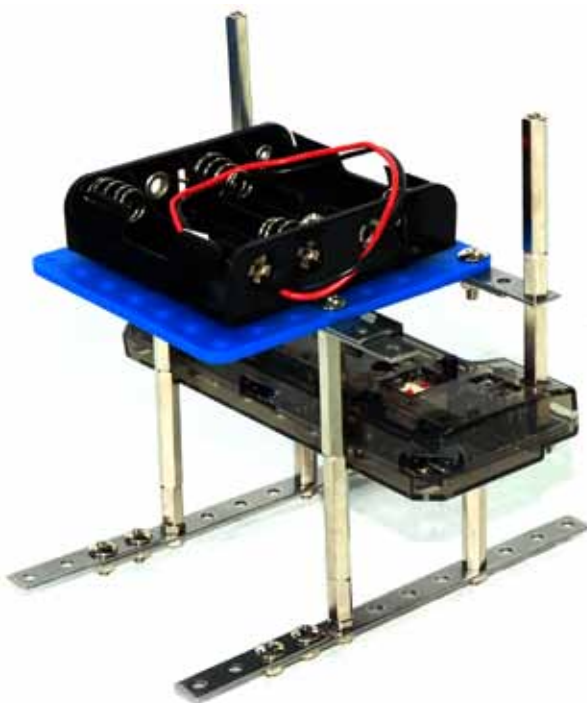
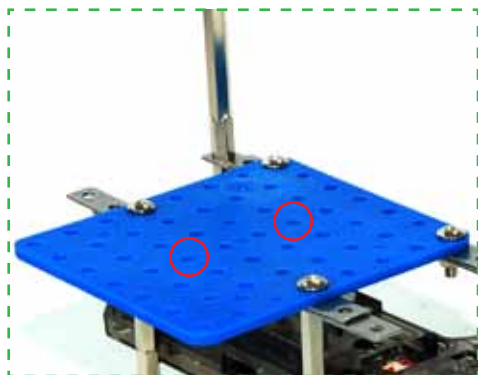
X 2



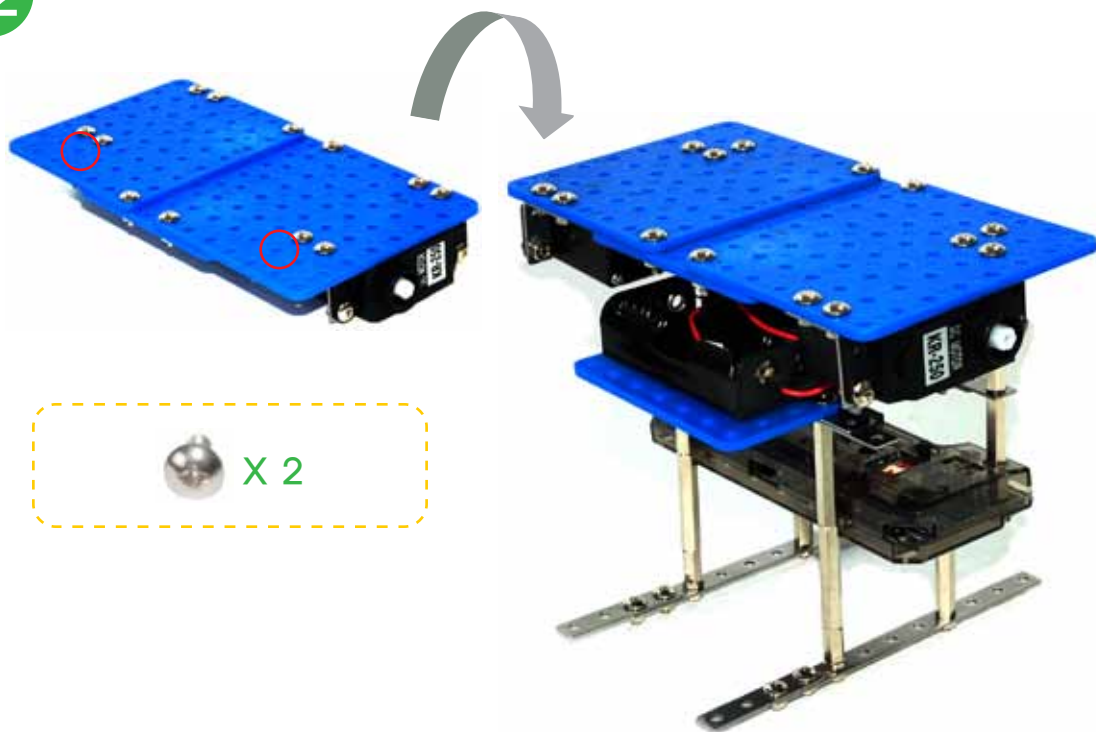
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X 2



