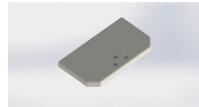


Gripper Arm Instructions

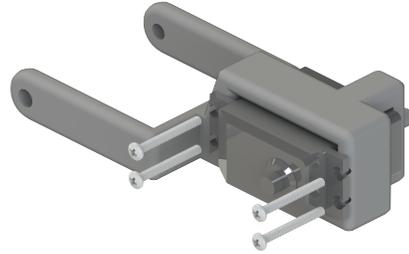
Parts list to build the arm:

- Arm × 1
- Guide × 2
- Left Drive × 1
- Right Drive × 1
- Jaw × 2
- Servo × 2
- Gripper Base × 1
- Long Screw × 11
- Lock Nut × 15
- Short Screw × 4
- Gripper Top × 1



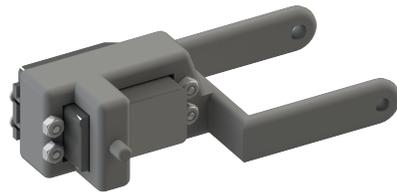
Step 1:

Insert the elbow servo into the slot in the arm.



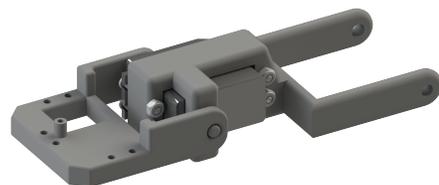
Step 2:

Fasten the screws with four nuts



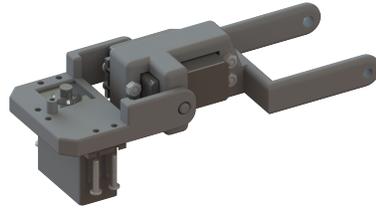
Step 3:

Stretch the gripper base around the front and push it onto the servo.



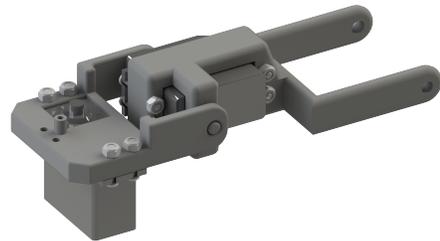
Step 4:

Place the gripper servo under the gripper base.



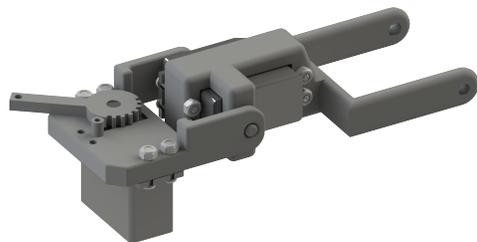
Step 5:

Fasten the servo in place with four nuts.



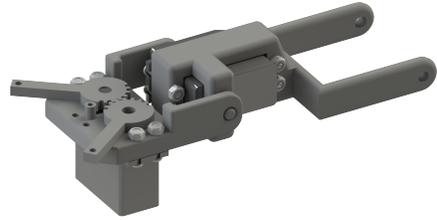
Step 6:

Push the right driver onto the servo.



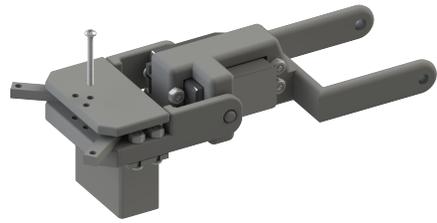
Step 7:

Place the left drive in so that it meshes with the right drive. It should mirror the angle of the right drive. It will be held in place with the top plate in the next step.



Step 8:

Place the top lid over the drivers. The peg on the bottom should fit into the hole in the left drive.



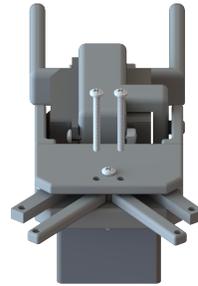
Step 9:

Hold the top in place by fastening the screw with a nut.



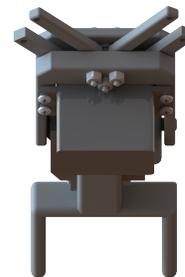
Step 10:

Align the guides with the holes in the gripper base and top plate.



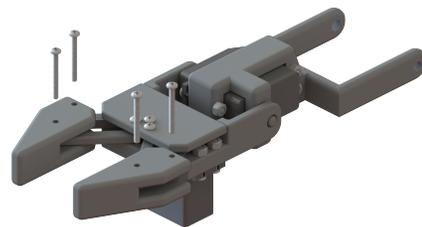
Step 11:

Fix the guides in place with two nuts.



