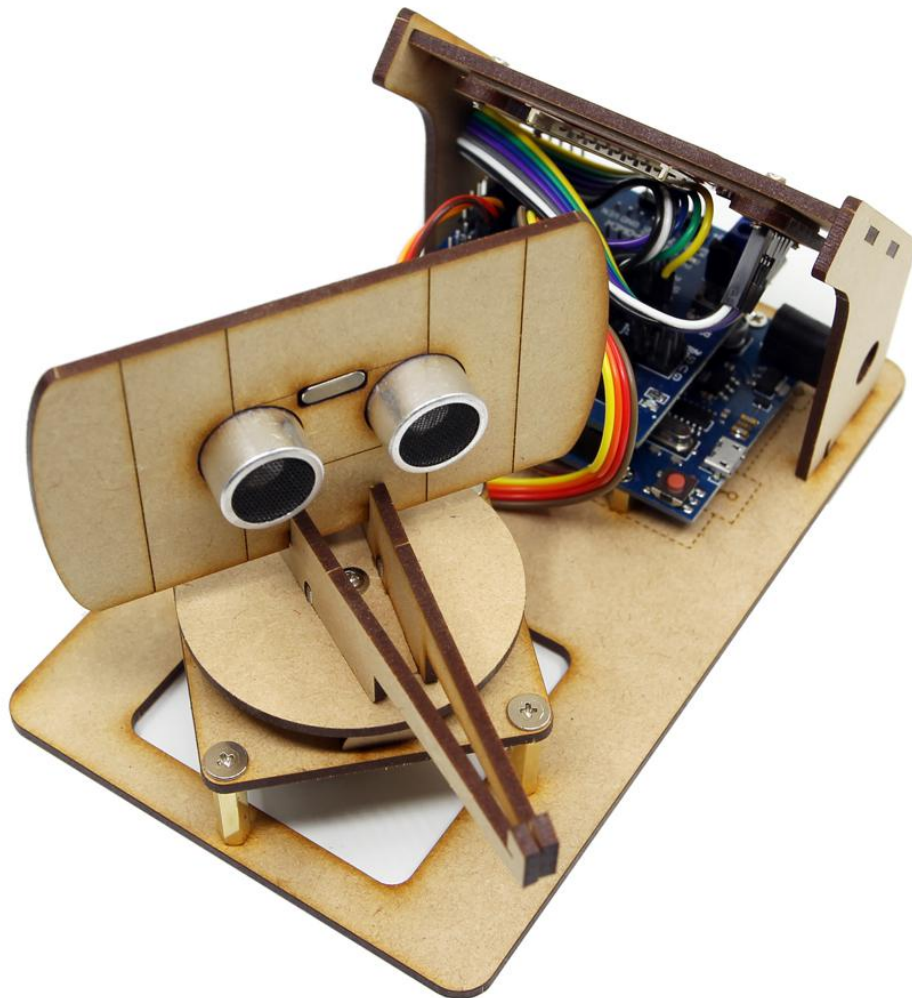


Mini Radar Ultrasonic Radar

Installation and debugging instructions



1. Installation

螺丝清单 List

Fixing of movable joint/frame/copper column/base

活动关节/机架/
铜柱/底座的固定
S023005



X 16



Fix Arduino board
固定Arduino主板
S063004



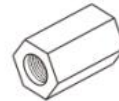
X 4



Fix Arduino board couplings
Arduino主板铜柱
T3006



X 4



Base couplings
底座铜柱
T3018



X 4



Screen/servos fixing screws
屏幕/舵机固定螺丝
S042308



X 6



Servo main Axle fixing screws
舵机主轴固定螺丝
S042005

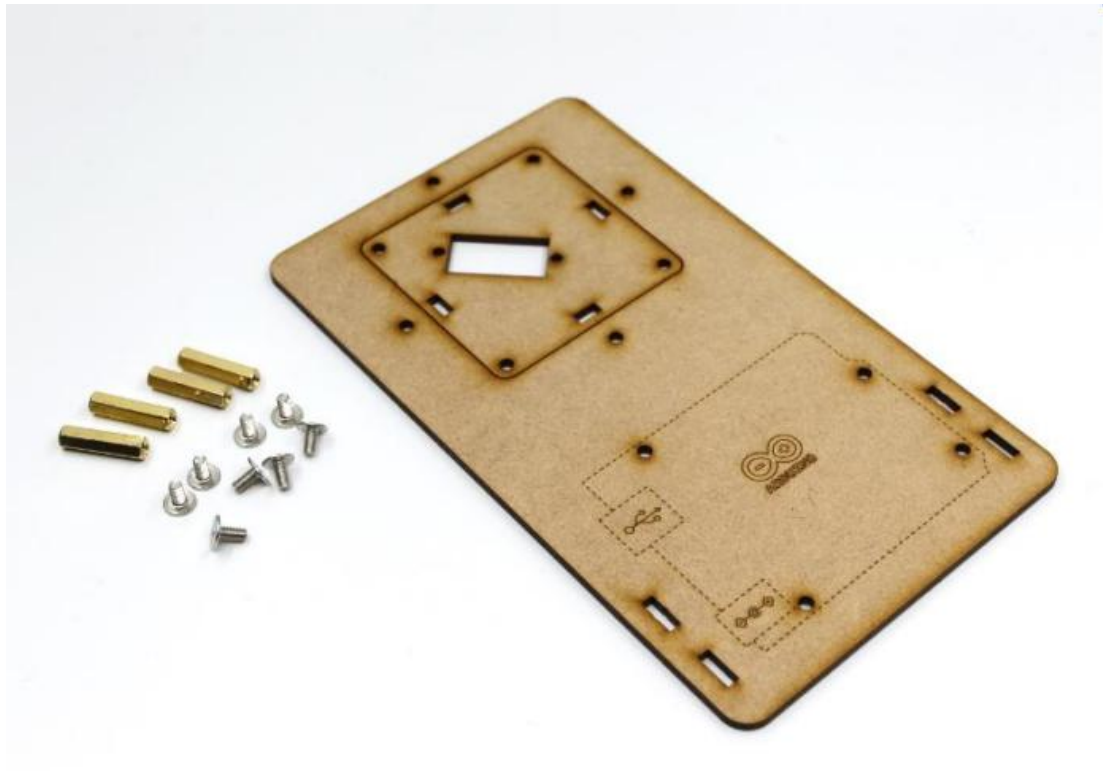


X 1

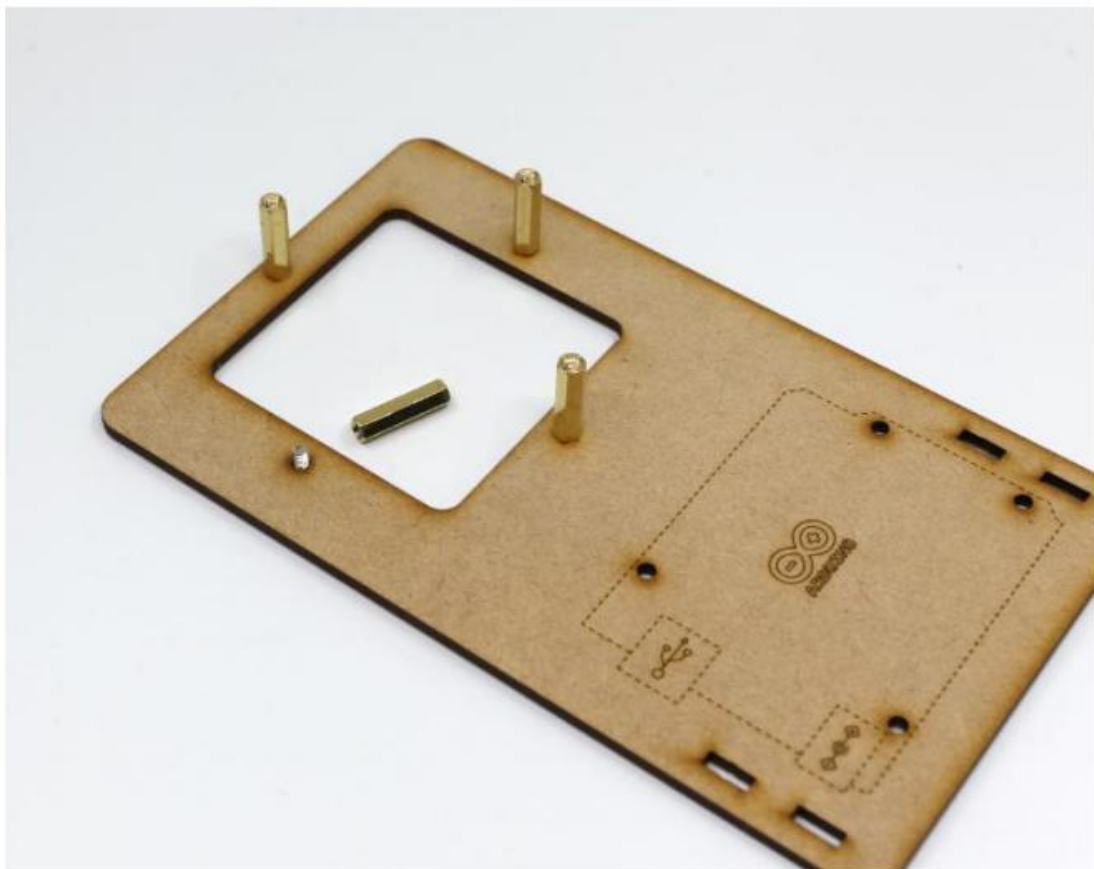


There are many types of screws in the accessory bag, please make sure to distinguish clearly before starting construction.

