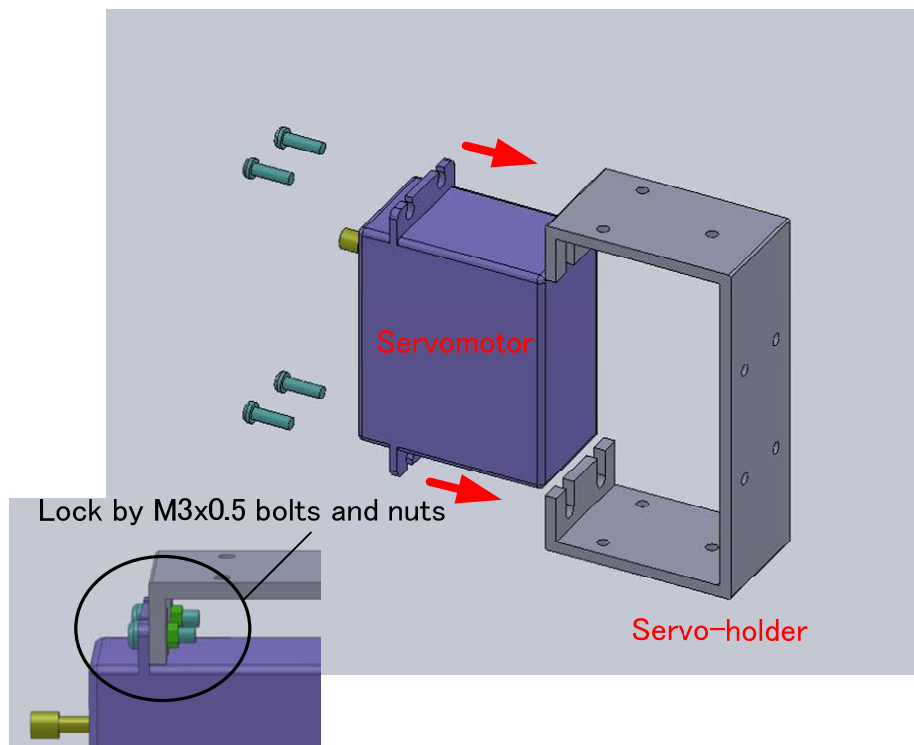


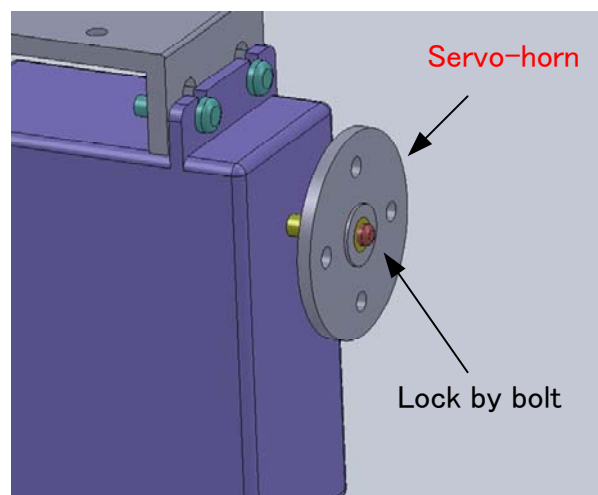
## How to build the Aqua robot

The Aqua robot has many parts for build Aqua robot. The fin's mechanisms have V ring in order to protect the electronic device in the robot from water. Please, build with carefully and put silicon glue on mesh area before lock each part by bolt and nut. We have to prepare mechanisms and servomotor for installation before installs their part with the body part.

