

Assembling Step of the Six-Legged Robot

1

Plastic Spacer 4x7x10mm	x2
Screw M4*22	x2
Plastic Spacer 4*7*3mm	x4

Line Follower Sensor

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

2

Beam0412-076-Blue	x1
Screw M4*22	x1
Plastic Spacer 4*7*10mm	x1
Lock Nut M4	x1

5

Screw M4*30	x1
Beam0412-092	x1

6

Beam0412-108	x1
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9

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

10

Screw M4x35	x1
Lock Nut M4	x1
Plastic Spacer 4*7*10mm	x2

3

Plate 45*	x1
Screw M4*8	x2
Nut M4	x2

4

Beam0412-060	x1
Screw M4*22	x1
Plastic Spacer 4*7*10mm	x1
Nut M4	x1

7

Beam0412-076	x1
Lock Nut M4	x1

8

Beam0412-076	x1
Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

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Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

12

Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

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