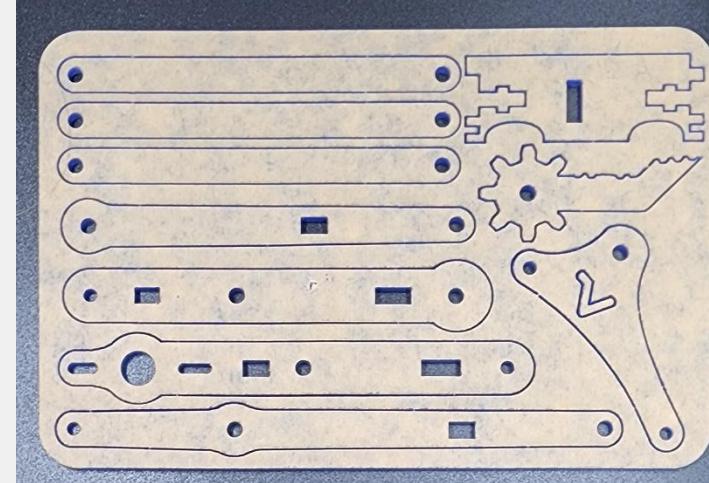
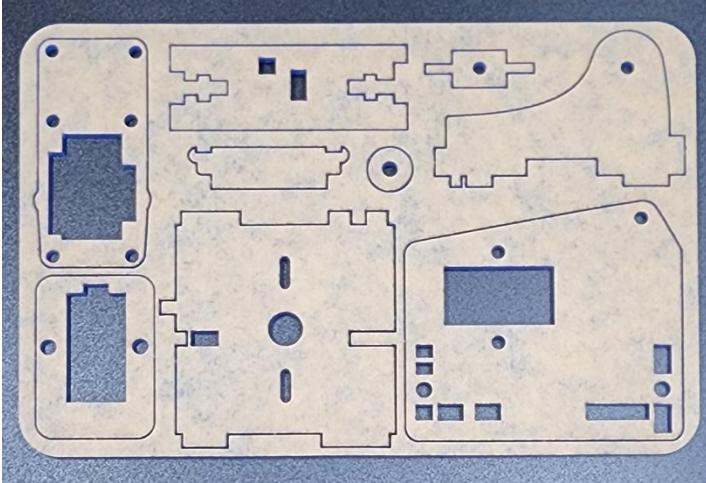
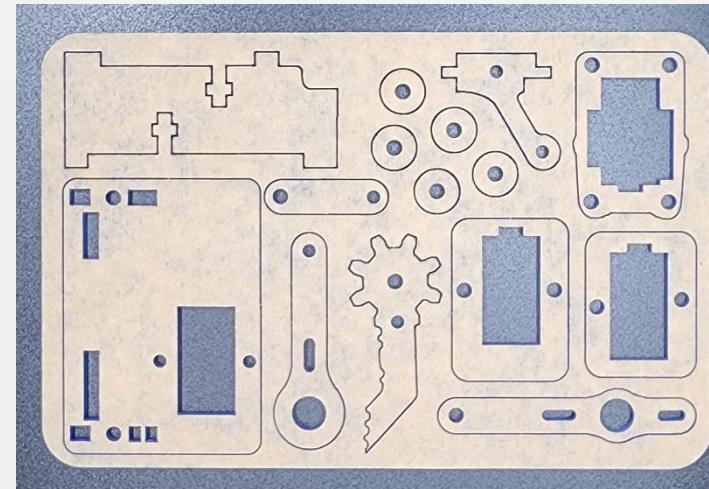
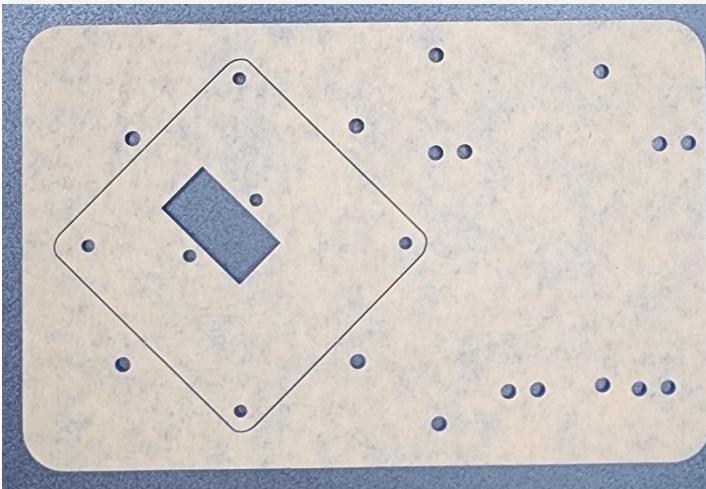