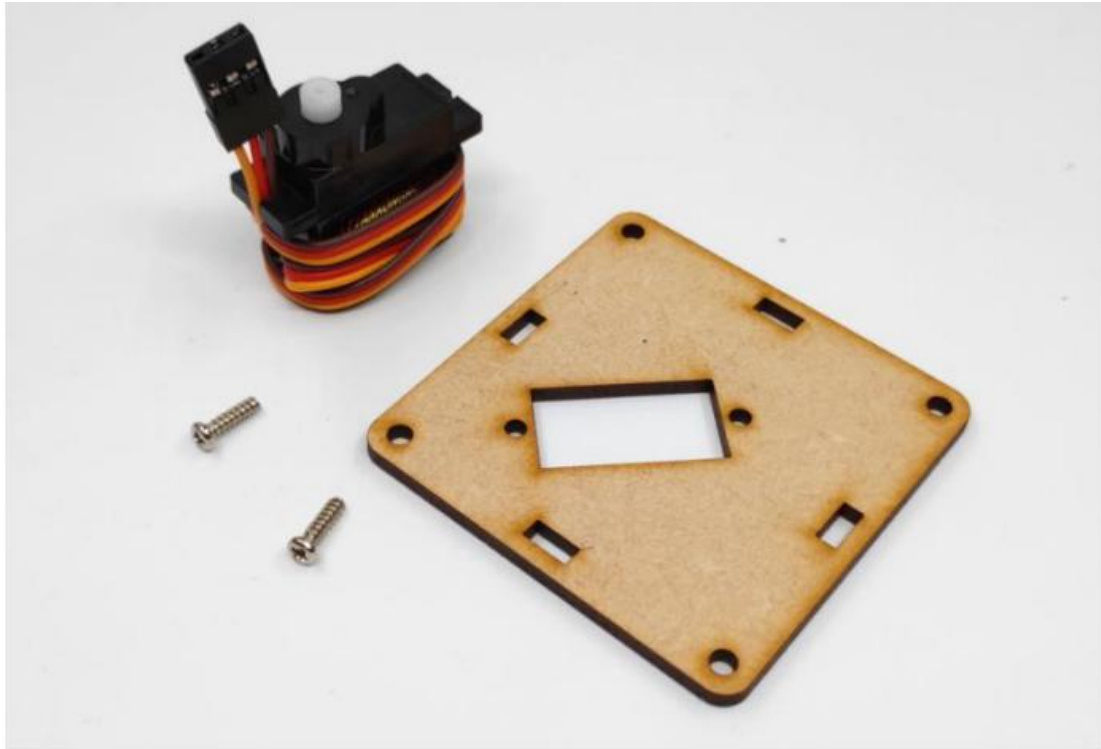
There are several kinds of screws that are very similar, do not mix them.



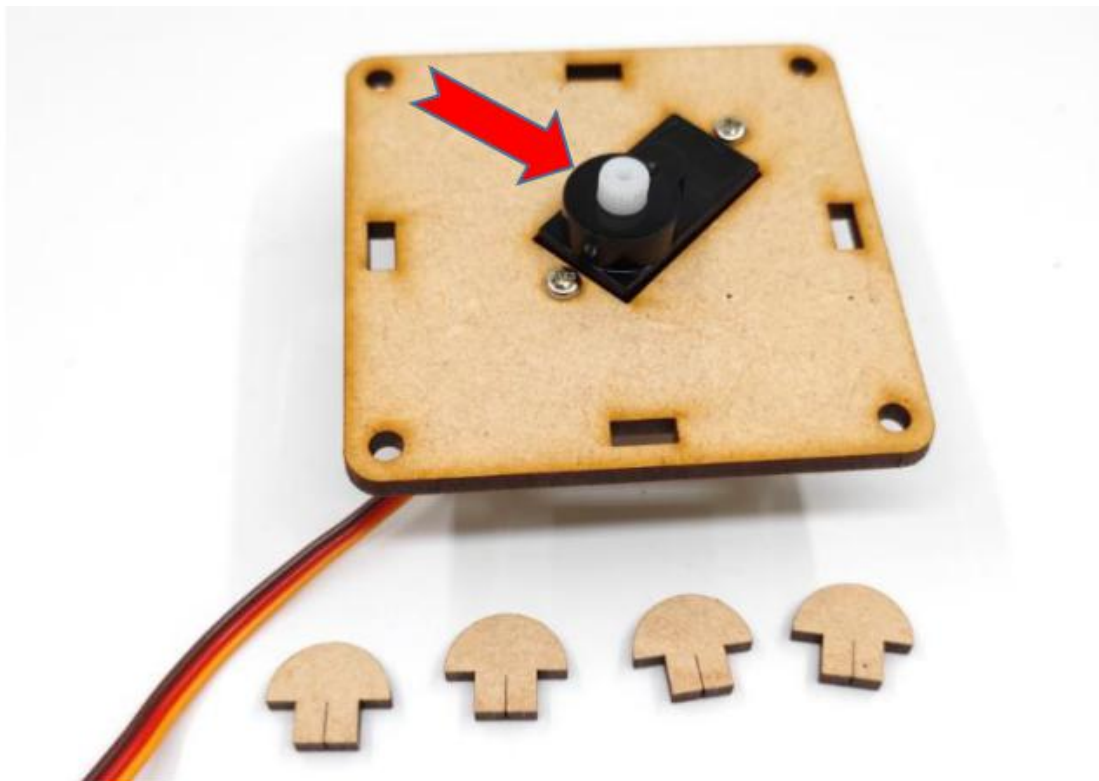
Just follow the reference picture and pay attention to the text prompt.



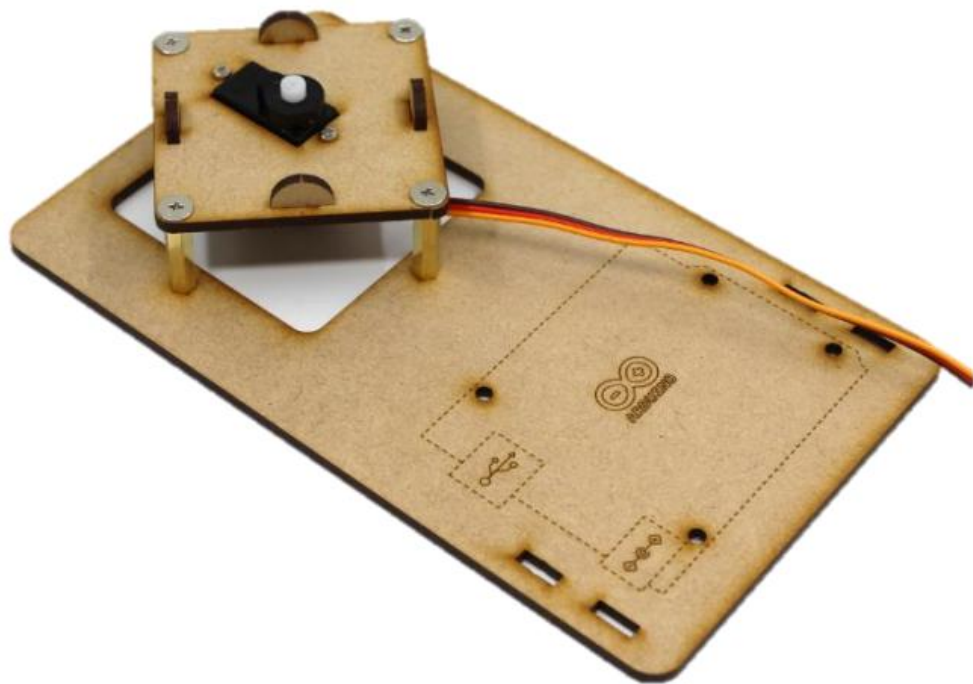
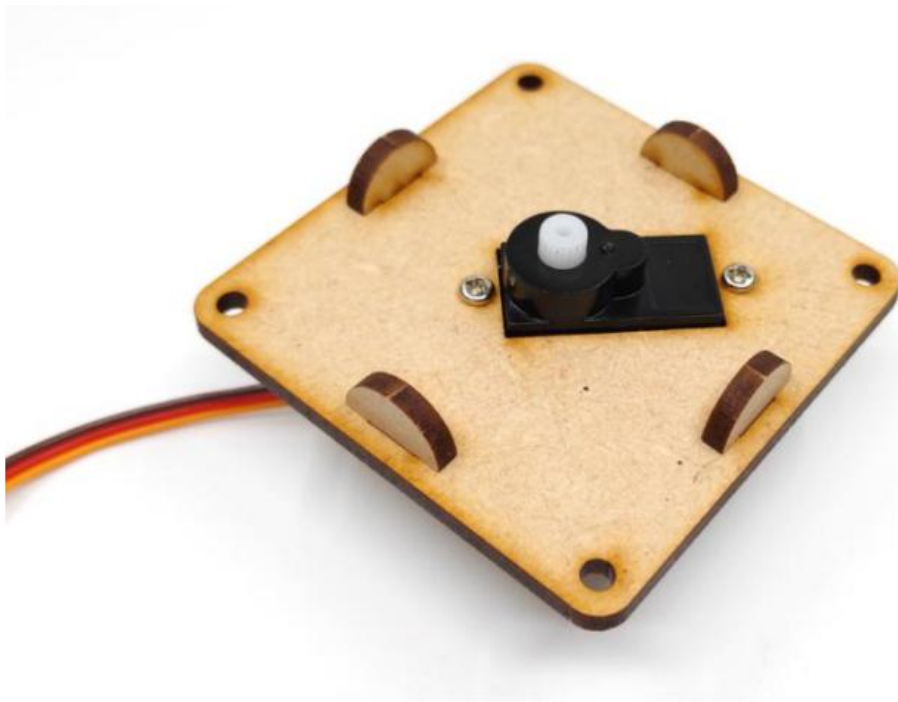
Fix the copper pillar from the bottom with screws

