

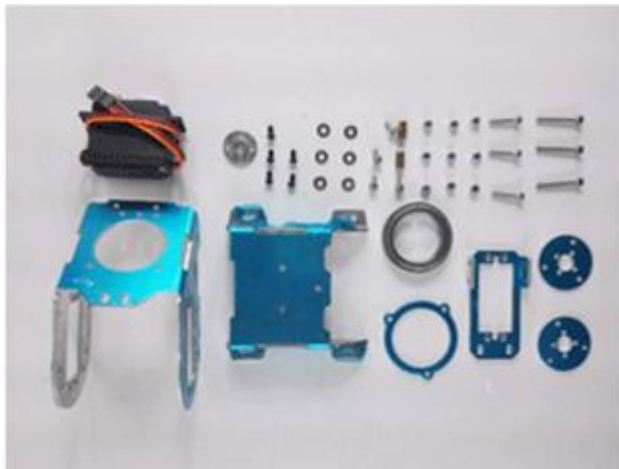
Installation Manual for 6DOF Small Robot Arm



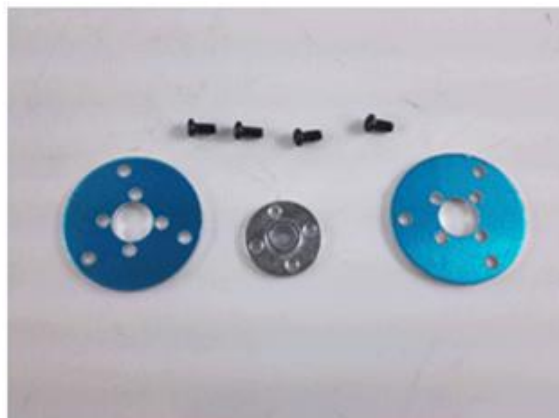
Firstly, pls remove the protective film. **And see whether the steering gear steering correct, it will be cue in the below manual. Importantly!**

1. Installation of the robot arm base.

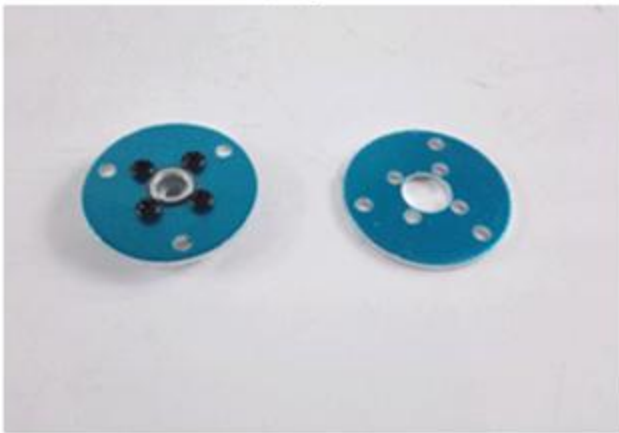
The materials:



Firstly, use the black screws to fixed the steering wheel horn of steering wheel



Finished.



Use the below big bearing and parts(25mm inner hexagon screws)



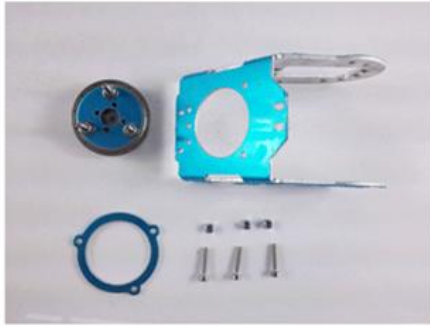
Put this circle piece which fixed with steering wheel horn into the bearing, Note, The steering gear has a toothed side facing outward.



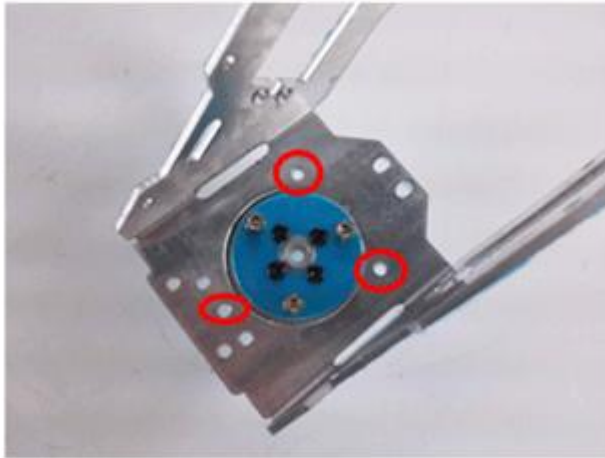
Pass through the screws, reverse the bearing. Place another circle piece on it and fixed it.