청소년

로봇캠프

Arduino 4Dof Robot Arm



아크릴 프레임 Set



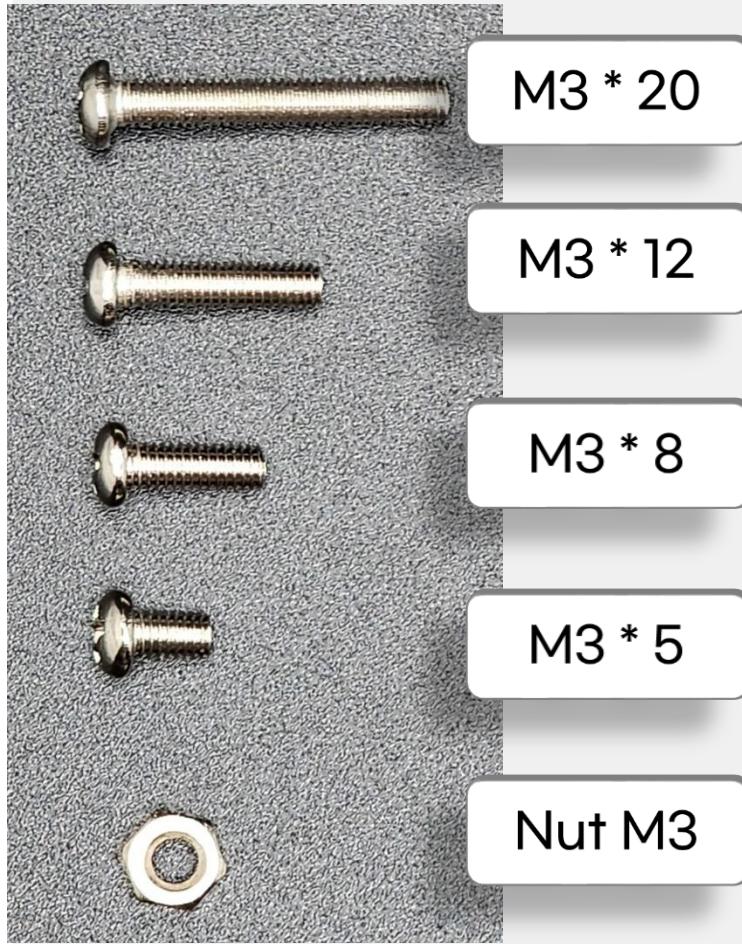
Servo*4, Bolt & Nut



Arduino UNO, Joystick module

Arduino 4Dof Robot Arm

제작과정



Arduino 4Dof Robot Arm 제작과정

제작 시 유의 사항

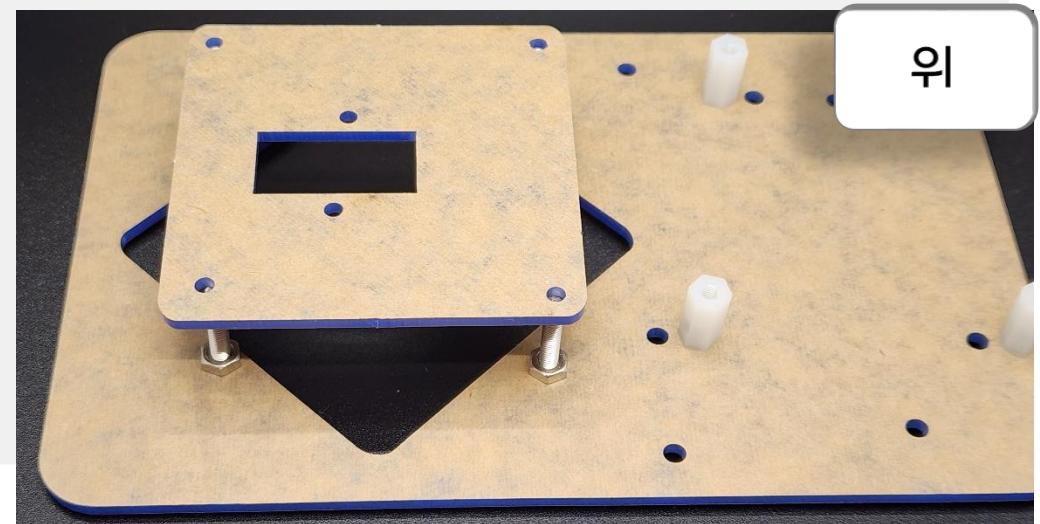
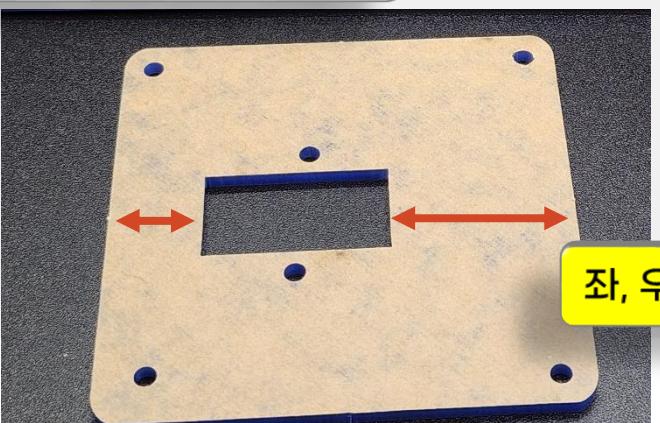
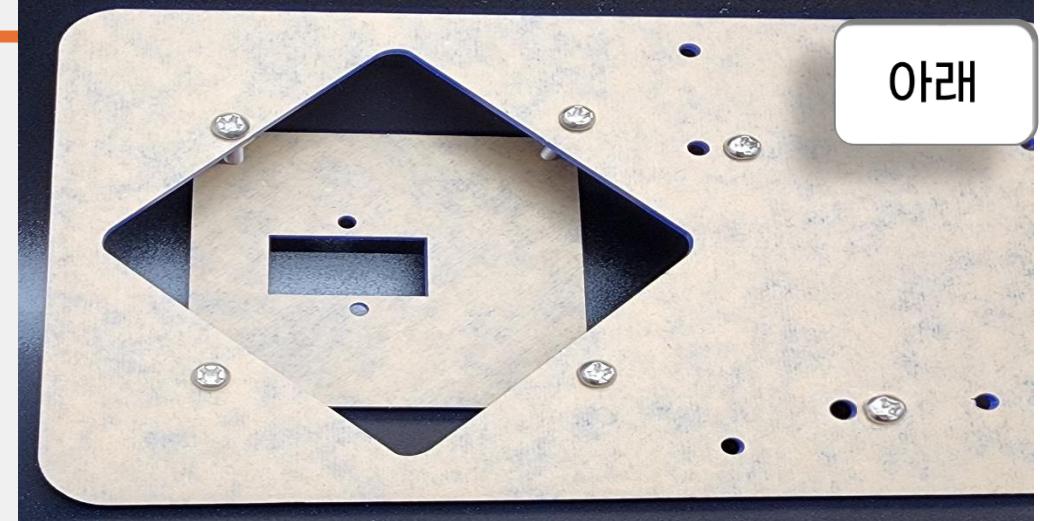
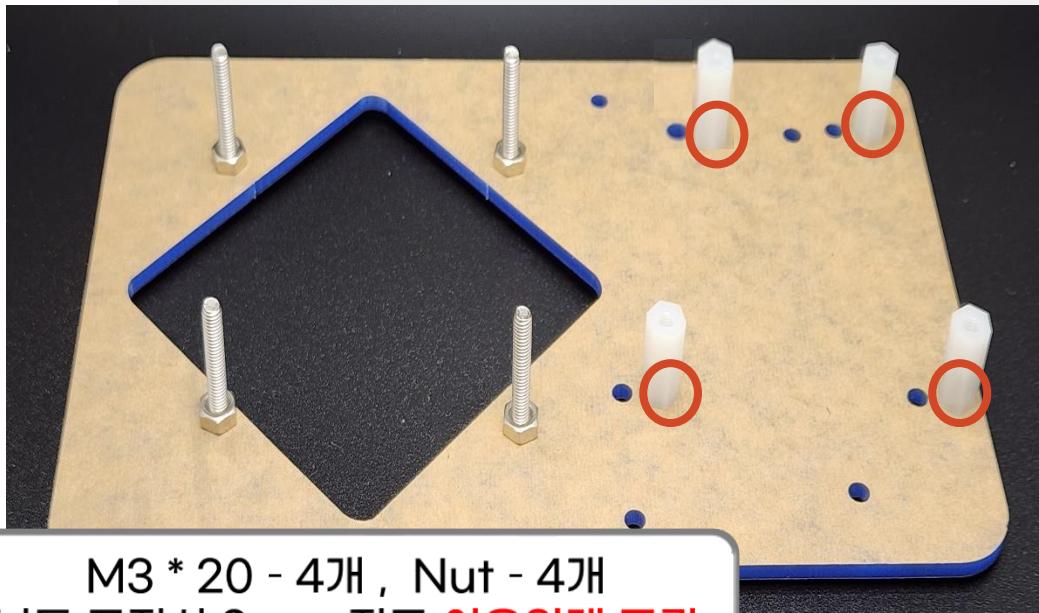
1. 프레임을 드라이버로 조일 때는 너무 강하게 조이지 않도록 한다.