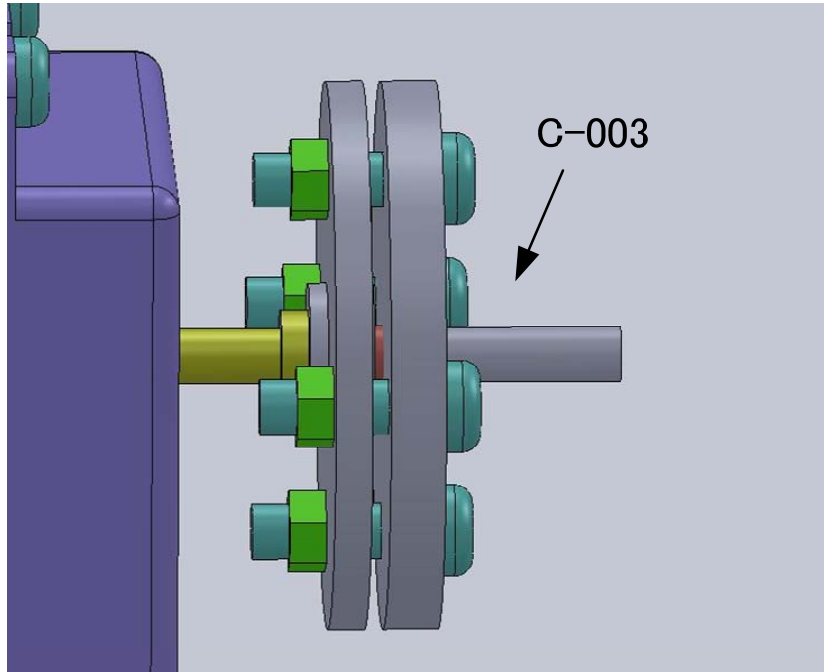
1. Prepare servomotors by. Servomotor slide to mesh with Servo-holder then is locked by bolts and nuts (M3x0.5).



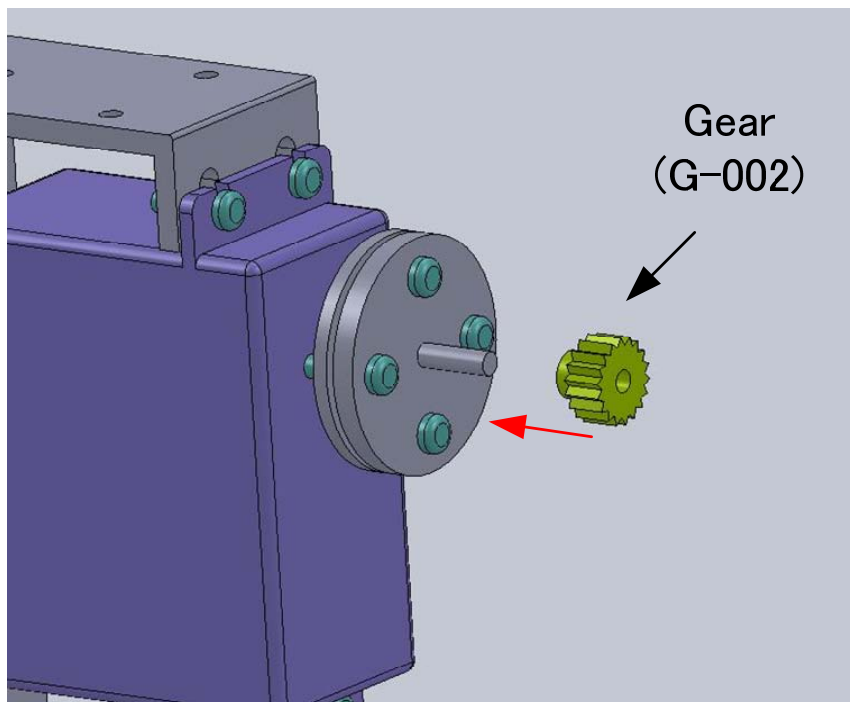
2. Fix servo-horn with servomotor then lock by bolt