Use these parts



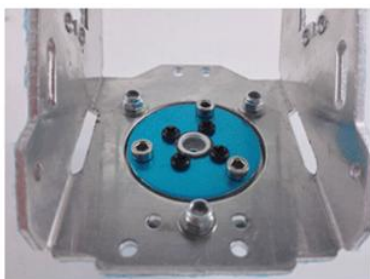
Make sure the hole position to fixed the circle piece of bearing,



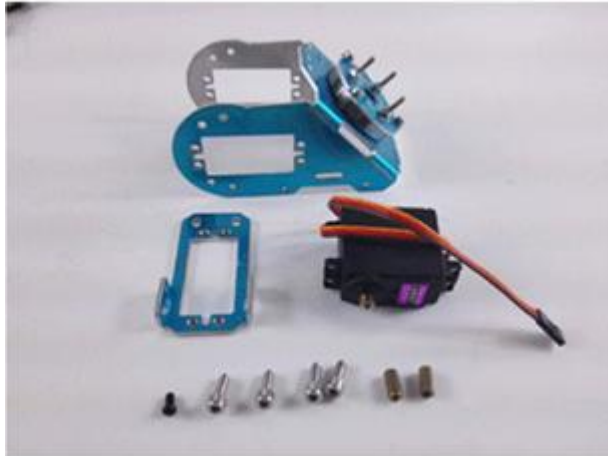
Use the above parts to fixed in this part.



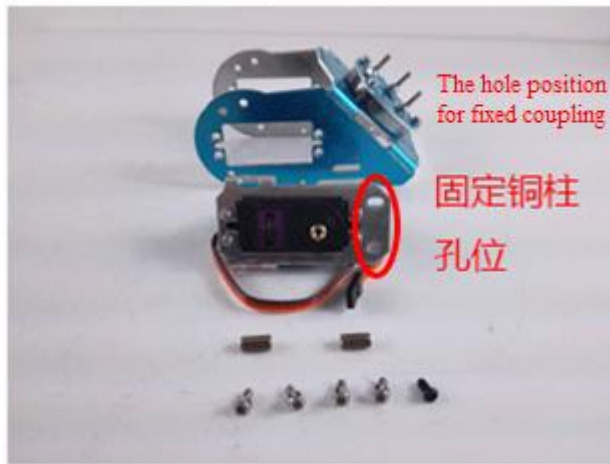
Note: when fixed, firstly fixed the screws and nuts and then tighten(Never use brute force)



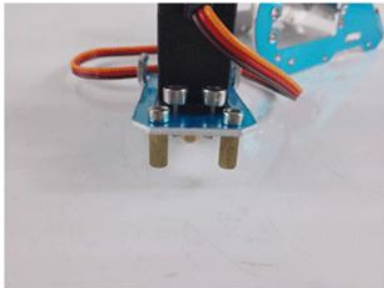
Install the steering gear for this base.



Use M4*10cm screws to fixed steering gear



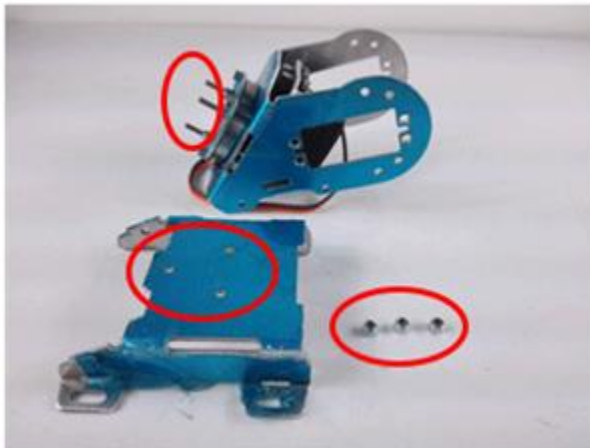
Use M3*6mm screws to fixed couplings,



Align coupling with hole, fixed it on the back, and then use the black screws to fixed the steering gear with steering gear horn.