>>> 아크릴이 깨짐 방지

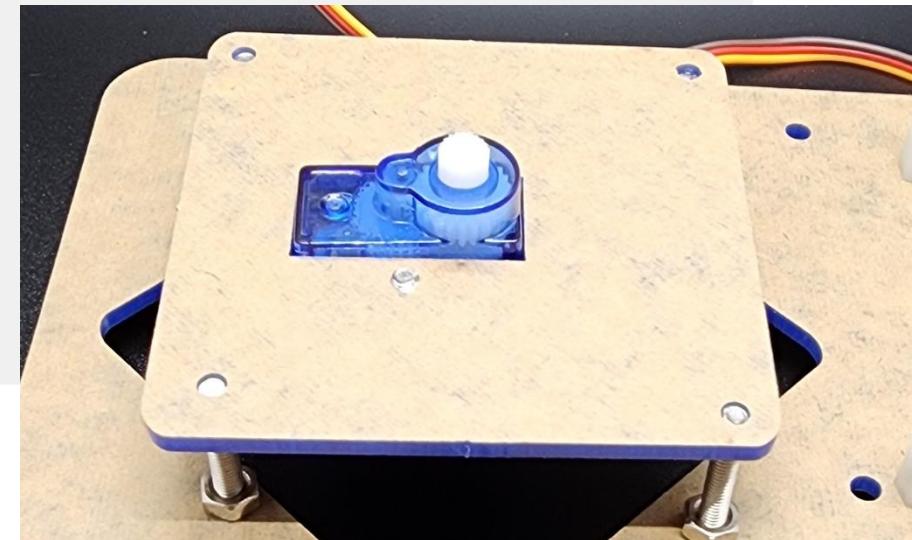
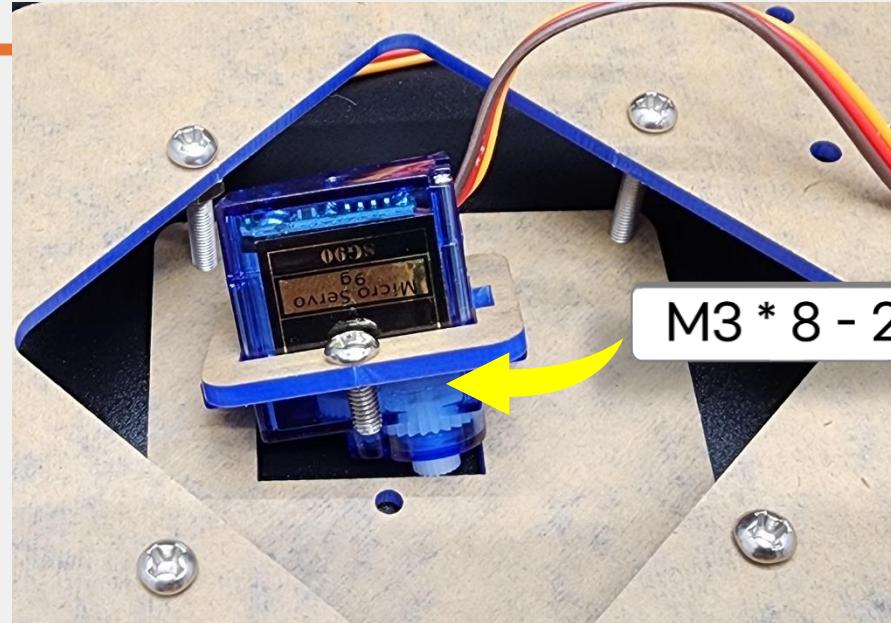
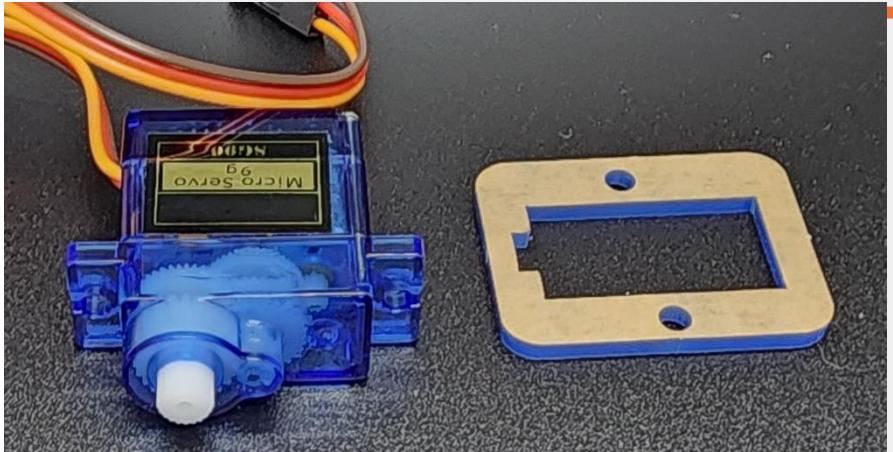
2. 프레임 구멍에 볼트를 끼울 때 방향이 있다.