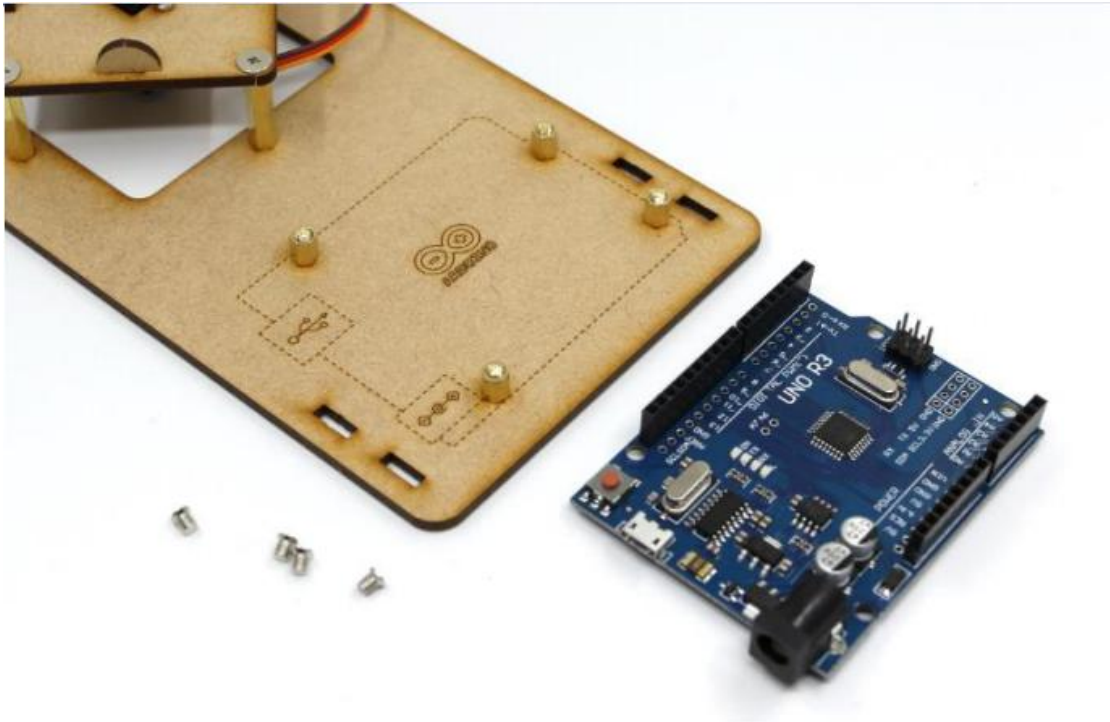


The screws to fix the servo are small cap screws.

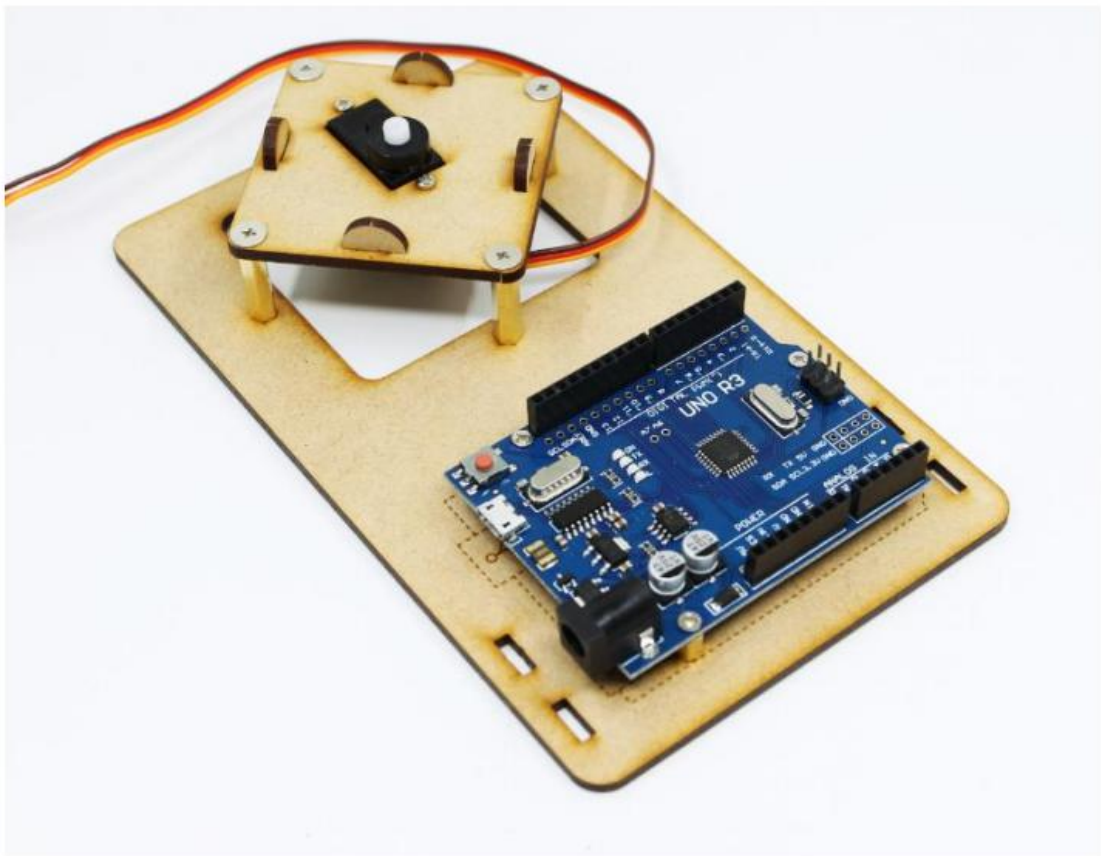


Note: The steering gear is facing, the main shaft is in the center of the base.