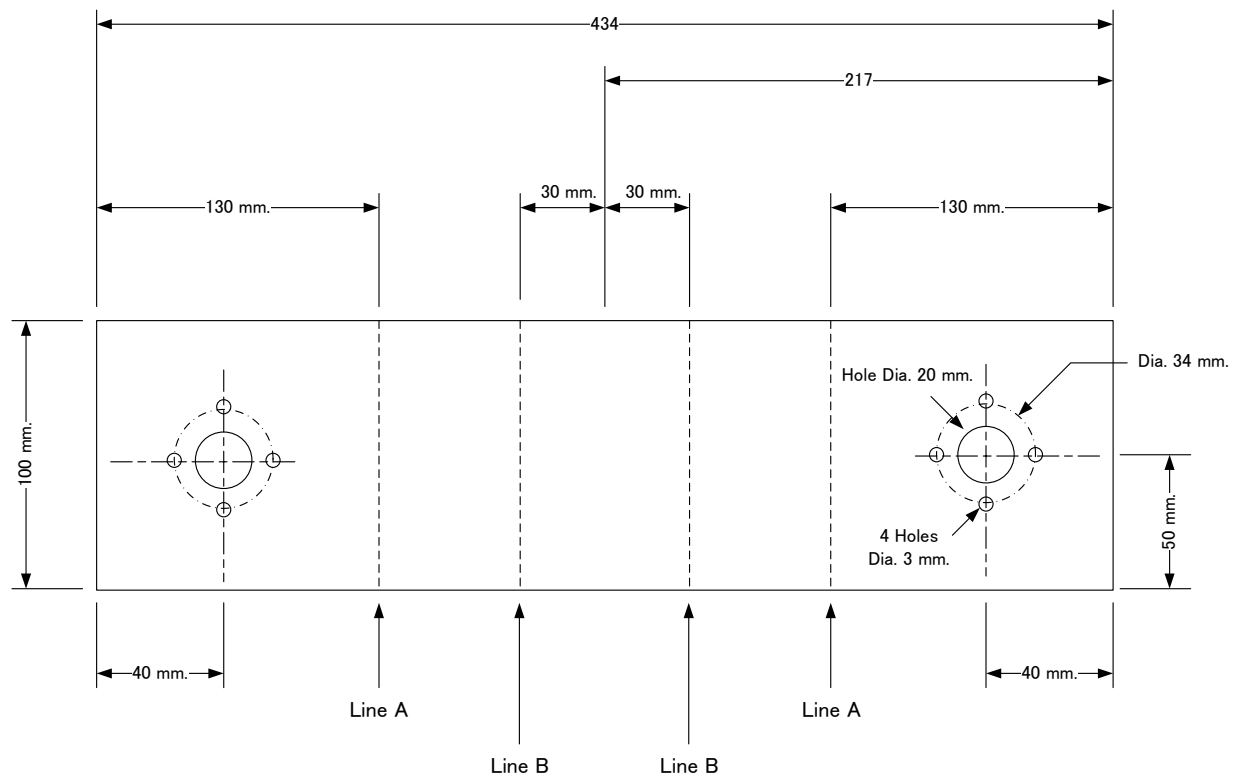
3. Fix Male-coupling 3mm by M3x0.5. (C-003) with servo-horn (In some model of servo-horn, servo-horn look like a disc, is not have 4-holes. Please, drill servo-horn for fix with Male-coupling)