>>> 볼트 머리쪽 구멍이 크고, 반대쪽은 나사산으로 고정

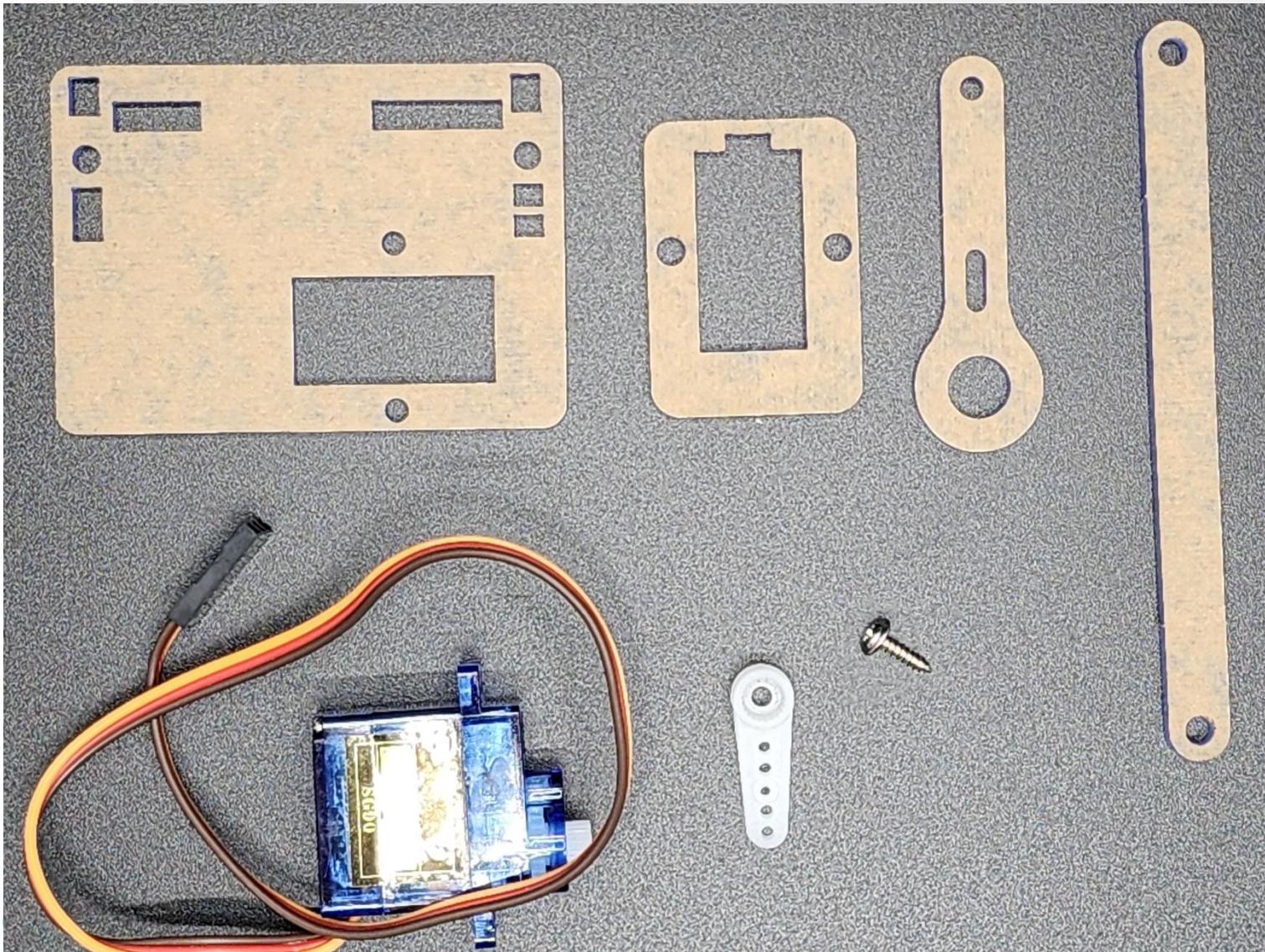
Arduino 4Dof Robot Arm 제작과정



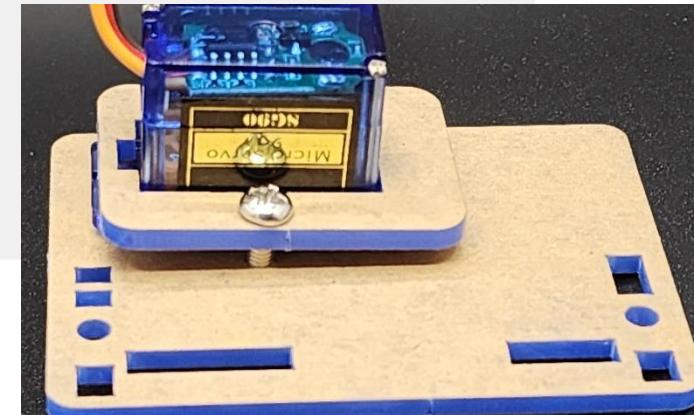
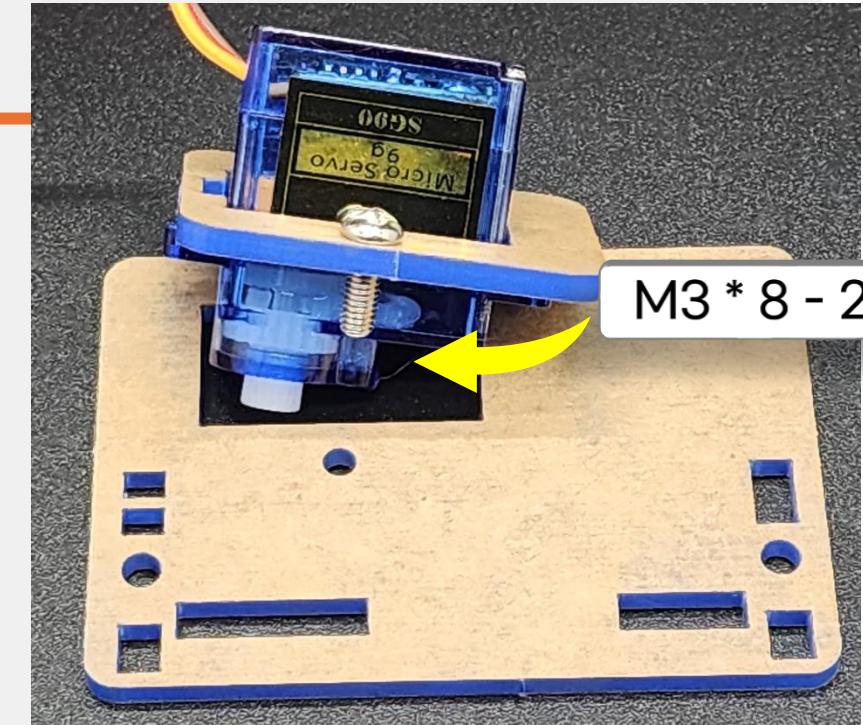
Arduino 4Dof Robot Arm 제작과정