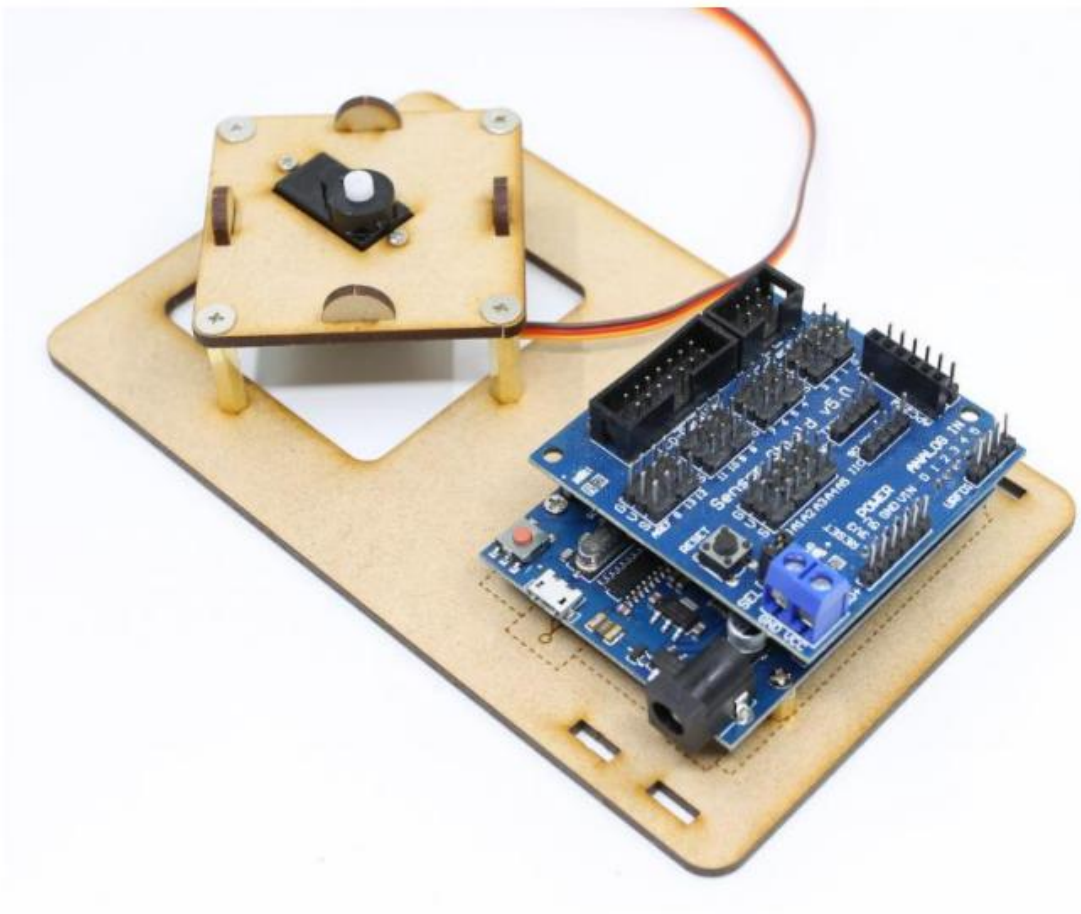
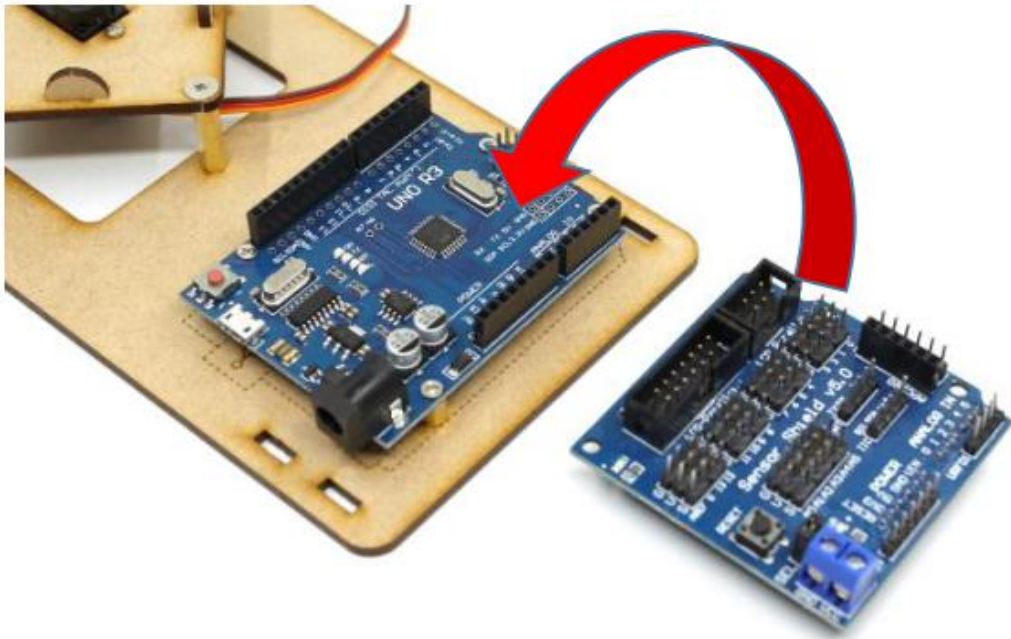




A short copper post for fixing the motherboard



Install Arduino UNO

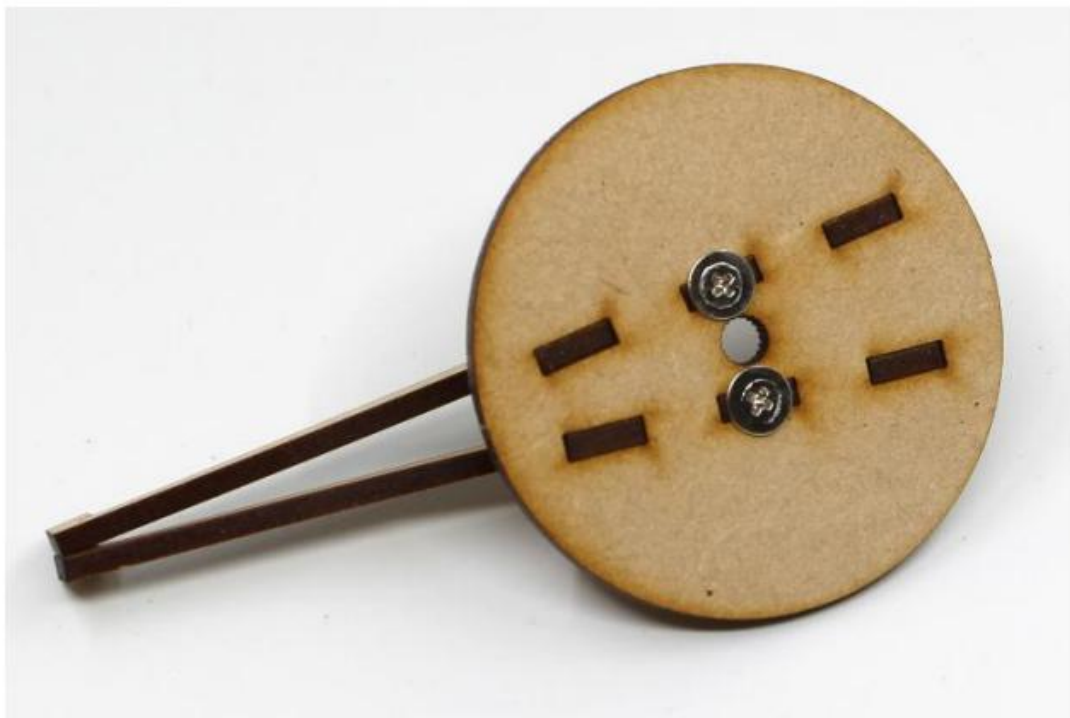
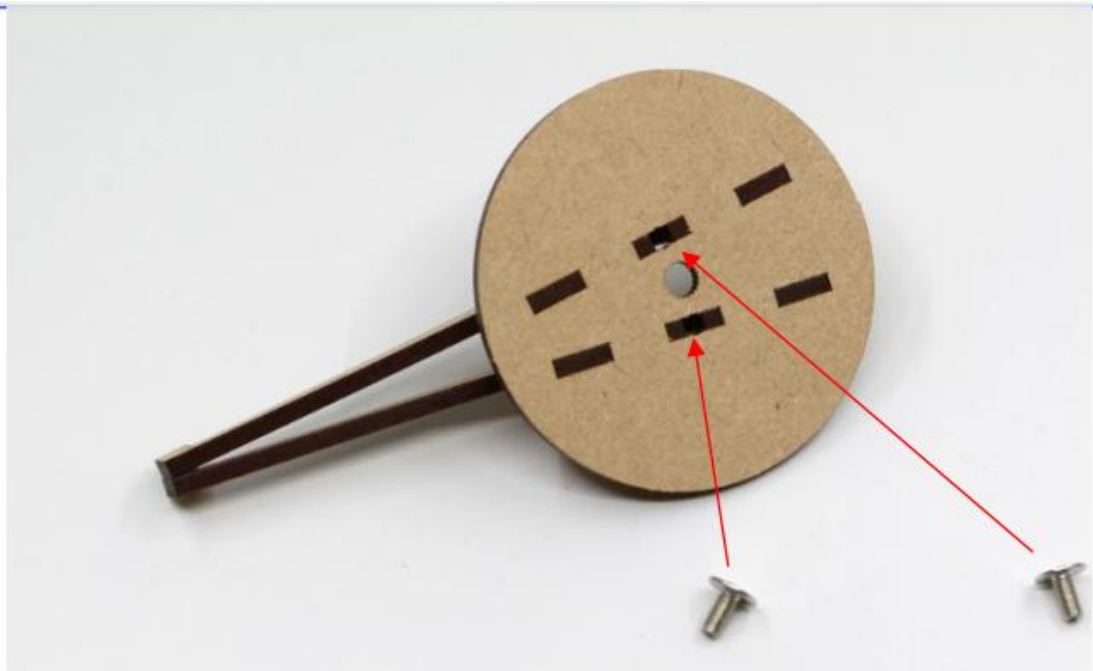


