

# SYNTHIAM

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## **Build A Vacuum Gripper W Servo , Syringe , Tubing**

Hello community , in the spirit of diy progression I am sharing some pictures and info on vacuum grippers. I will make a separate thread for pressurized grippers and cylinders so that they are easier to search and find. Simple vacuum grippers consist of a few parts

- actuator
- pressure/vacuum cylinder
- hard tubing
- suction cup style gripper

The actuator can easily be a rc servo , then a vacuum chamber a syringe , since this is a low neg pressure aquarium off or vinyl...

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## Step 1

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The actuator can easily be a rc servo , then a vacuum chamber a syringe , since this is a low neg pressure aquarium off or vinyl tubing works fine. Lastly you need a soft suction cup on the end. Here is linxmotions idea of how this looks but the idea by no means is new.