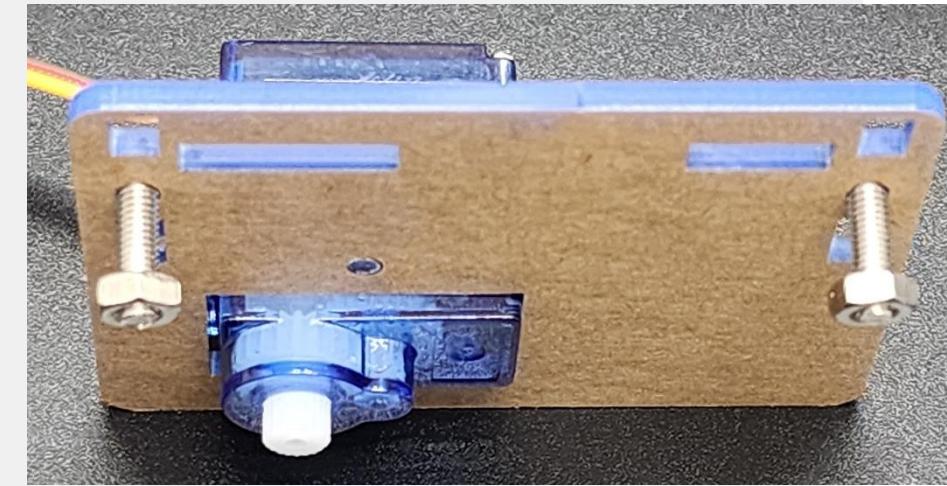
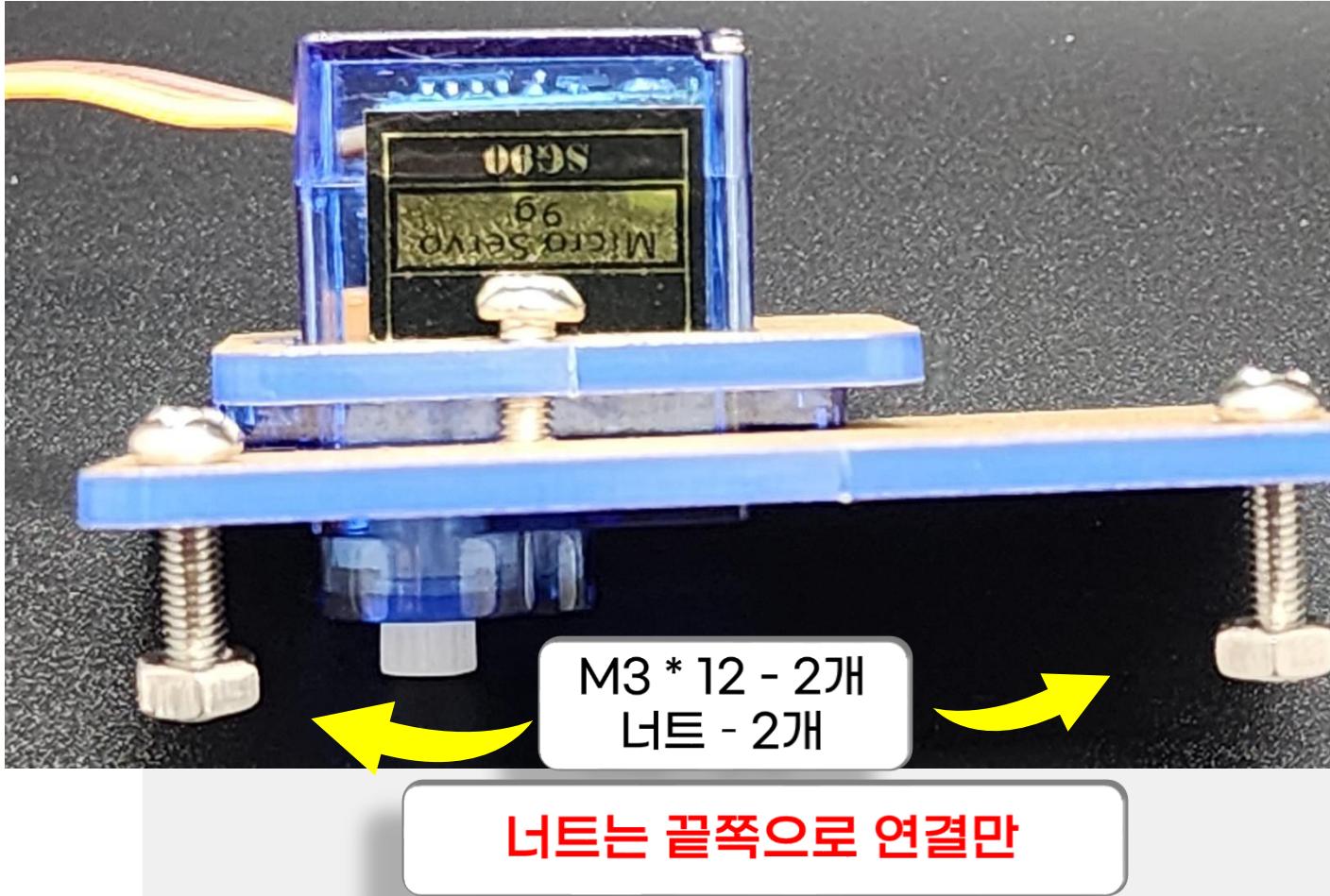
Arduino 4Dof Robot Arm 제작과정



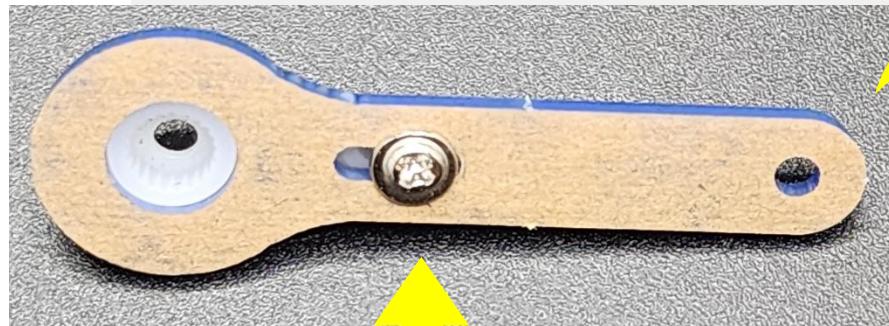
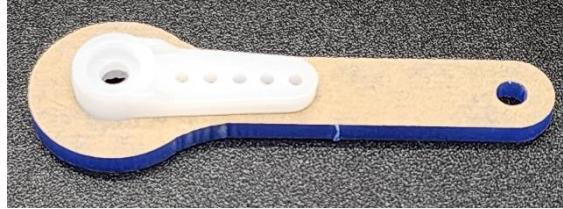
ARDUINO



