



mBot Add-on Pack - Six-legged Robot

SKU: 98050 Weight: 255.00 Gram



What is mBot six-legged robot?

mBot six-legged robot is a 3-in-1 expansion pack based on mBot.

You can construct "Beetle", "Mantis" and "Crazy Frog" with mBot and the parts inside the pack.

The mBot six-legged robot makes mBot more vivacious and enjoyable. Let's get your six-legged robot move!

Shape one: Beetle

A six-legged beetle that moves quickly.
It turns around and attacks the enemy promptly!

Shape two: Mantis

It quietly crawls, waving two arms disposedly.
It is the hunter from the darkness,
approaching you, and catching you...

Shape three: Crazy Frog

A little crazy frog,
dashes around so madly that,
nobody can stop it.

Specifications	
SKU	98050
Model	mBot six-legged robot
Type	Expansion pack
Weight	255g (8.99oz)
Outer packing size (length×width×height)	100×60×150mm

Part List		
6 × Screw M4 x 8mm	8 × Screw M4 x 14mm	8 × Screw M4 x 22mm
4 × Screw M4 x 30mm	4 × Screw M4 x 35mm	8 × NutM4
16 × Lock Nut M4	12 × Plastic Spacer 4 x 7 x 10mm	14 × Plastic Spacer 4 x 7 x 3mm
24 × Rivet	2 × Beam0412-108-Blue	2 × Beam0412-092-Blue
6 × Beam0412-076-Blue	2 × Beam0412-060-Blue	2 × Plate 45°-Blue
1 × Wrench M5+M7		

Assembling Step of the Six-Legged Robot

1

Plastic Spacer 4x7x10mm	x2
Screw M4x22	x2
Plastic Spacer 4x7x3mm	x4

Line Follow Sensor

Note: Remove the front wheel and the line follow sensor from mbot beforehand, then follow the instruction to start building.

2

Beam0412-070-08mm	x1
Screw M4x22	x1
Plastic Spacer 4x7x10mm	x1
Lock Nut M4	x1

3

Plate 45°	x1
Screw M4x9	x2
Nut M4	x2

4

Beam0412-050	x1
Screw M4x22	x1
Plastic Spacer 4x7x10mm	x1
Nut M4	x1

5

Screw M4x30	x1
Beam0412-092	x1

7

Beam0412-076	x1
Lock Nut M4	x1

6

Beam0412-108	x1
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8

Beam0412-076	x1
Lock Nut M4	x1
Screw M4x14	x1
Plastic Spacer 4x7x3mm	x1

9

Note: The self-drilling screw here is the same as the one in the original robot.

11

Lock Nut M4	x1
Screw M4x14	x1
Plastic Spacer 4x7x3mm	x1

10

Screw M4x35	x1
Lock Nut M4	x1
Plastic Spacer 4x7x10mm	x2

12

Lock Nut M4	x1
Screw M4x14	x1
Plastic Spacer 4x7x3mm	x1

Use the same method to build the other part on robot. Let's continue to build the six-legged robot.