The base part is complete

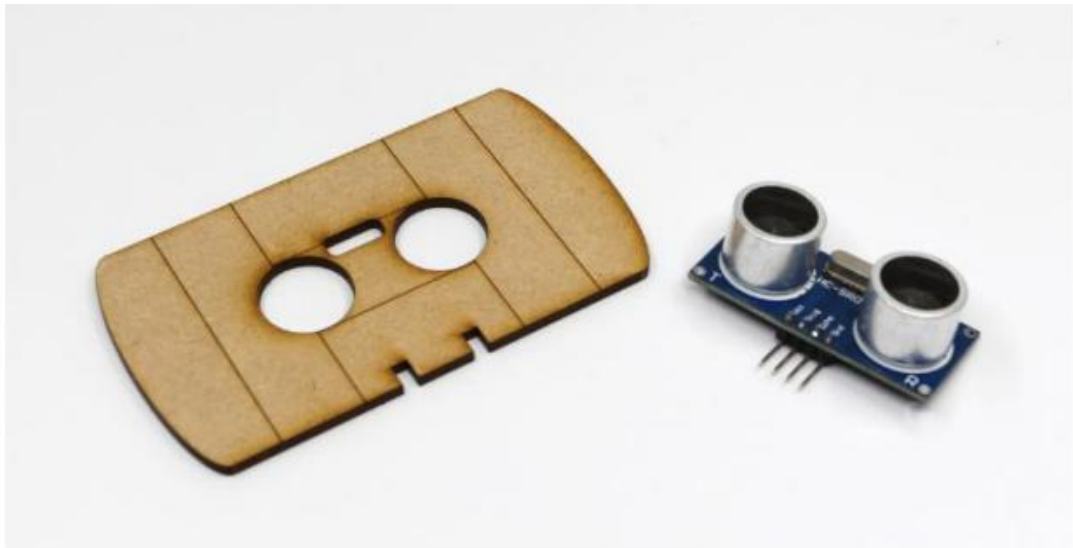


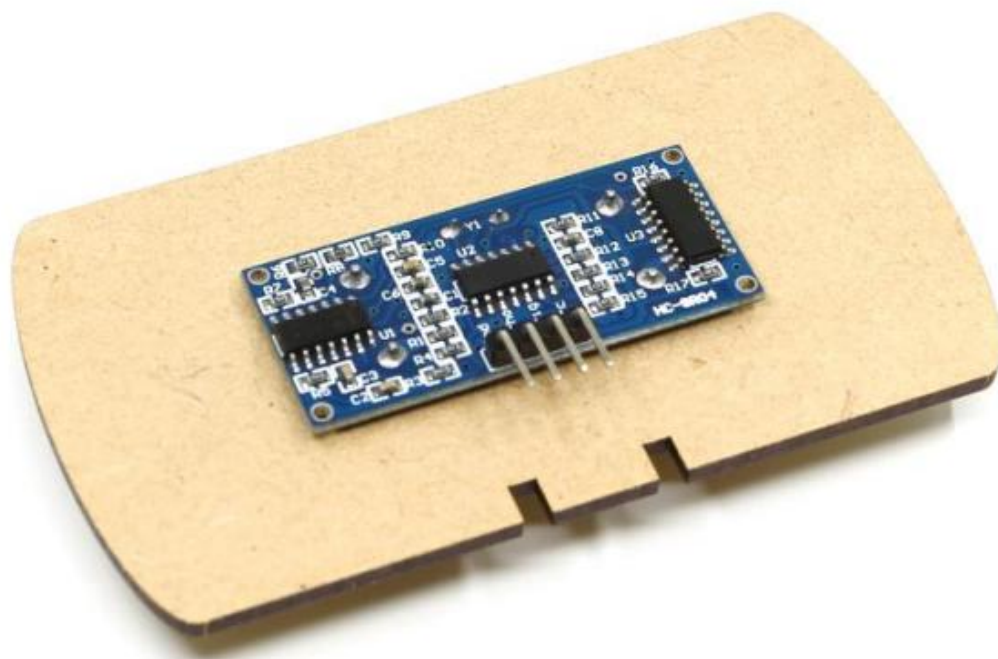
Assemble the radar part

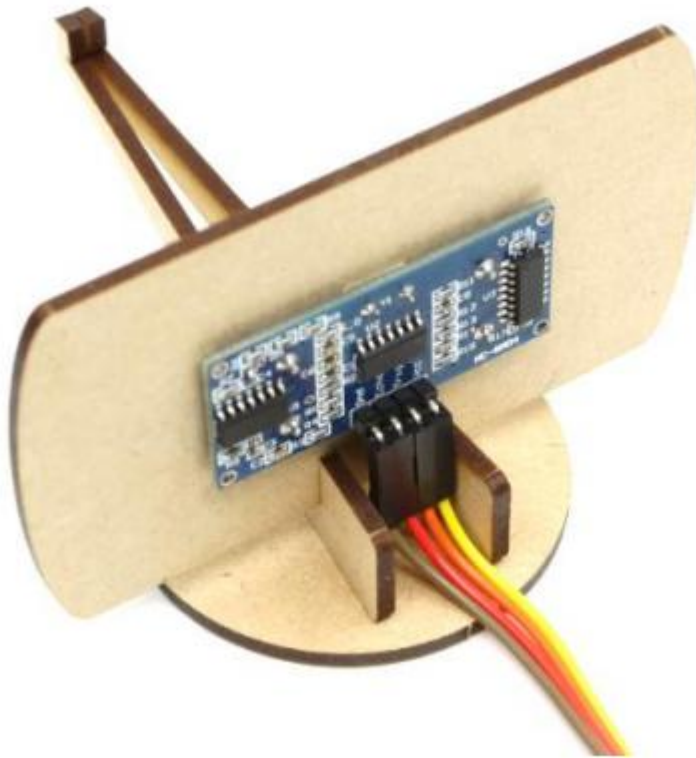




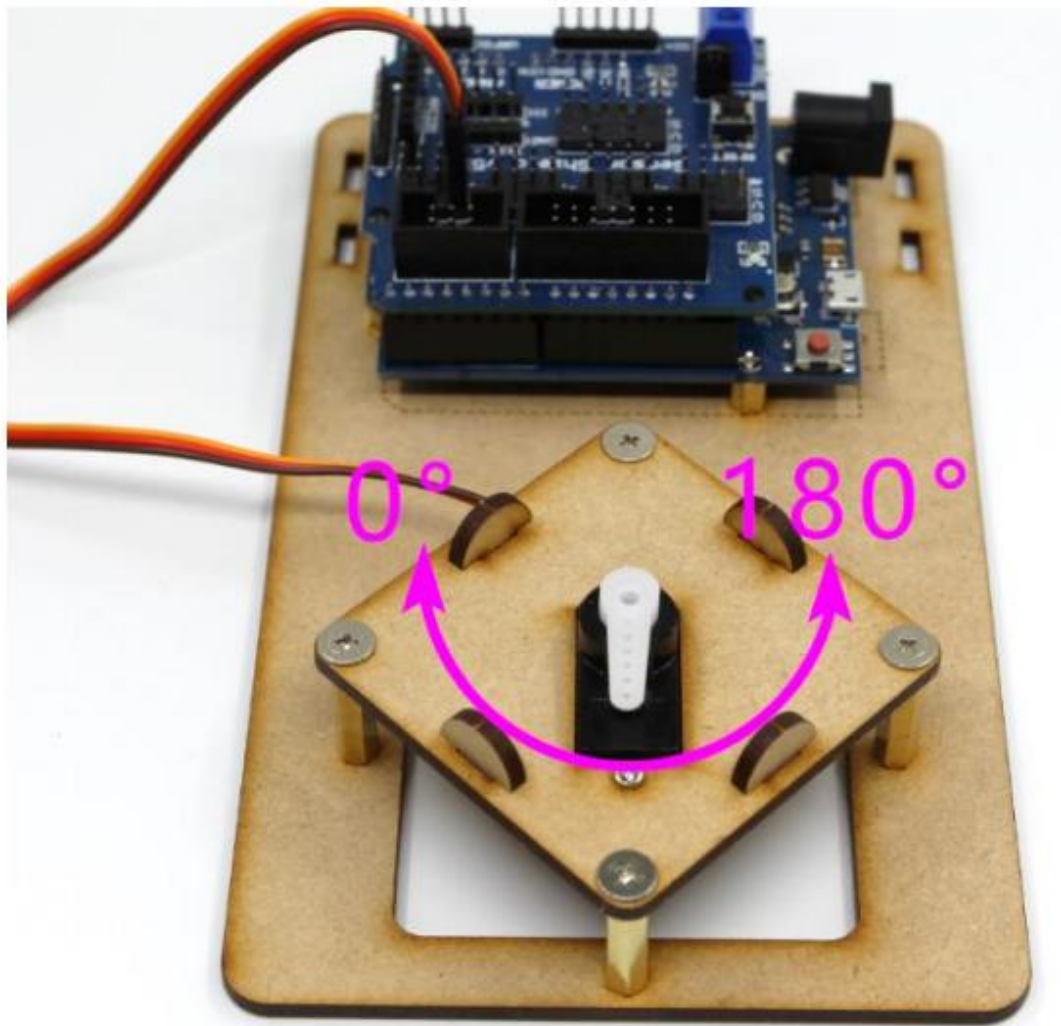
Don't over tighten the screws



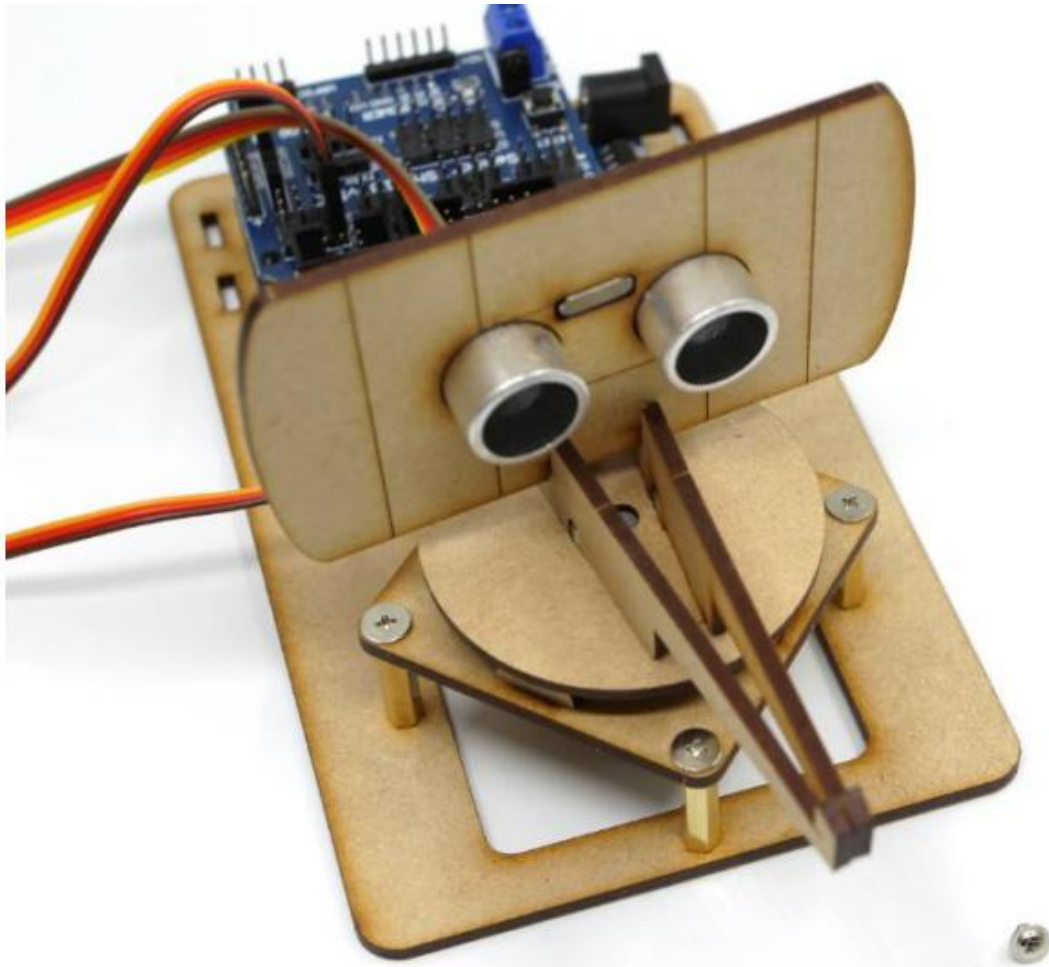




At this time, the Dupont line module can be terminated first