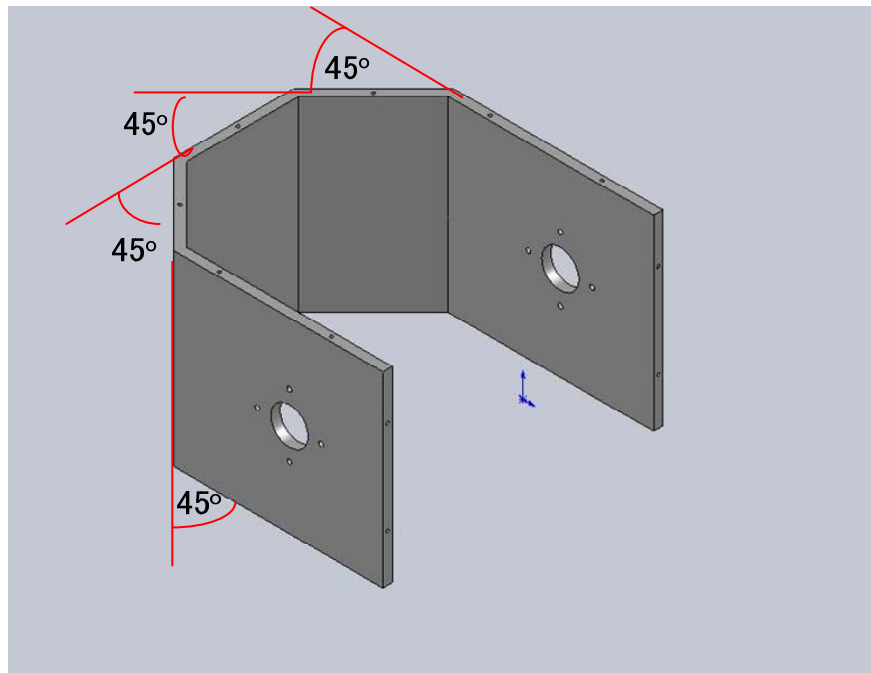
4. Install Gear (G-002) on the point of coupling



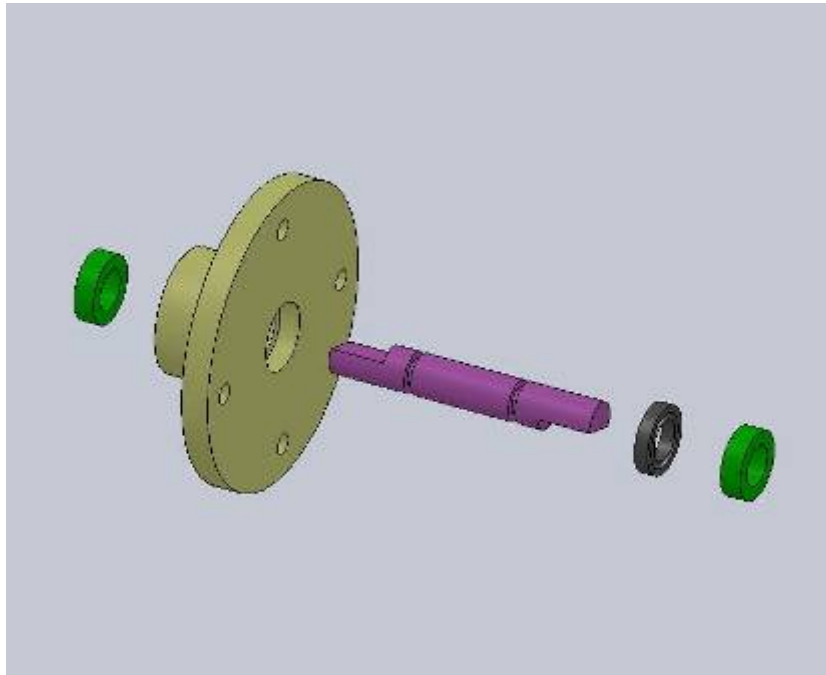
5. After we completed to compound servomotor with other parts, Cut and drill plastic following this dimension