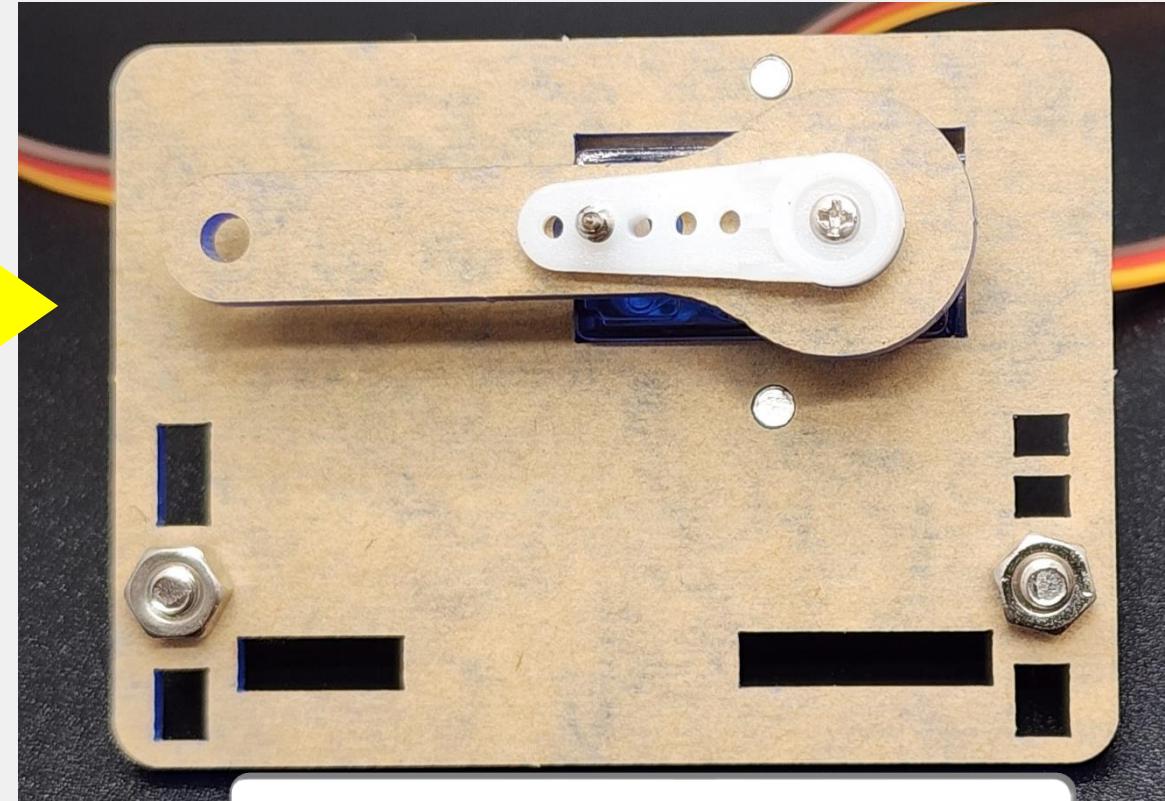
Arduino 4Dof Robot Arm 제작과정



Arduino 4Dof Robot Arm 제작과정

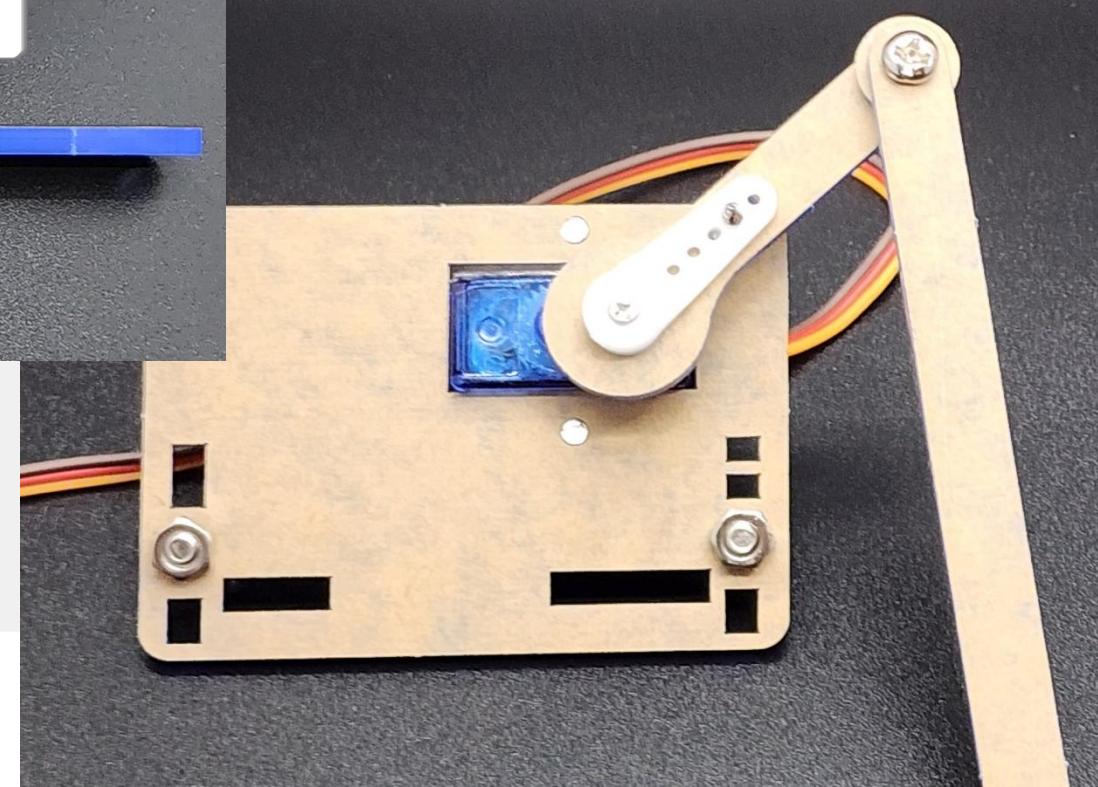
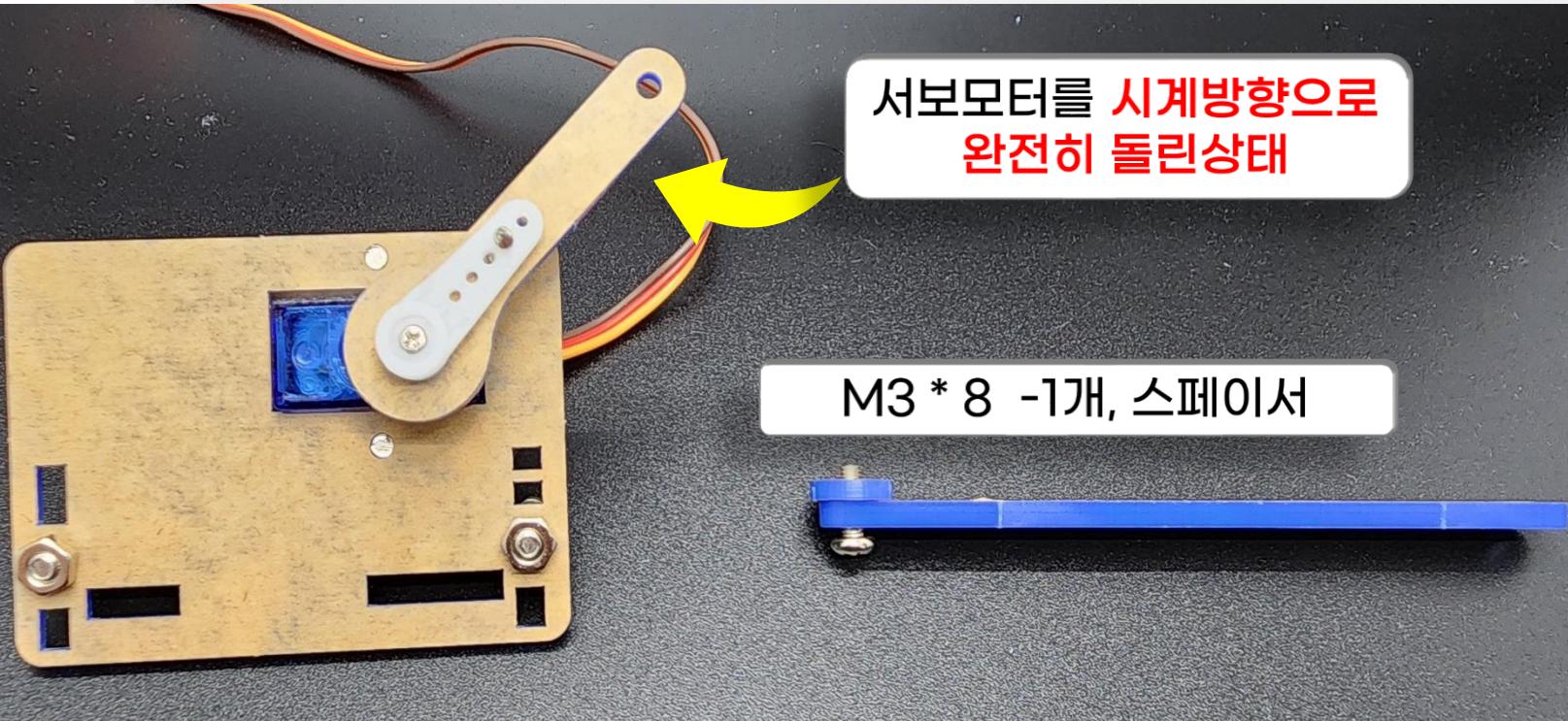