Fixed the based in the chassis. Finised the base installation.



Pls remove the protective film when install.



2. Installation of the arm

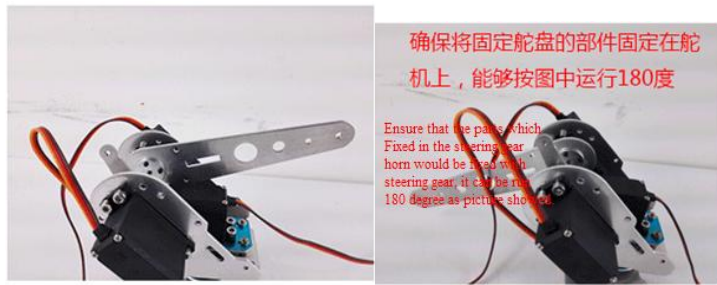
Materials:



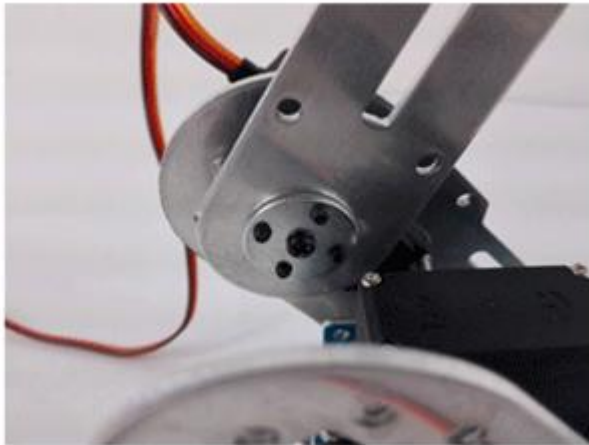
Fixed the steering gear horn first. And then fixed it in the steering gear.



Note: Adjust the running track of the steering gear when fixed this parts.



Lock it with black screws after adjusting, Must Adjust!



Use this part to fixed with steering gear horn.



Install it on the steering gear, Note: Adjust the running track of the steering gear.



Install it to fixed on the base.



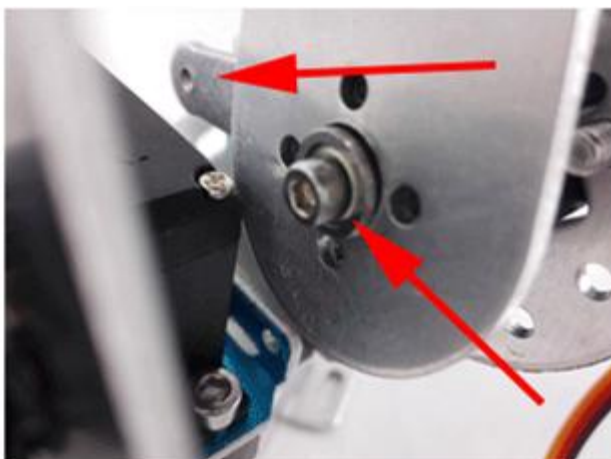
Get the another part with M3*12mm screws and bearing



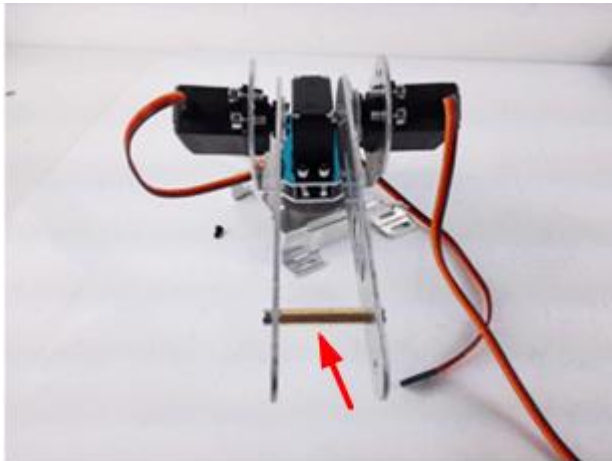
Pass trough the bearing with M3*12 screws.



Fixed it on the parts.