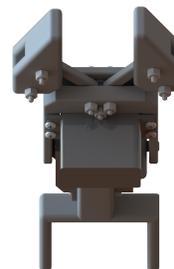
Step 12:

Align the holes of one jaw with the hole in the end of the right drive and the corresponding guide. Use two screws to hold it in place. Align the holes of the other jaw with the left drive and the corresponding guide. Use two more screws to hold it in place.



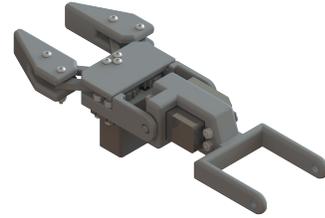
Step 13:

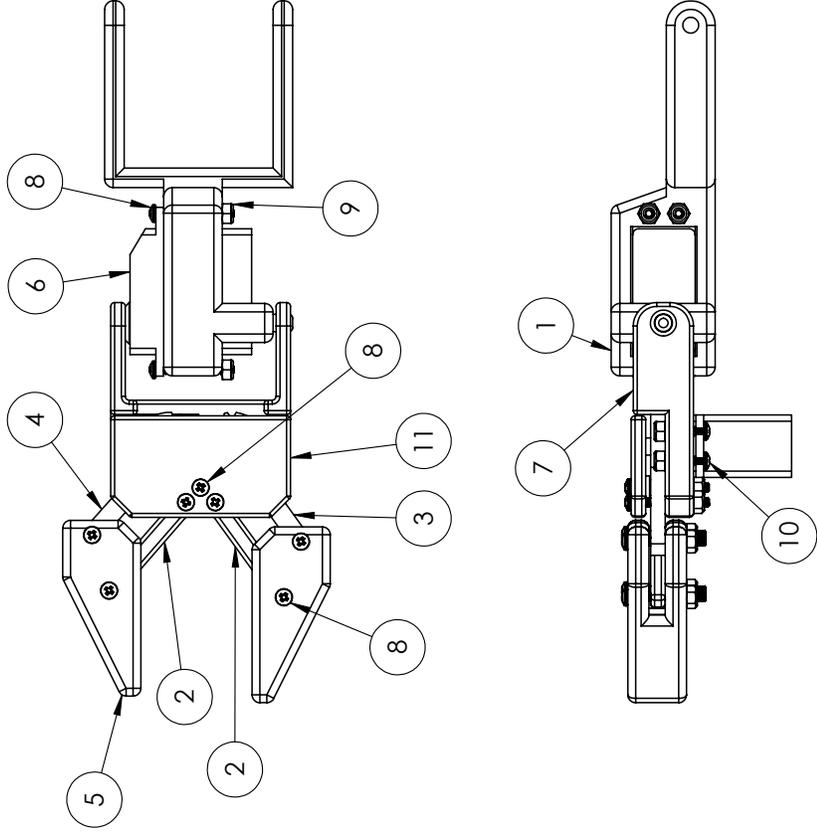
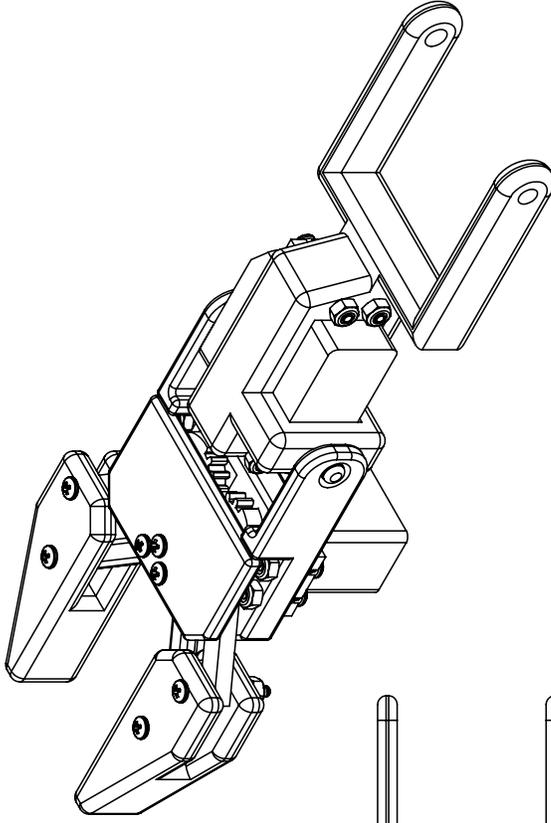
Fix the jaws in place with four nuts.



Step 14:

You have now assembled the arm.





ITEM NO.	PART NUMBER	QTY.
1	Arm	1
2	Guide	2
3	LeftDrive	1
4	RightDrive	1
5	Jaw	2
6	Servo	2
7	GripperBase	1
8	Long Screw	11
9	Lock Nut	15
10	Short Screw	4
11	GripperTop	1

SIZE DWG. NO. REV

A armAssem

SCALE: 1:2 WEIGHT: SHEET 1 OF 1