서보 혼 고정용 볼트

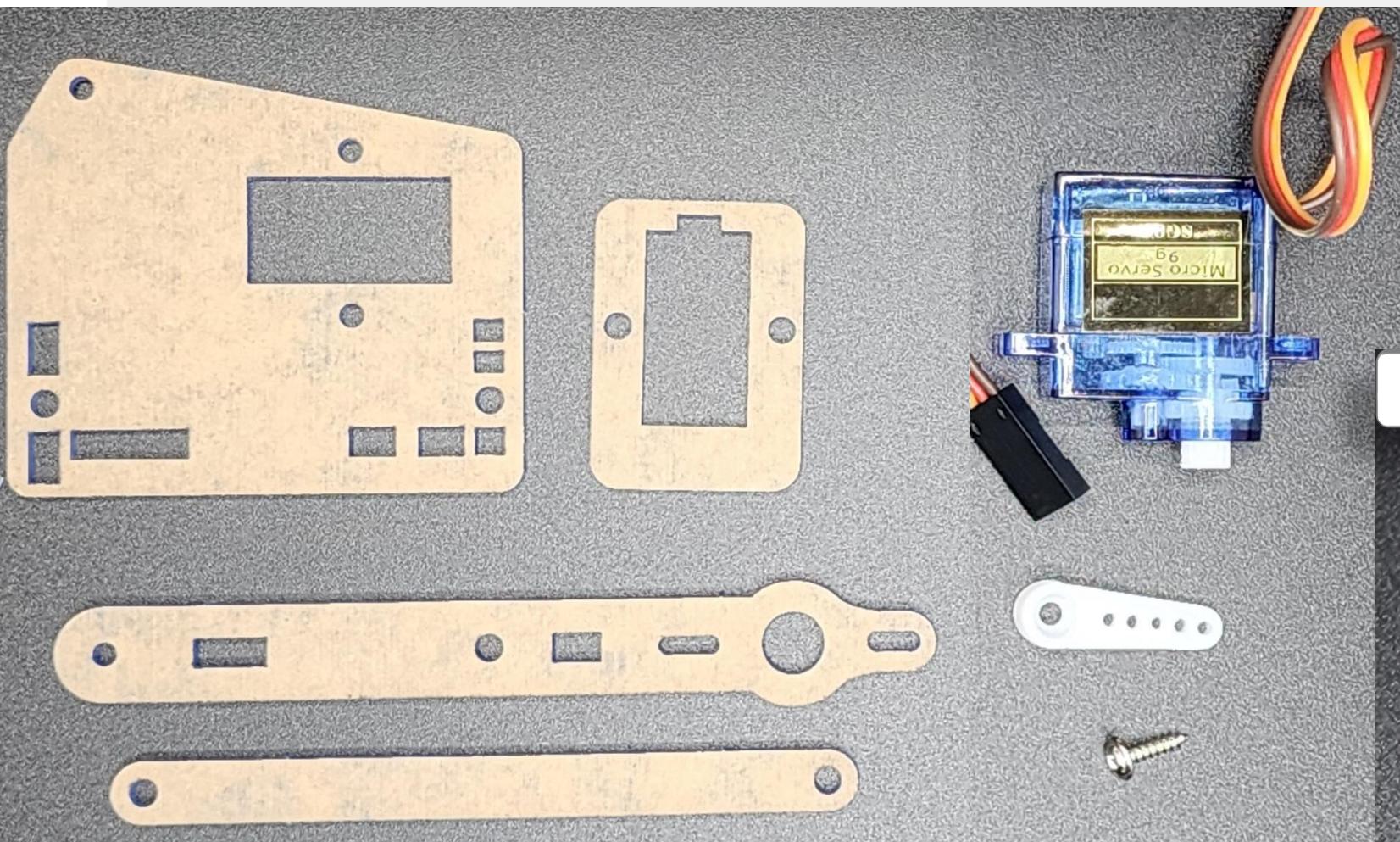


서보 모터 기어 돌리지 않고 고정

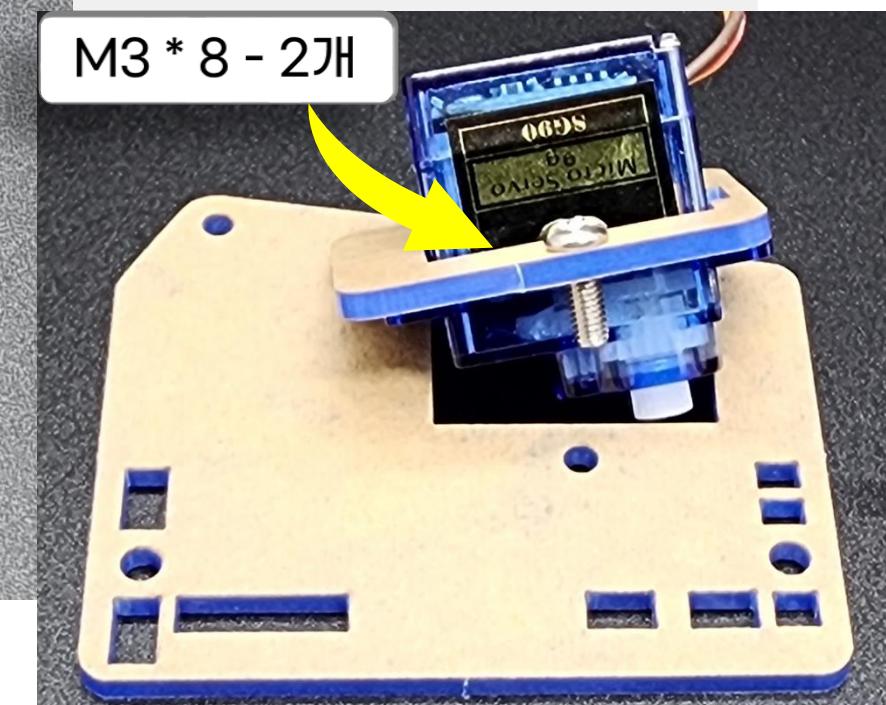
Arduino 4Dof Robot Arm 제작과정