Lock 2 parts with coupling,



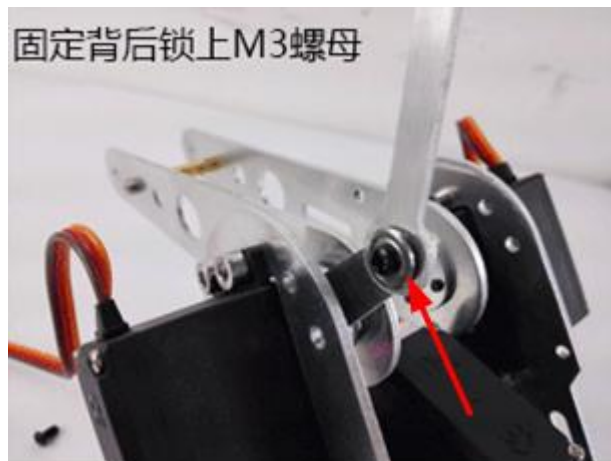
Adjust the running track of the steering gear.



Get these parts.(long black screws)



Fixed it with M3*16 screws and bearing, locked it with M3 nut.



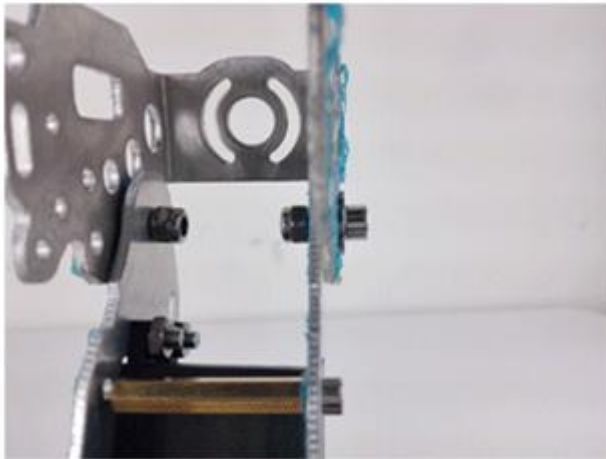
Install another bearing, use a gasket on the another side, and then lock with nut.



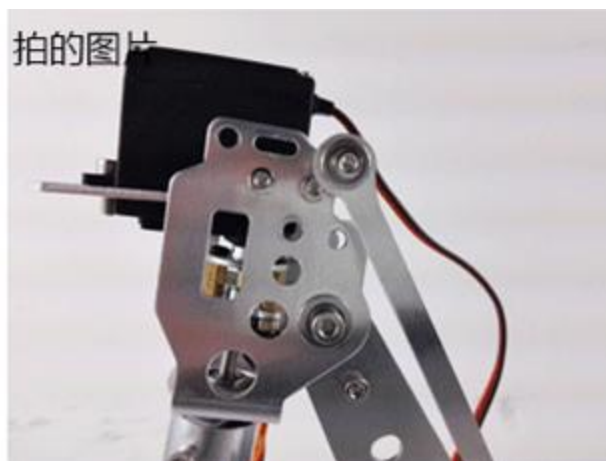
Get this part. Install the big bearing.



Use the M4*10 screws and nut to fixed this parts



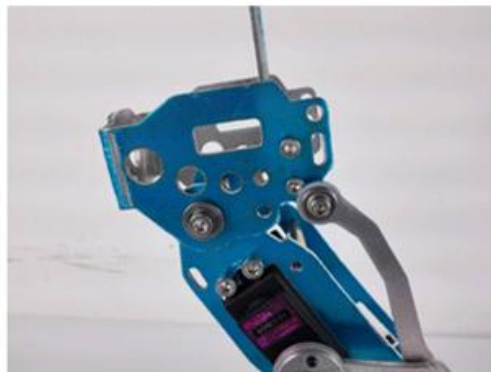
Fixed this part



Fixed with screws, lock it with M3 nut on the other side.



Fixed this part with M3 screws and nut,



Get these parts



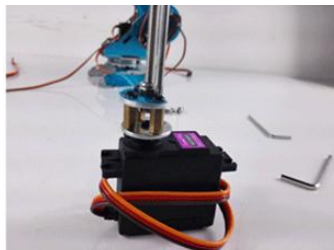
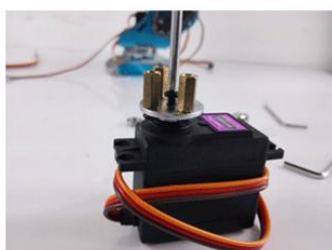
Fixed the coupling with black screws.