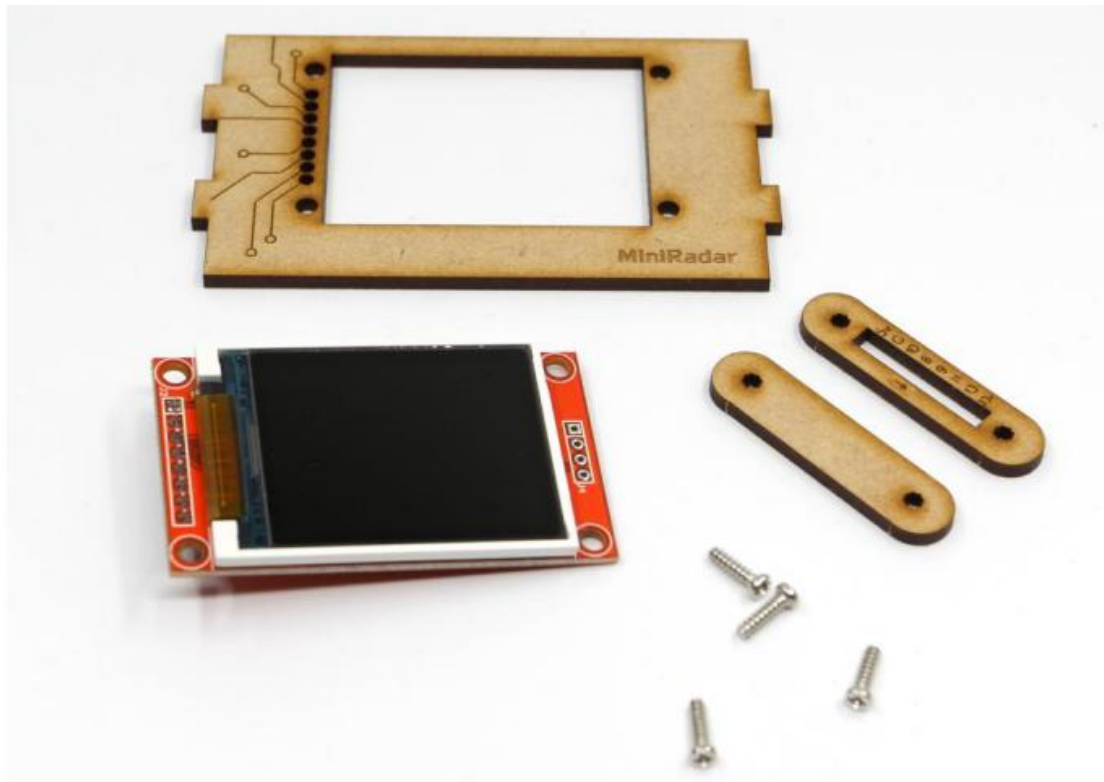
First determine the range of motion of the steering gear, set the main shaft of the steering gear at 90 degrees, and install the radar



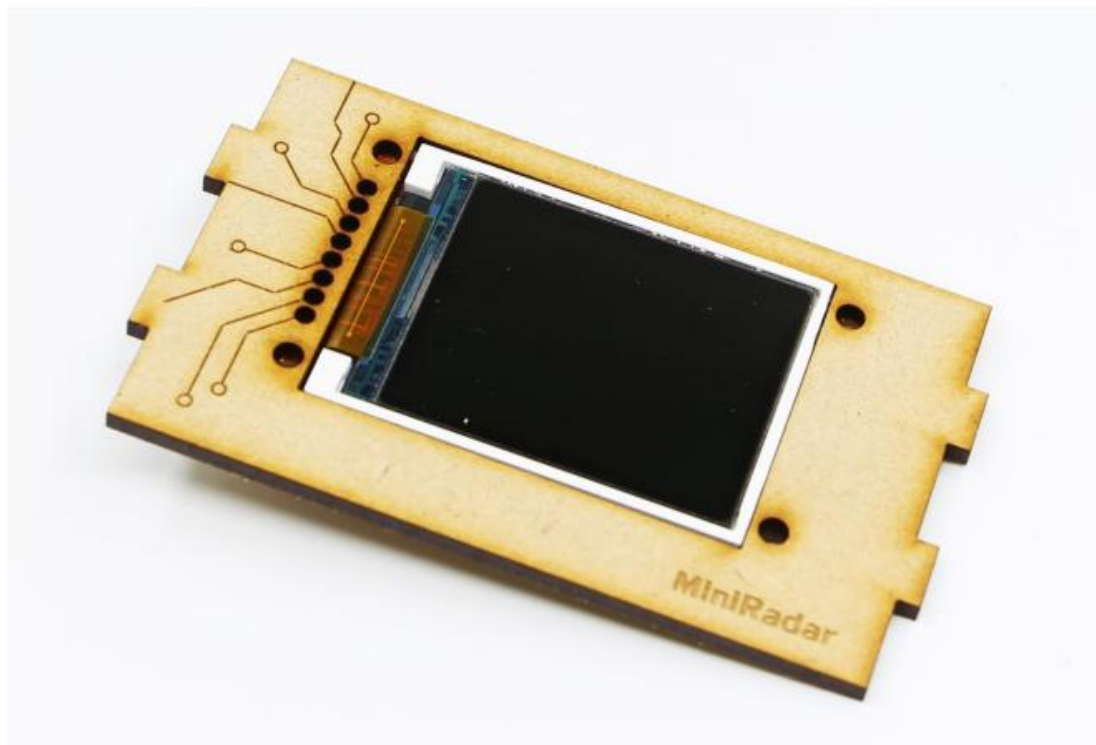
When installing the radar, please hold the steering gear and press it to avoid damage to the parts.

