

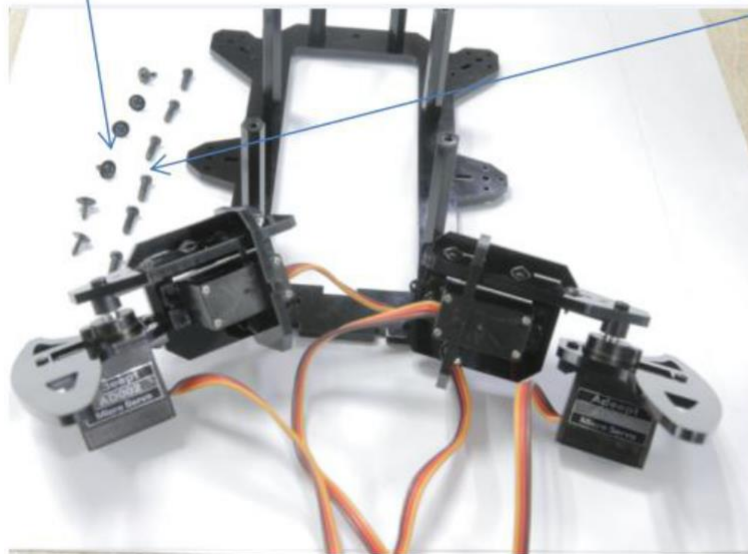
Effect diagram after assembling:



(2) Assemble the following component

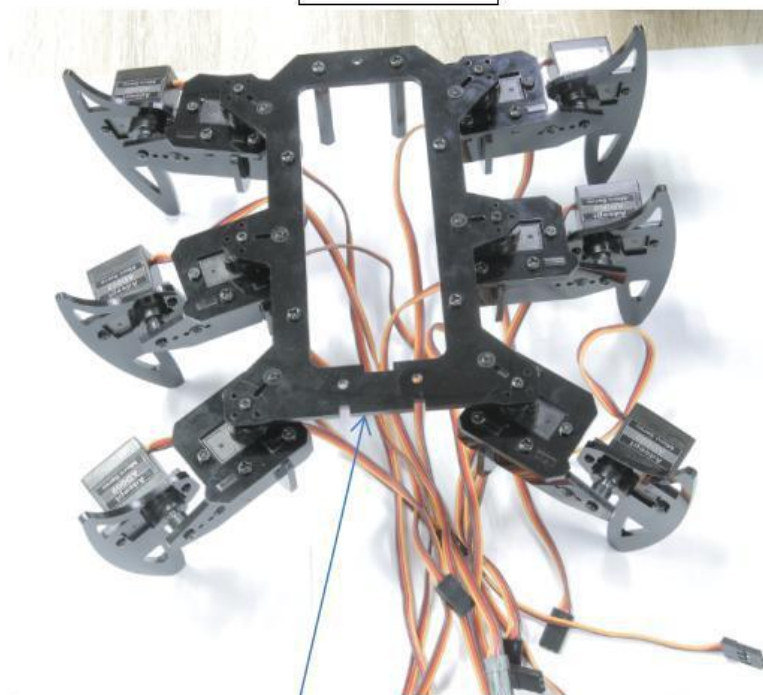
M1.7*6*6 self-tapping Screw
X6

M2.5*8 screw
X6



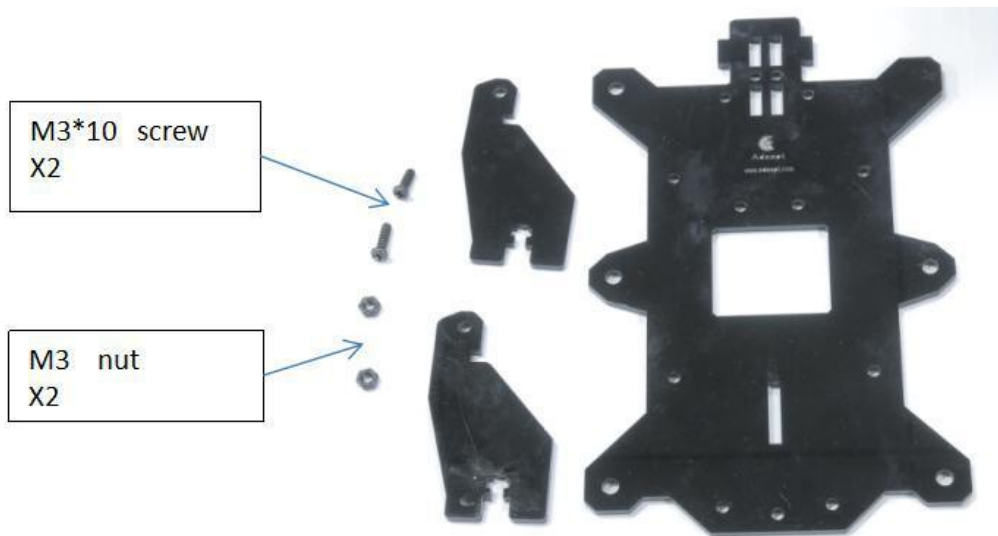
Effect diagram after assembling:

Front view

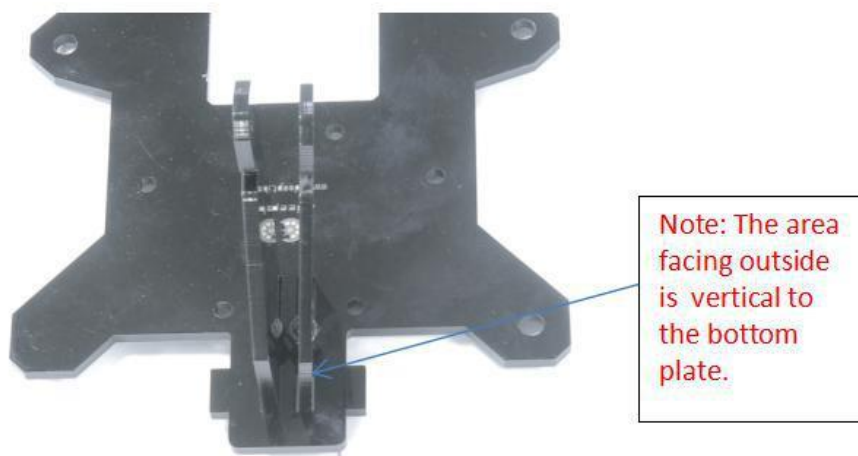


Note: The front of the bottom plate is without nylon standoffs. The legs on both sides should be as shown.