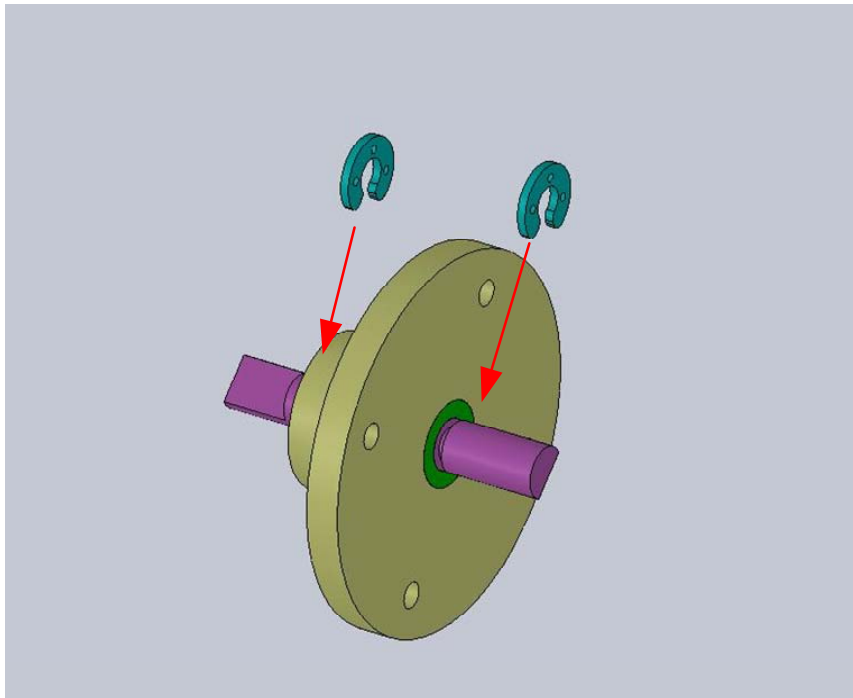
6. Next, bend line A and B to 45 degrees. We will have a body part (B-001).



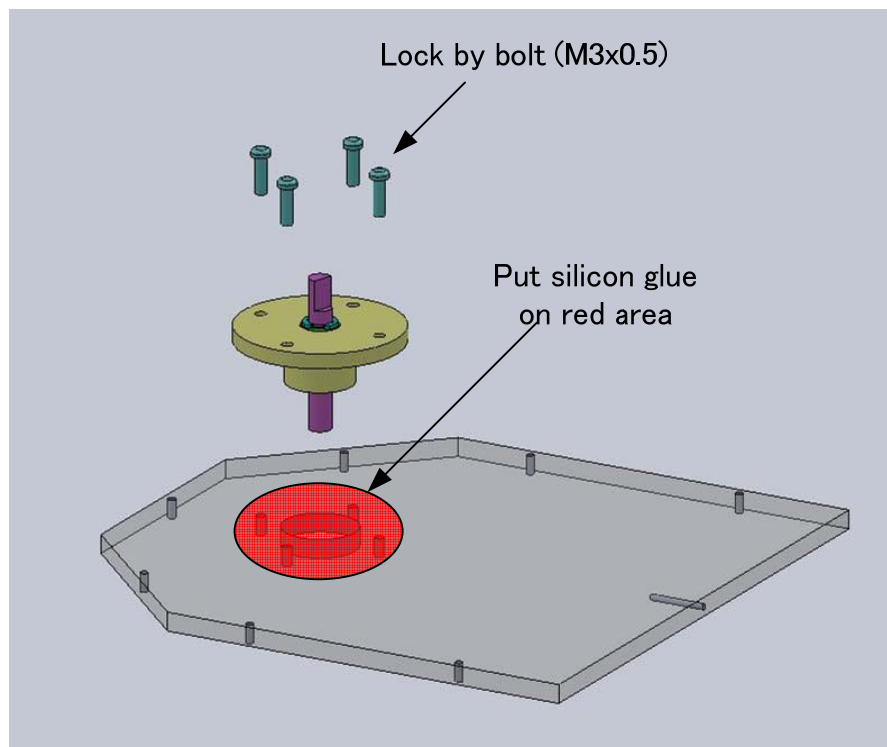
7. After we bend the plastic plate, we will compound caudal fin's mechanism. We put caudal shaft (S-002) into the socket of hub (H-001) then wear v-ring and bearing (BE-001) to shaft.



8. Put their part into hub and lock bearing by pair of E-ring.



9. Have to put silicon glue at mesh area (red area) before install caudal fin's mechanism with top plate then lock hub by bolt (M3x0.5).



10. Compound pectoral fin's mechanism by put the shaft (S-001) into the socket of hub (H-001) then wear v-ring and bearing (BE-001) to shaft then compress their part into hub and lock bearing by pair of E-ring.