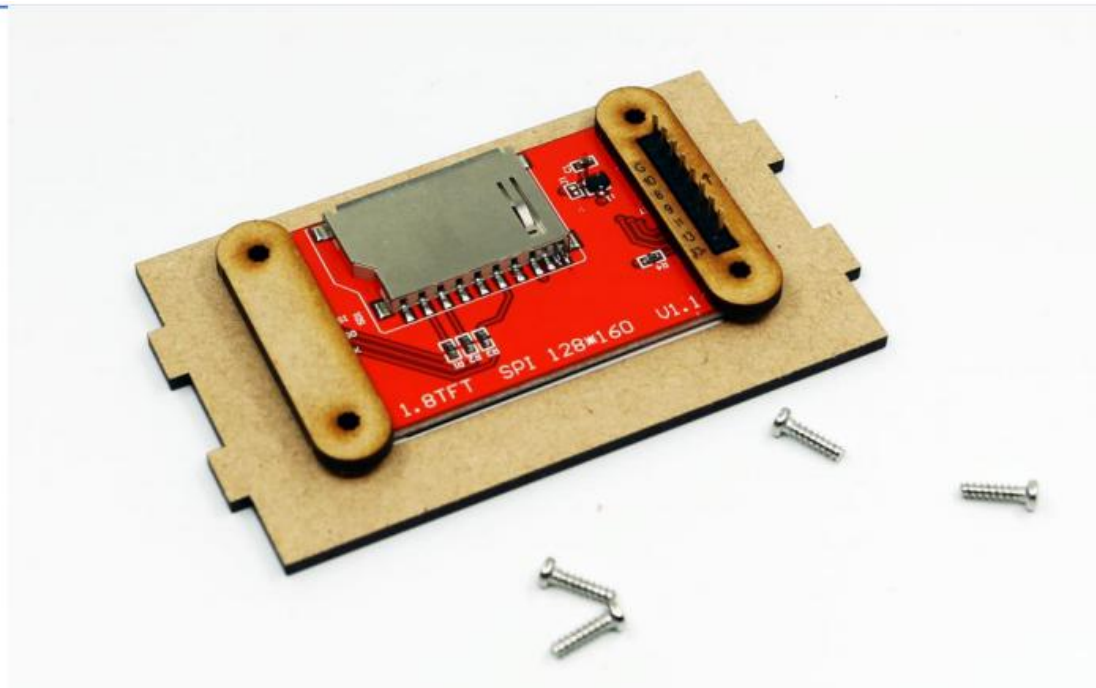


Use cap screws to lock the main shaft of the servo.