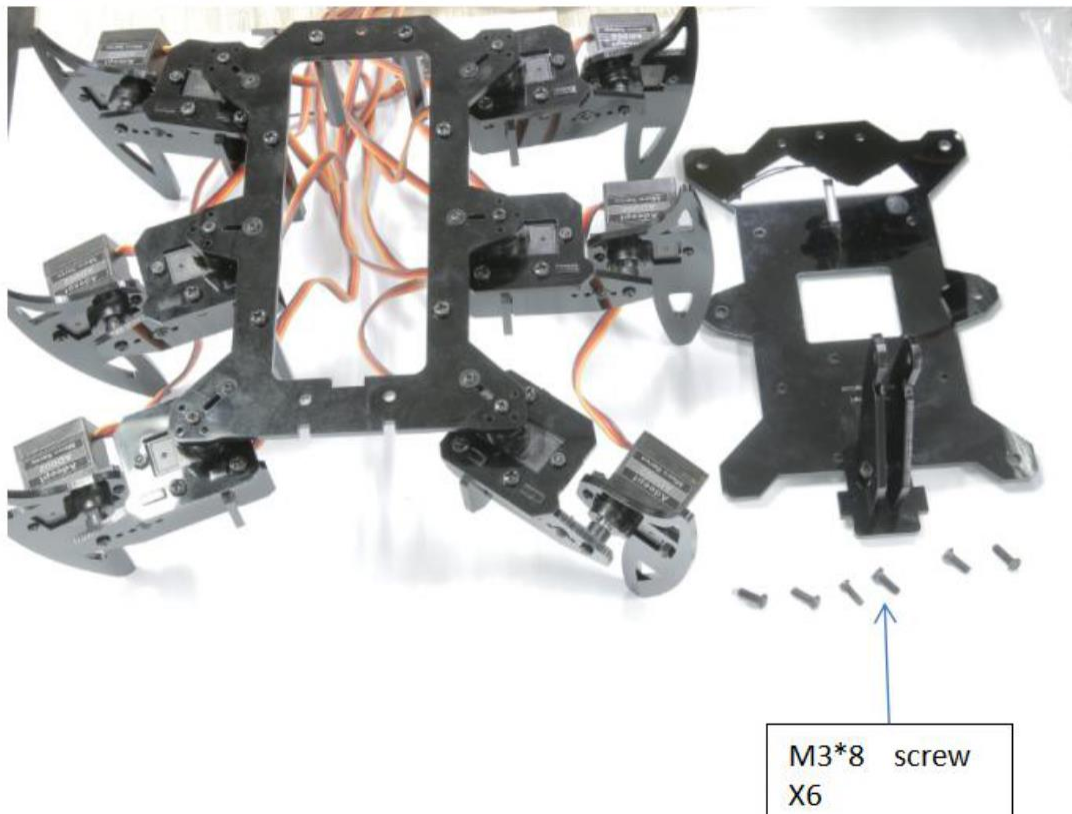
(3) Assemble the following component



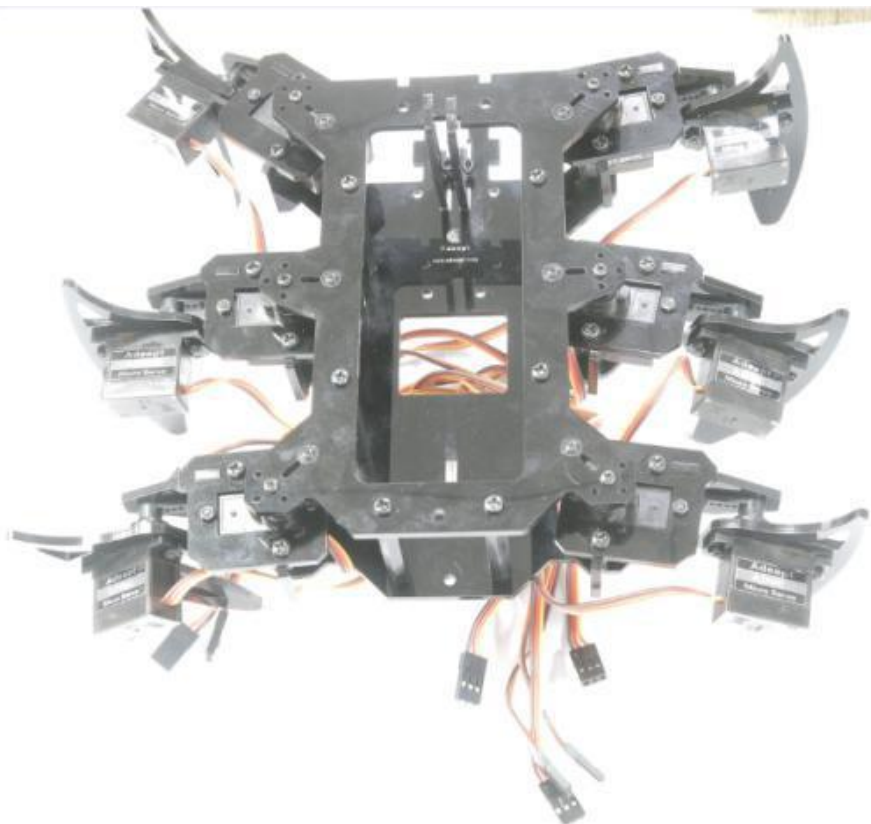
Effect diagram after assembling:



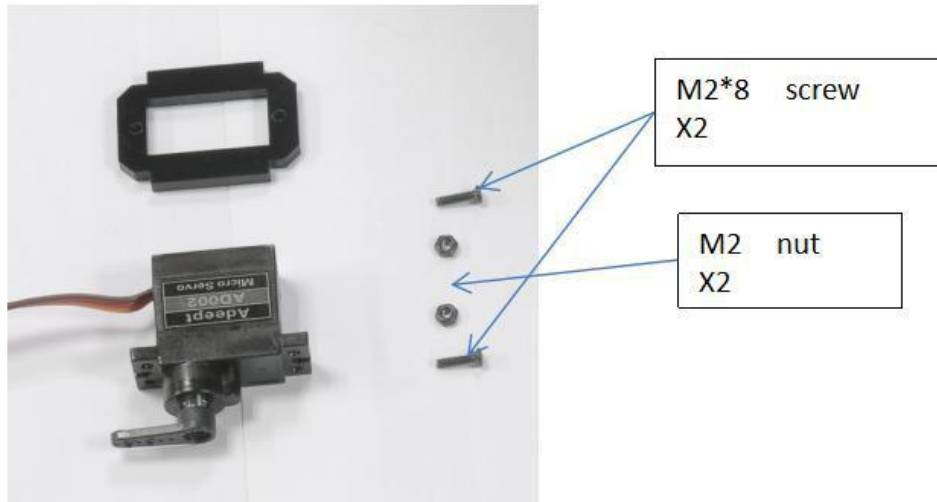
(4) Assemble the following component



Effect diagram after assembling:



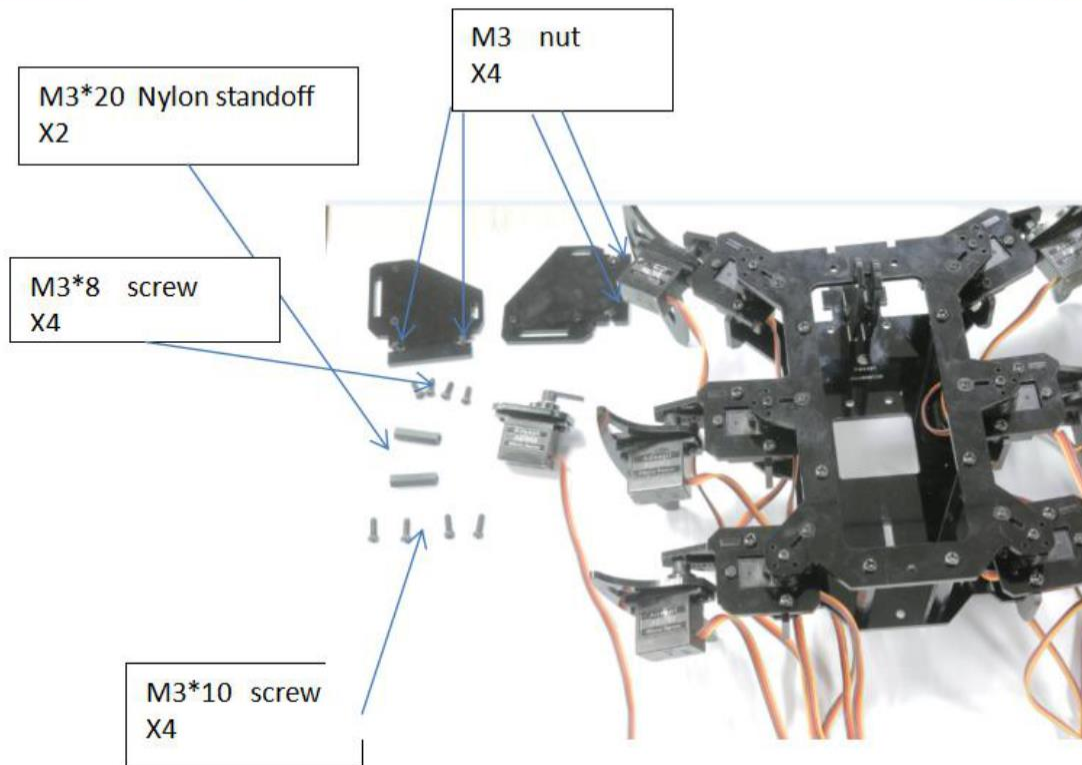
(5) Assemble the following component



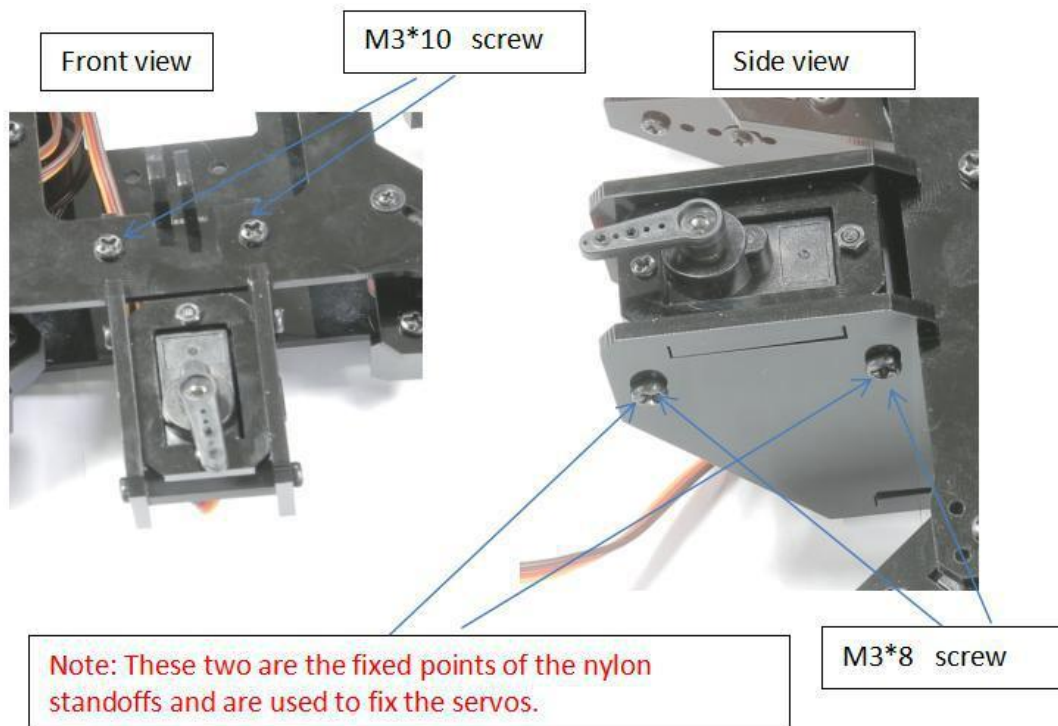
Effect diagram after assembling:



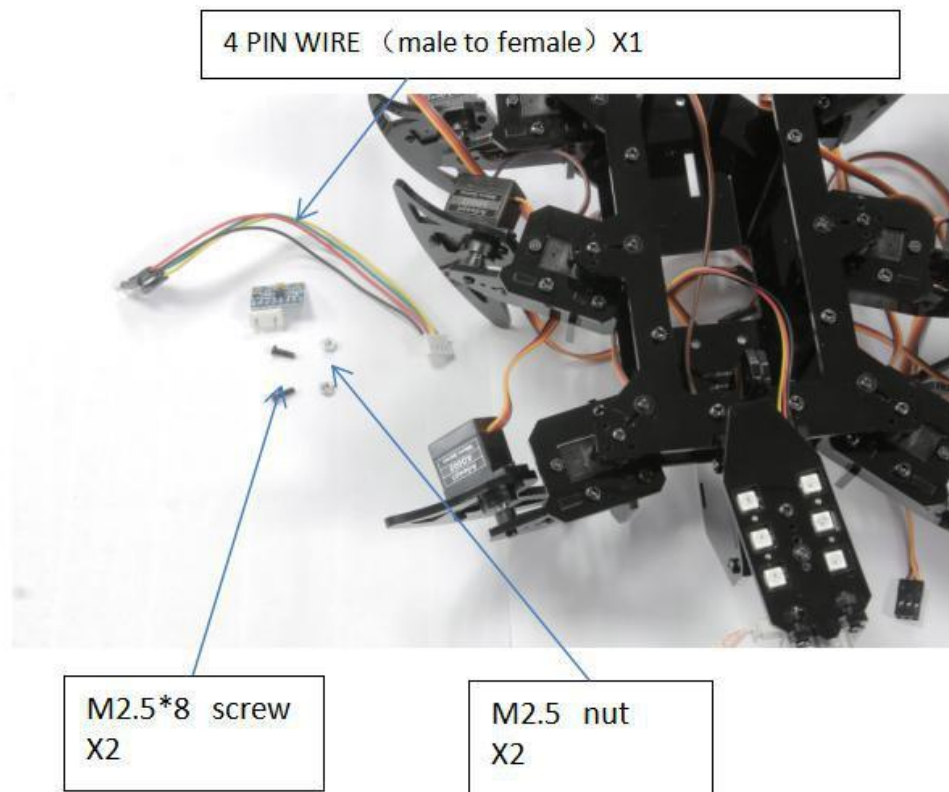
(6) Assemble the following component



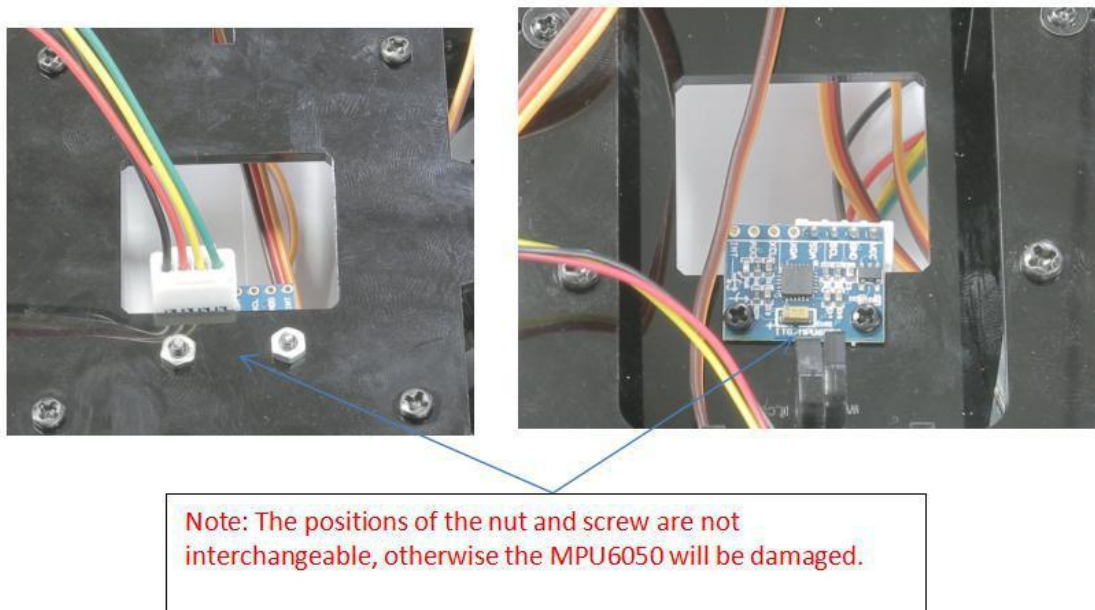
Effect diagram after assembling:



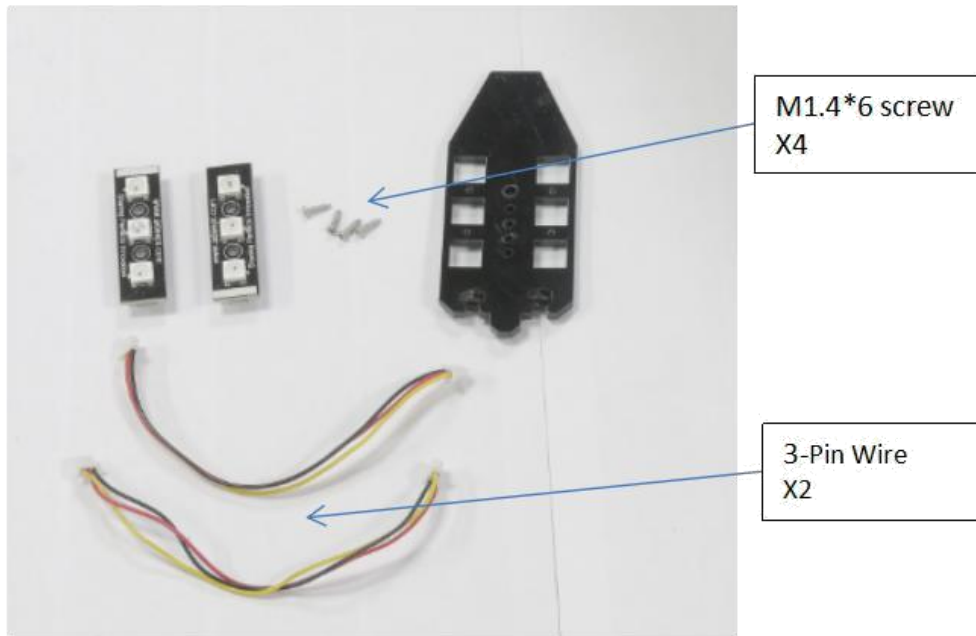
(7) Assemble the following component



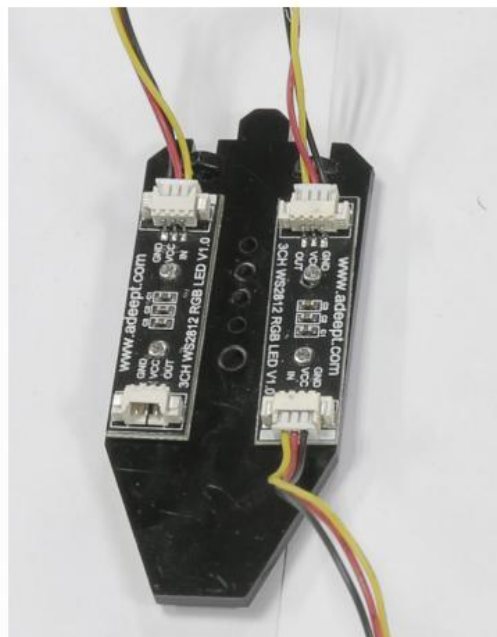
Effect diagram after assembling:



(8) Assemble the following component

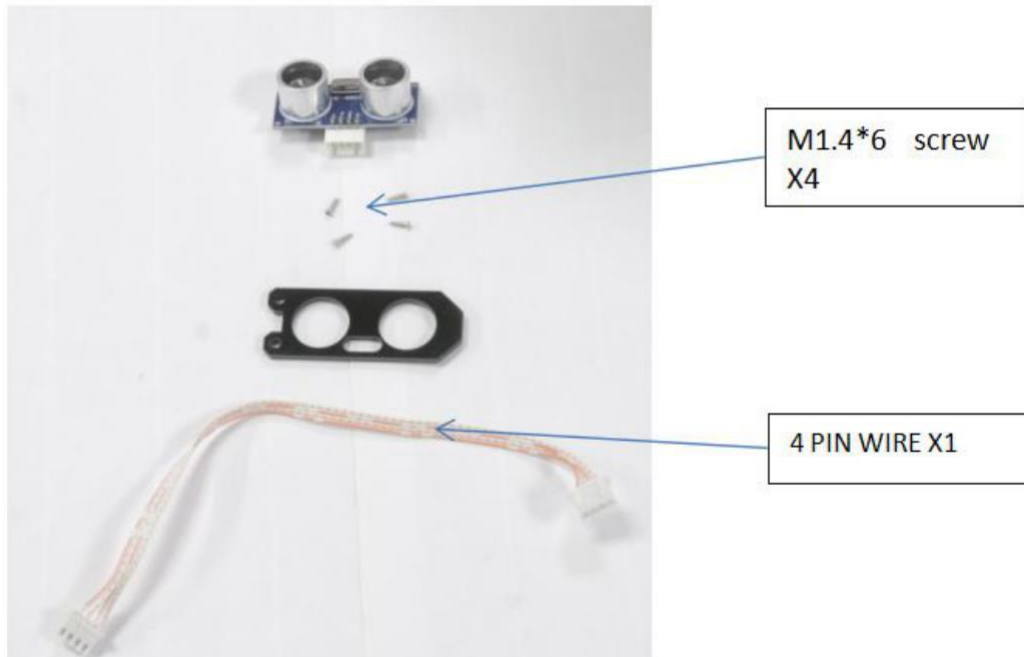


Effect diagram after assembling:

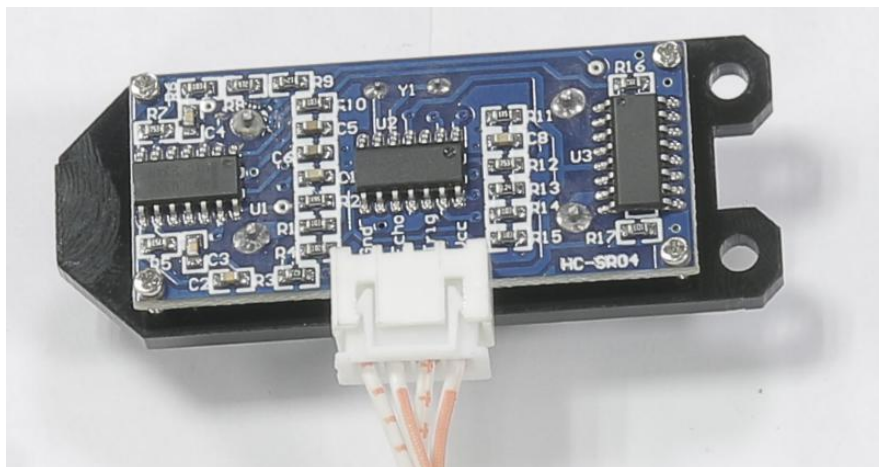


Note: The LED module has an input (IN) with a white edge and an output (OUT) without white edge. If the LED does not light up in yellow normally, then check if the input and output are reversed.

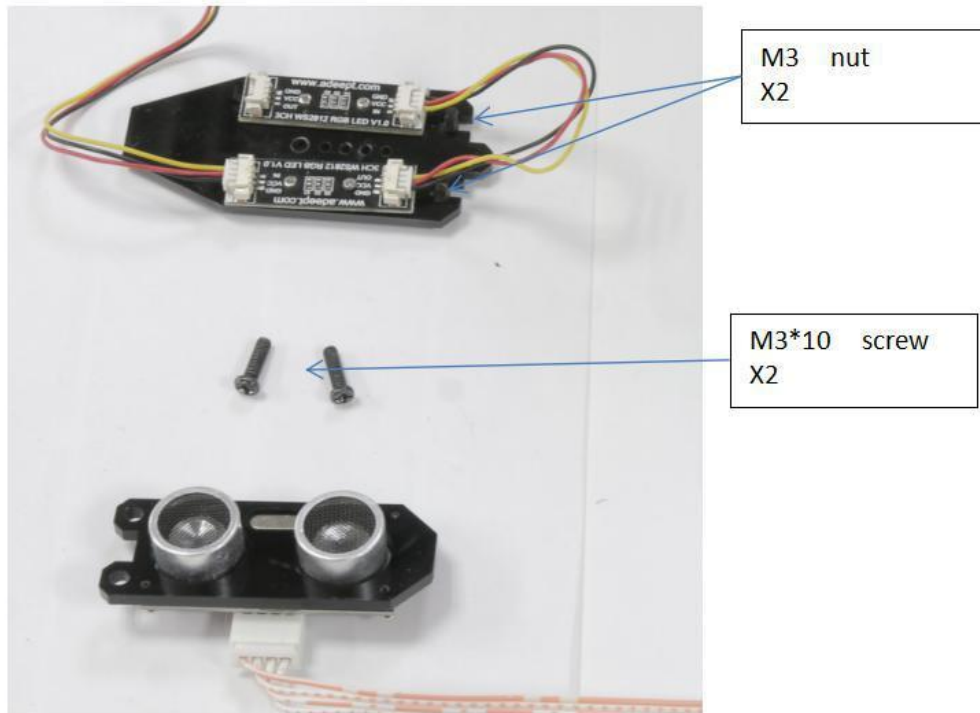
(9) Fix Adeept Ultrasonic Module on acrylic plate



Effect diagram after assembling:



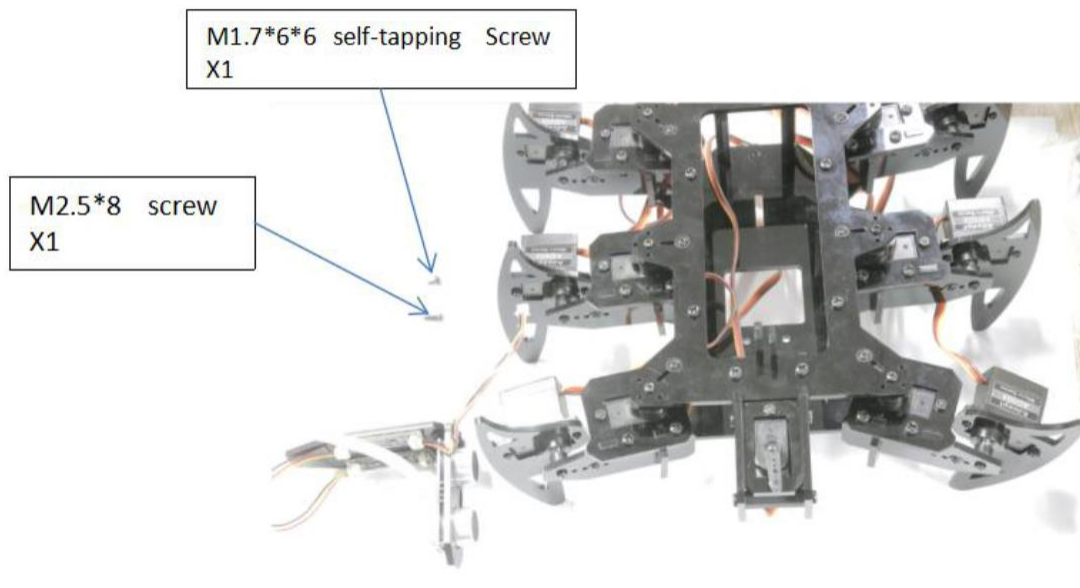
(10) Assemble the following component



Effect diagram after assembling:



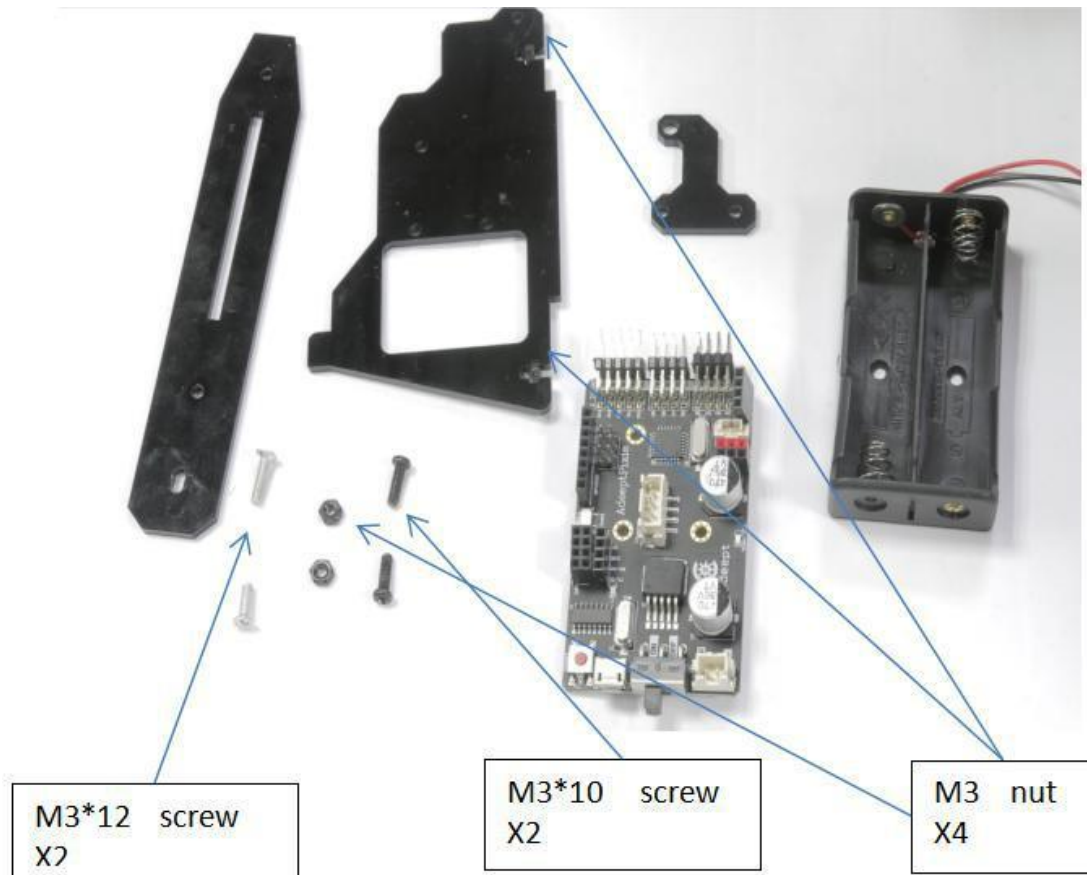
(11) Assemble the following component



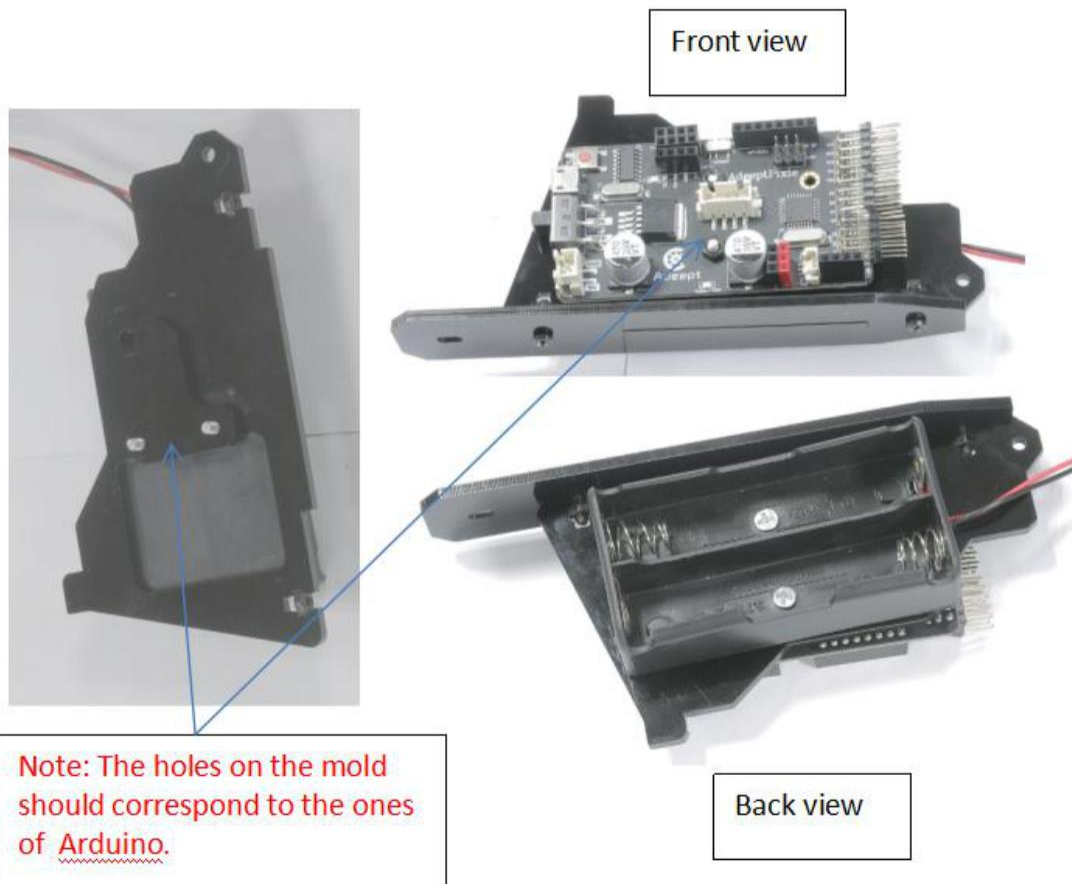
Effect diagram after assembling:



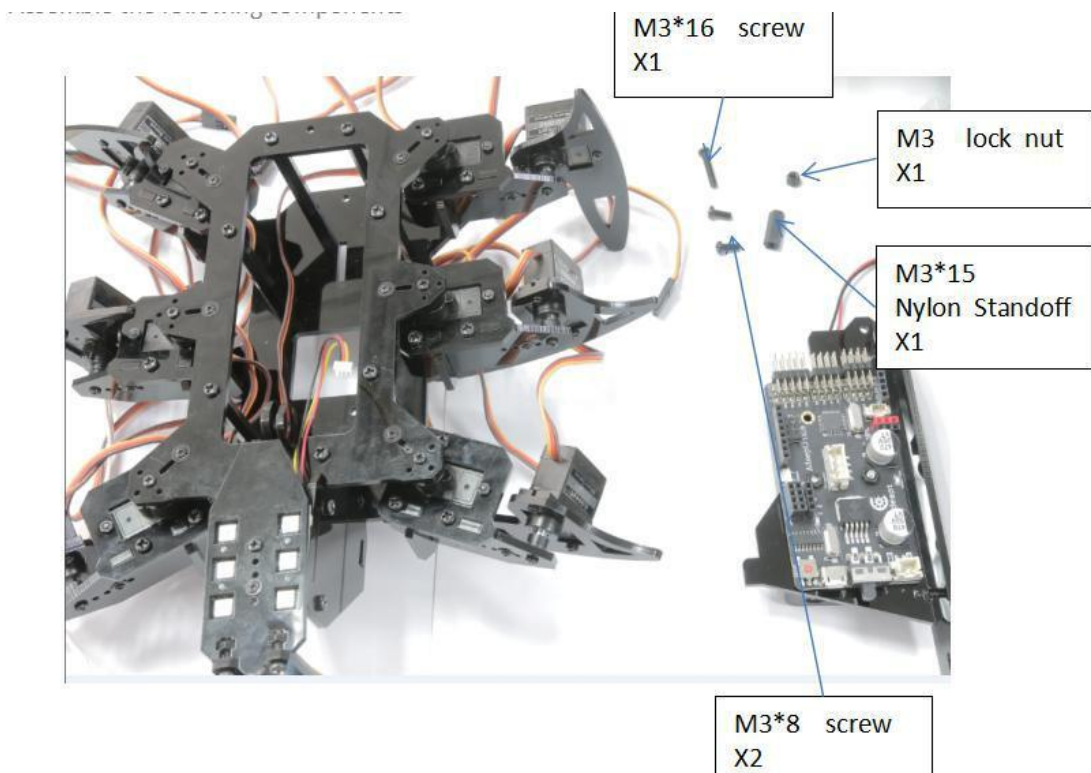
(12) Assemble the following component



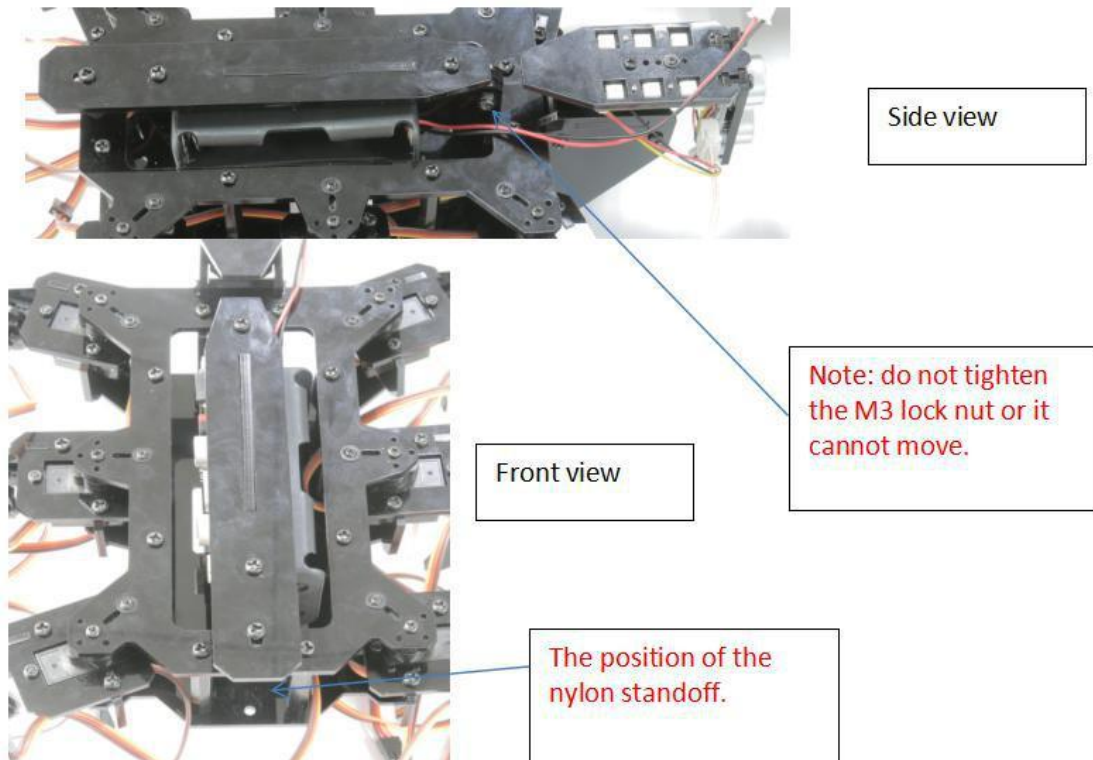
Effect diagram after assembling:



(13) Assemble the following component

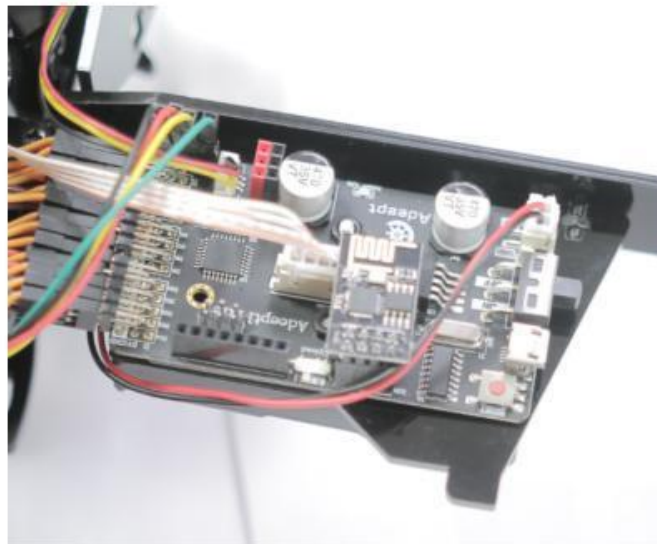


Effect diagram after assembling:



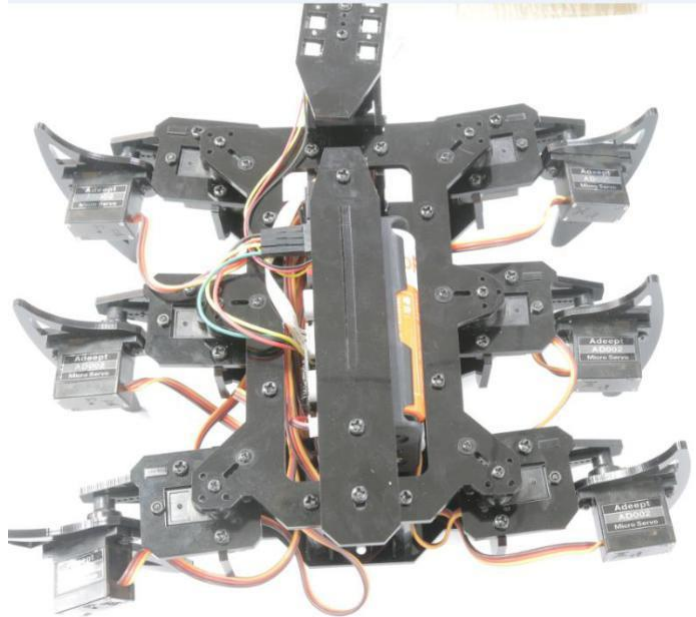
(14) Connect Arduino HAT and the robot

Effect diagram after assembling Wiring diagram:

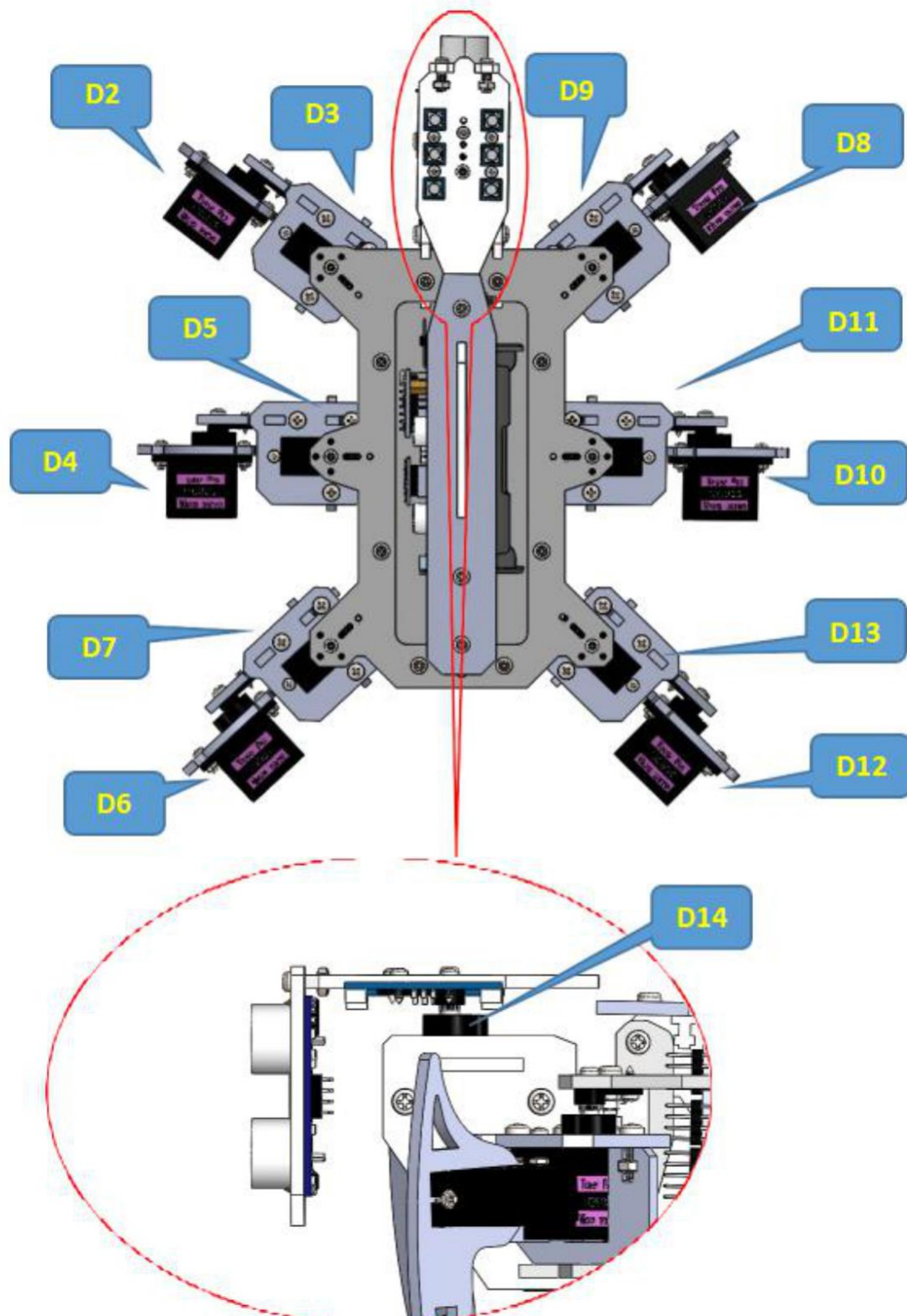


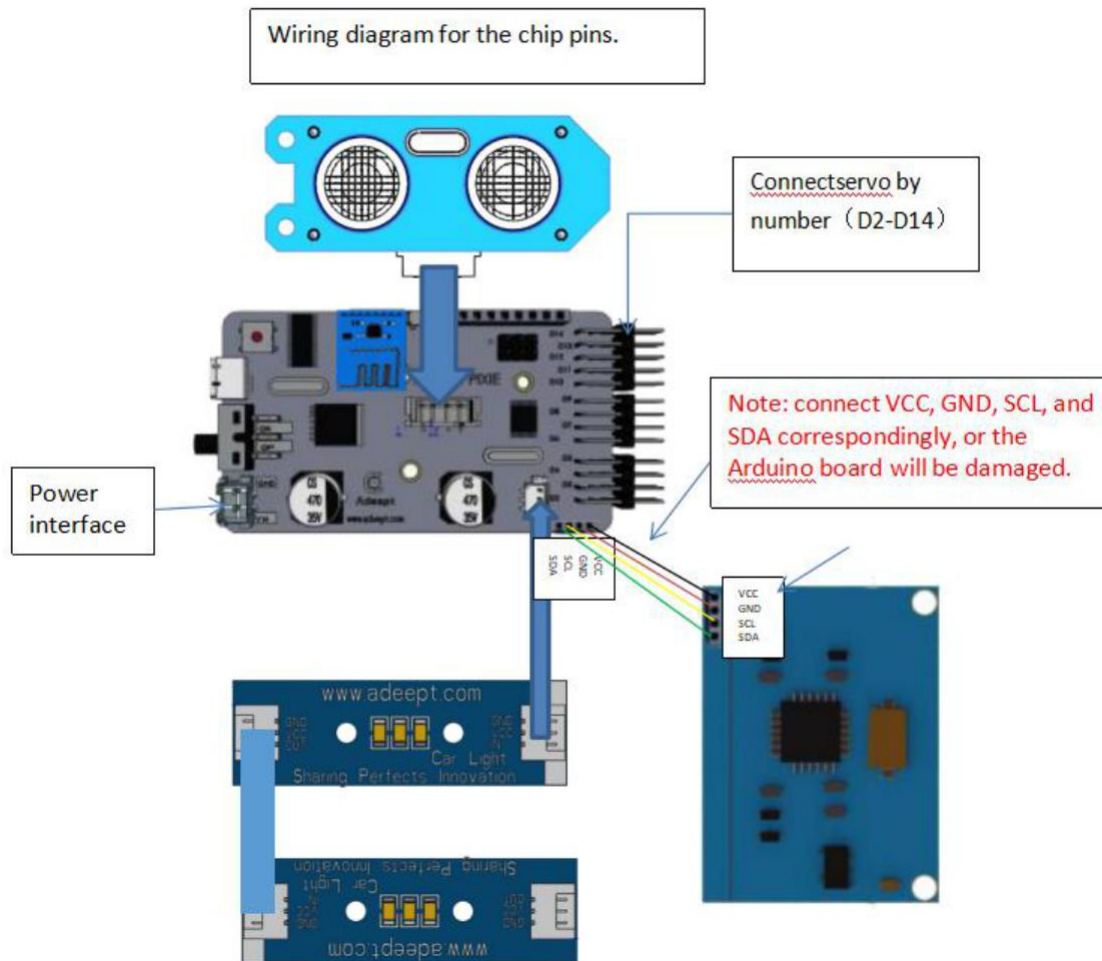
Note: Do not try to connect here, the actual connection interface will be described in detail below.

Effect diagram after assembling:



(15) Now, you can connect AdeptPixie and robot body:





(16) After completing the assembly, please follow the course below to further learn how to control the robot.