12

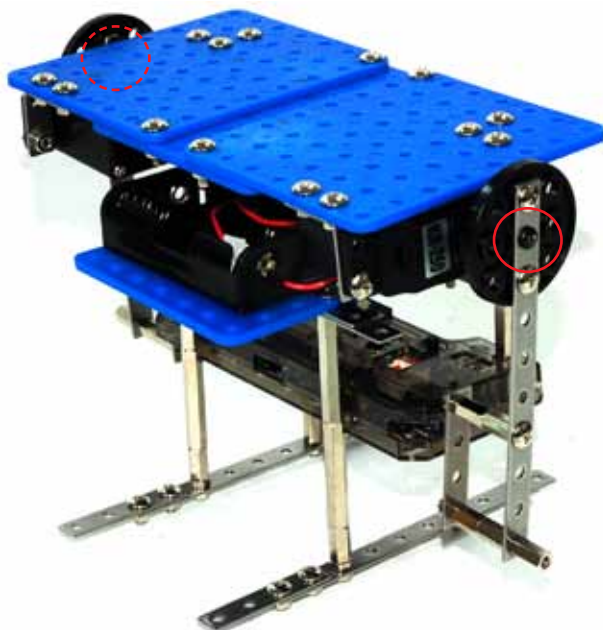


X 2

13



X 2



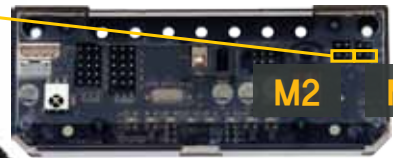
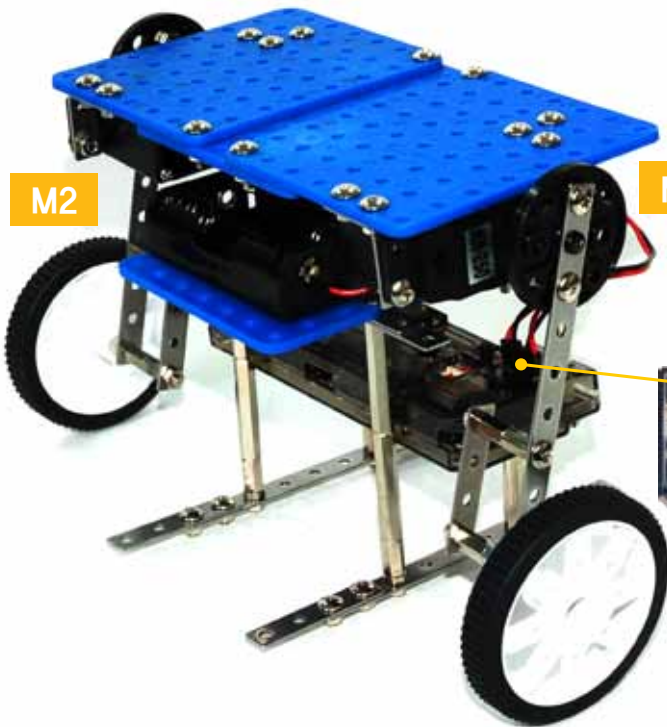
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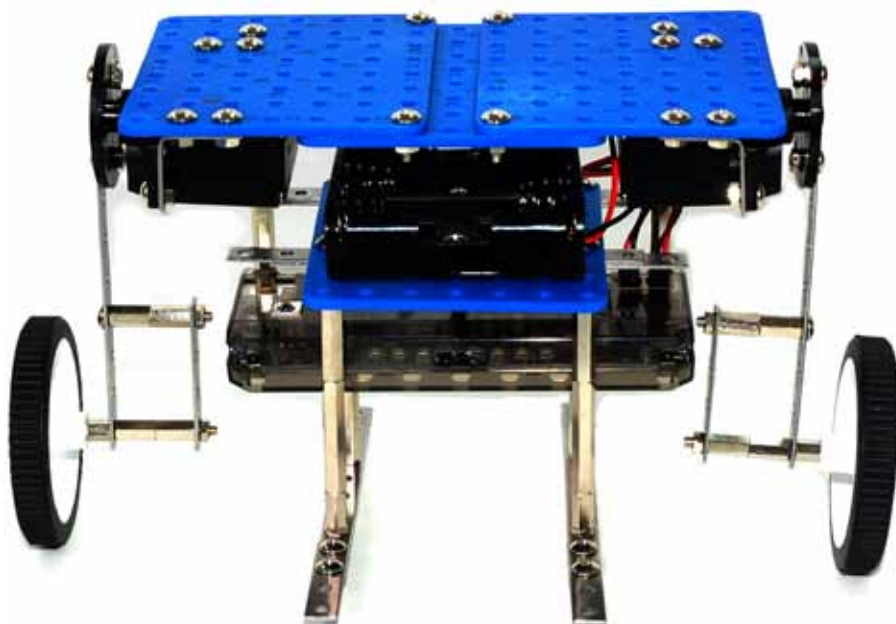
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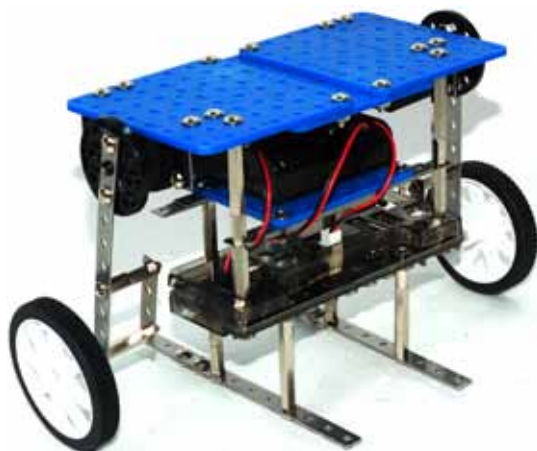
completion



