

Walking Robot DIY Tutorial

Make your own two-legged walking robot at home with just a BO motor, a switch, and a battery. This is a fun and easy robotics project for beginners, school students, and hobbyists. The robot walks forward using a simple mechanical leg motion powered by one motor — no microcontroller or programming needed!

Components

1 BO Motor

1 cell

1 Switch

12 screws



Step-by-Step Instructions

1 Walking robot requirements

Robot body and other components you can get from our shopping website, Log in to www.makeacademy.in website and visit shopping page there.



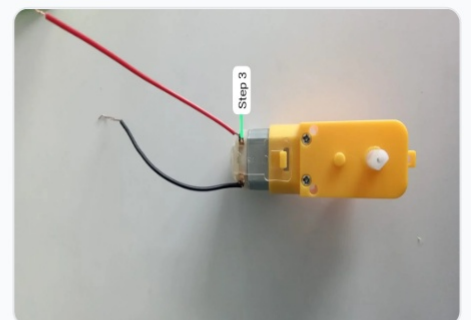
2 Fixing Head and body

Take head and body parts and fix the robot like shown image.



3 Connecting motor with wires

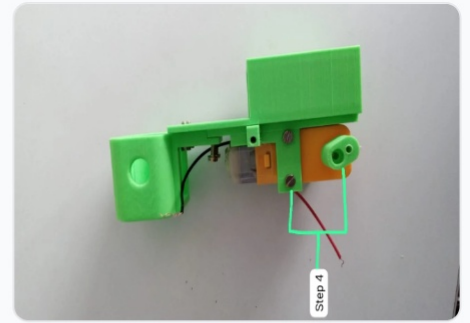
Connect BO moto with Two wires like shown image.



4

Fixing motor

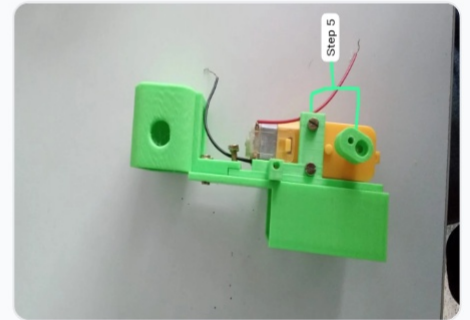
Fixing the motor in the middle of front body part of robot, and add leg connector, keep left leg connector down like shown image.



5

Right leg connector fixing

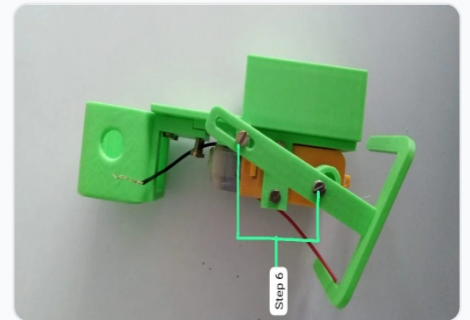
After adding left leg, same do for right leg also but keep right leg connector up like shown image.



6

Fixing Legs for Walking

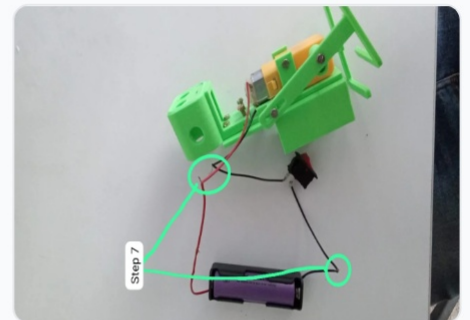
Fix the legs like image for both side like the image.



7

Connecting with battery

Connect the wires of battery with the motor and switch like shown image.



8

Placing components

After arranging all things by following the images and instructions, place the battery and switch like shown image. That's it, amazing walking robot ready.