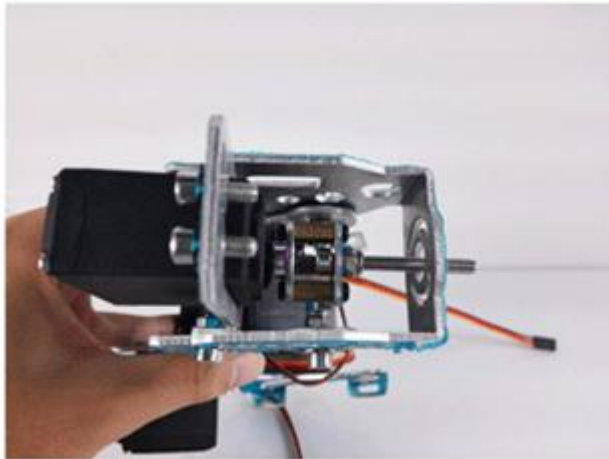
Pass through the half circle piece with long screw. And use fastening nut to fixed it.



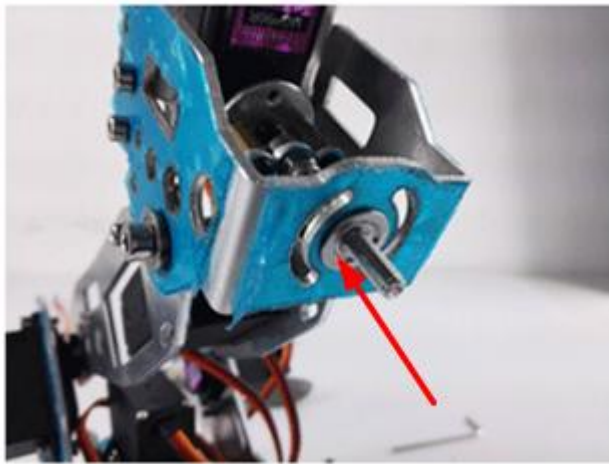
Use the black screws to fixed the steering gear with half circle part.



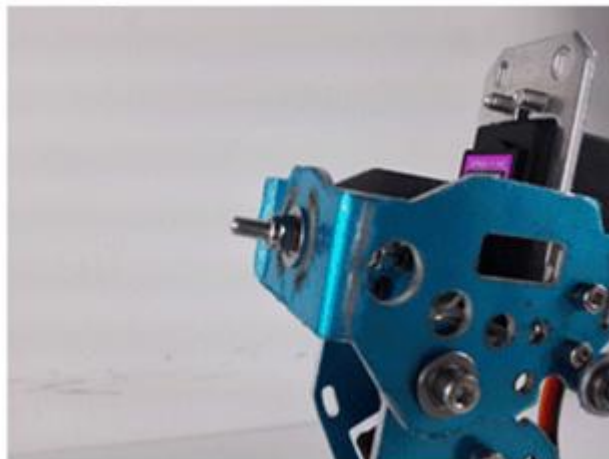
And fixed it on that part



Fixed the M4 screw, and install the bearing.