Front view



Right view



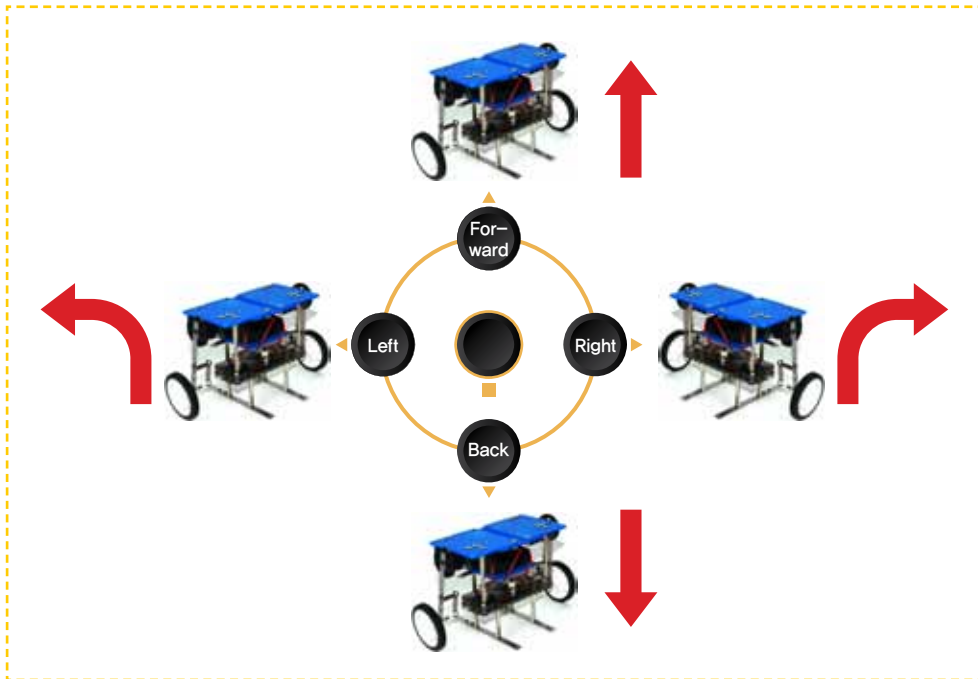
Back view



Acting Module



Gorilla Robot uses program mode 10 to operate.



Move
Forward

If you press the center button,
the robot will move forward until
you give another command.