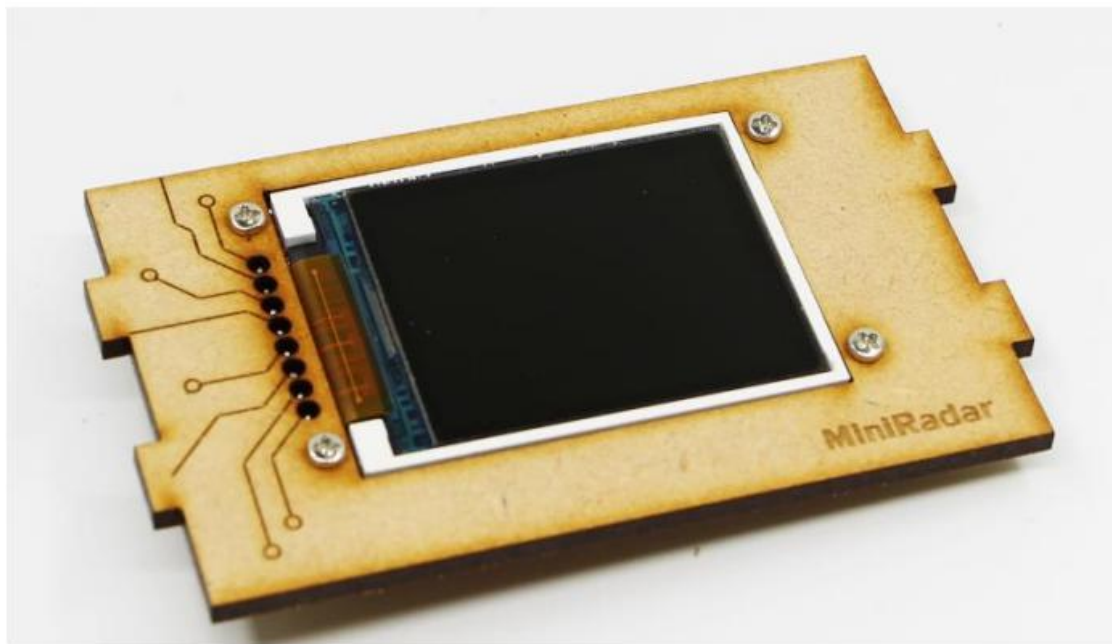


Display stand



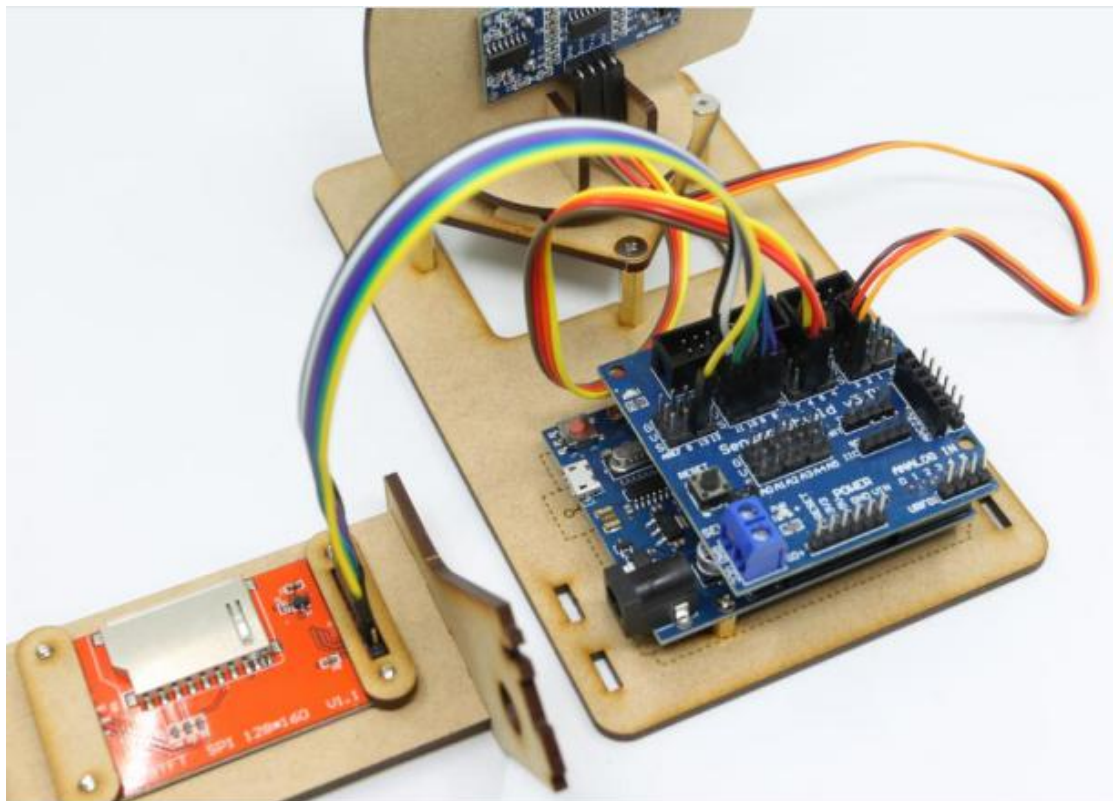
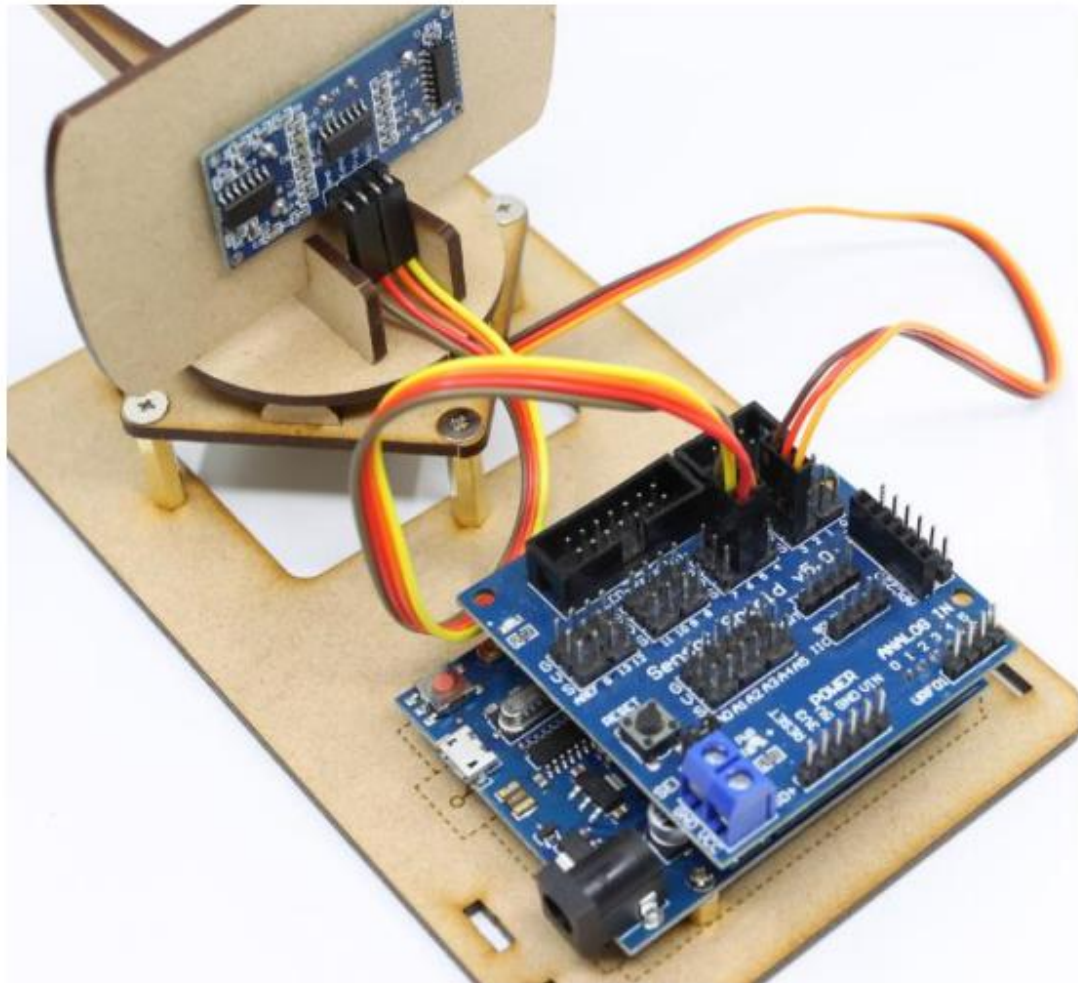


There is a wiring sequence on the spacer on the side of the pin, pay attention to the arrow pointing upwards. In principle, the first pin is not wired

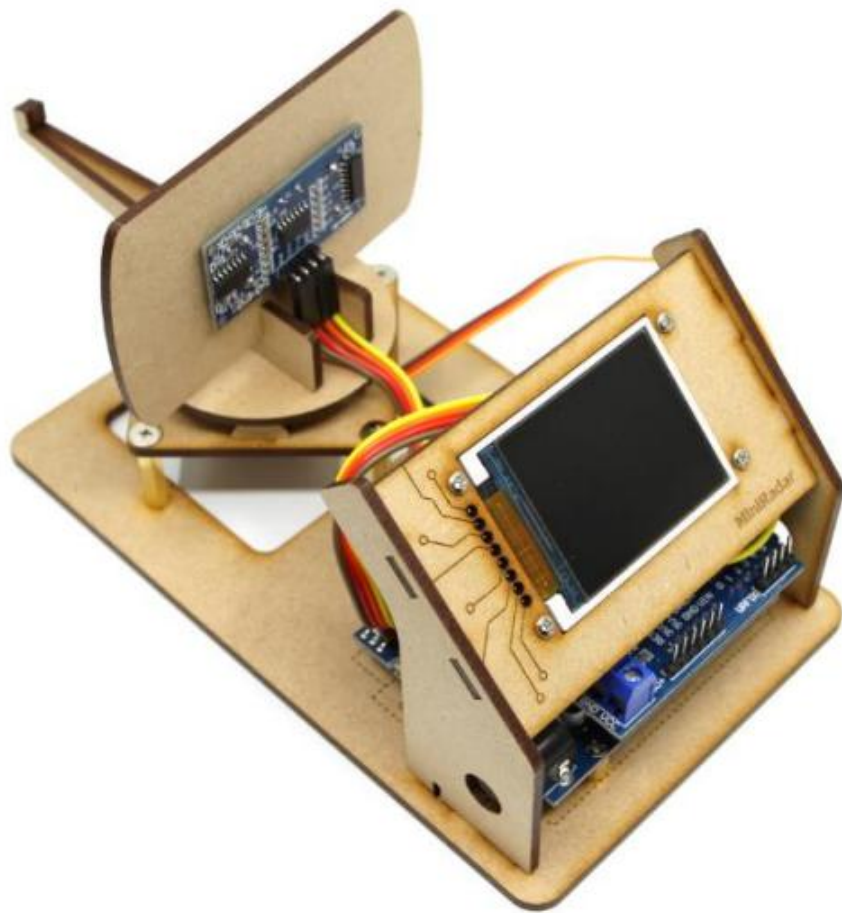


Use screws to lock from the front, do not over tighten



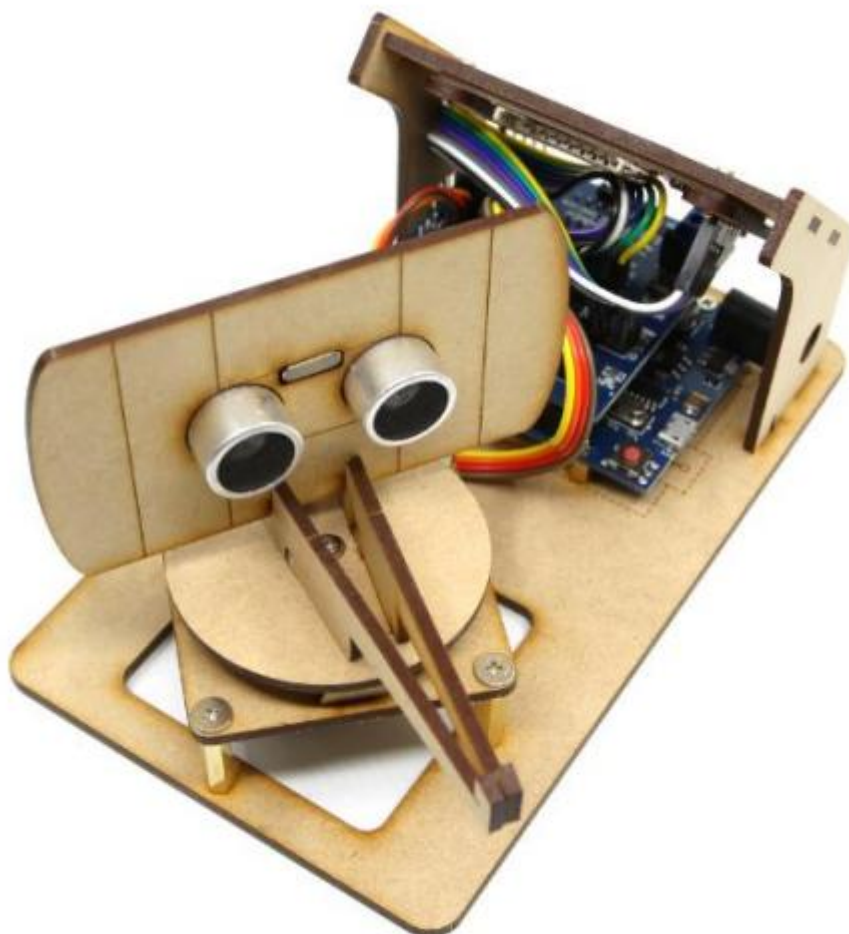


After the wiring test program, the screen bracket is assembled (for detailed wiring operation, please refer to the following instructions)





Fix the 2 screws under the screen bracket



Finished