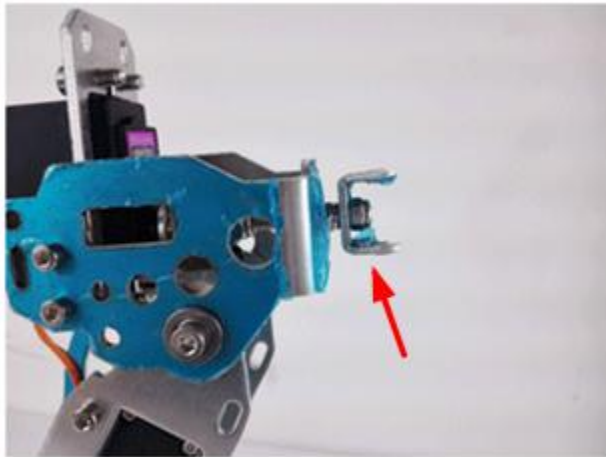
Lock with nut,



Get these parts,



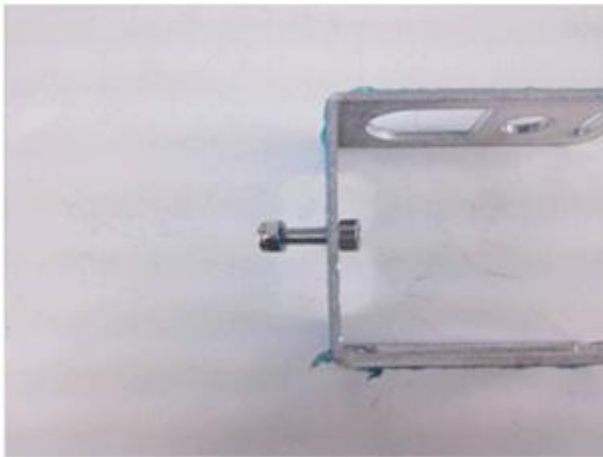
Fixed one part with M4 screws, get the round tube to align the hole, and fixed it with M4 screws.



Get these parts



Fixed it with M4*16 screws and nut



Fixed one U shade part. Lock it with nut, and connect to the round tube, lock with M4 screws.



Fixed the steering gear



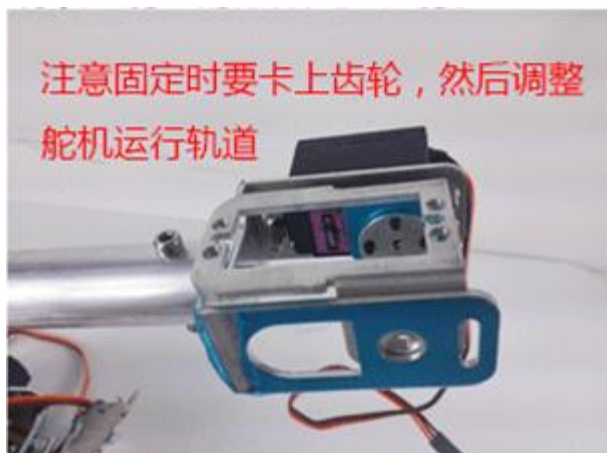
Install the steering gear horn



Fixed with black screws, Note: The steering gear has a toothed side facing outward.



Fixed it on this part



注意固定时要卡上齿轮，然后调整
舵机运行轨道

Install the small steering gear. Material:



Fixed it with small M2 screw and nut



Use black screw to fixed coupling



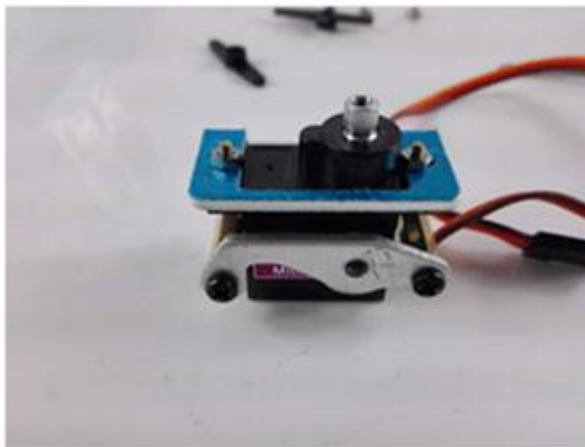
Get the black part and screw from the accessories pack.



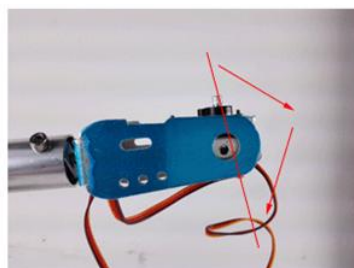
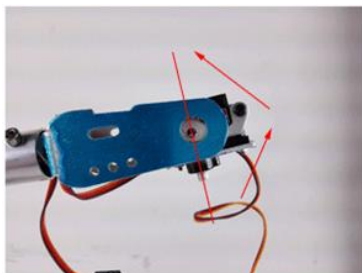
Lock it.



Fix the part with black screws



Note the running track of the steering gear



Use M4*6 screw to fix the final bearing. Note, don't fix too tighten.



Finished!!