Arduino 4Dof Robot Arm 제작과정

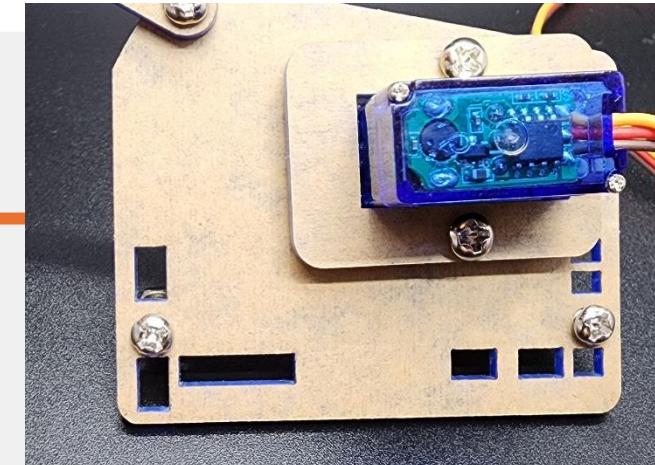
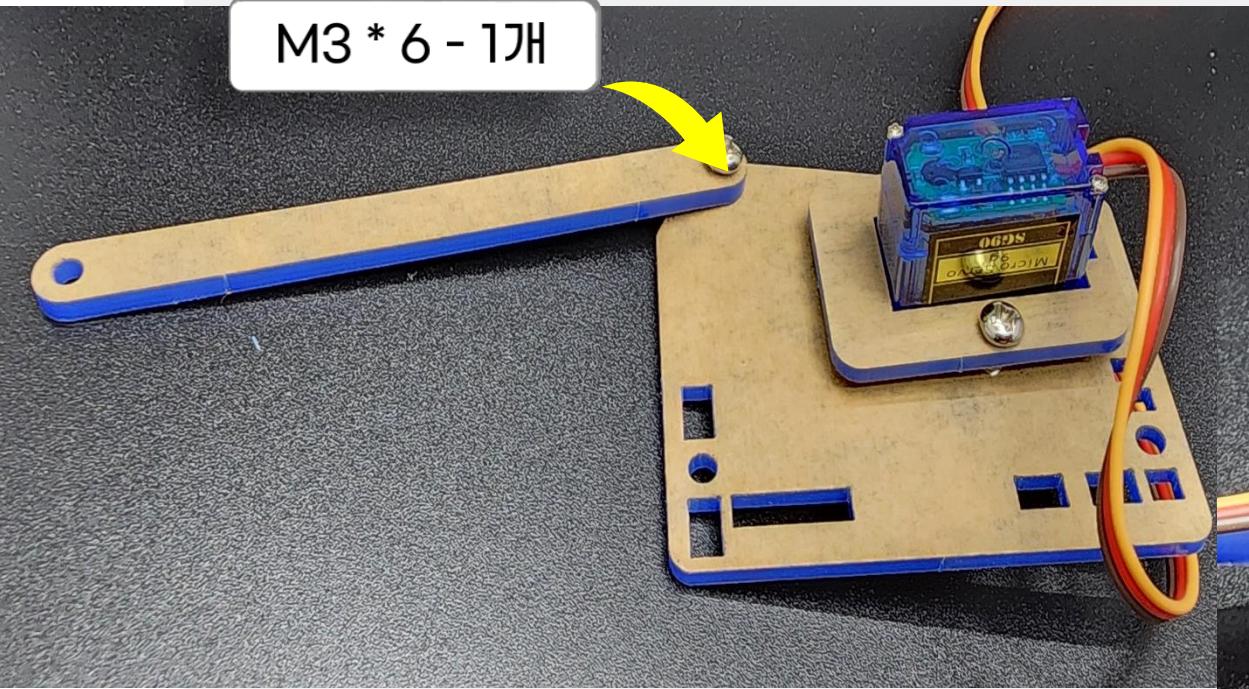


M3 * 8 - 2개

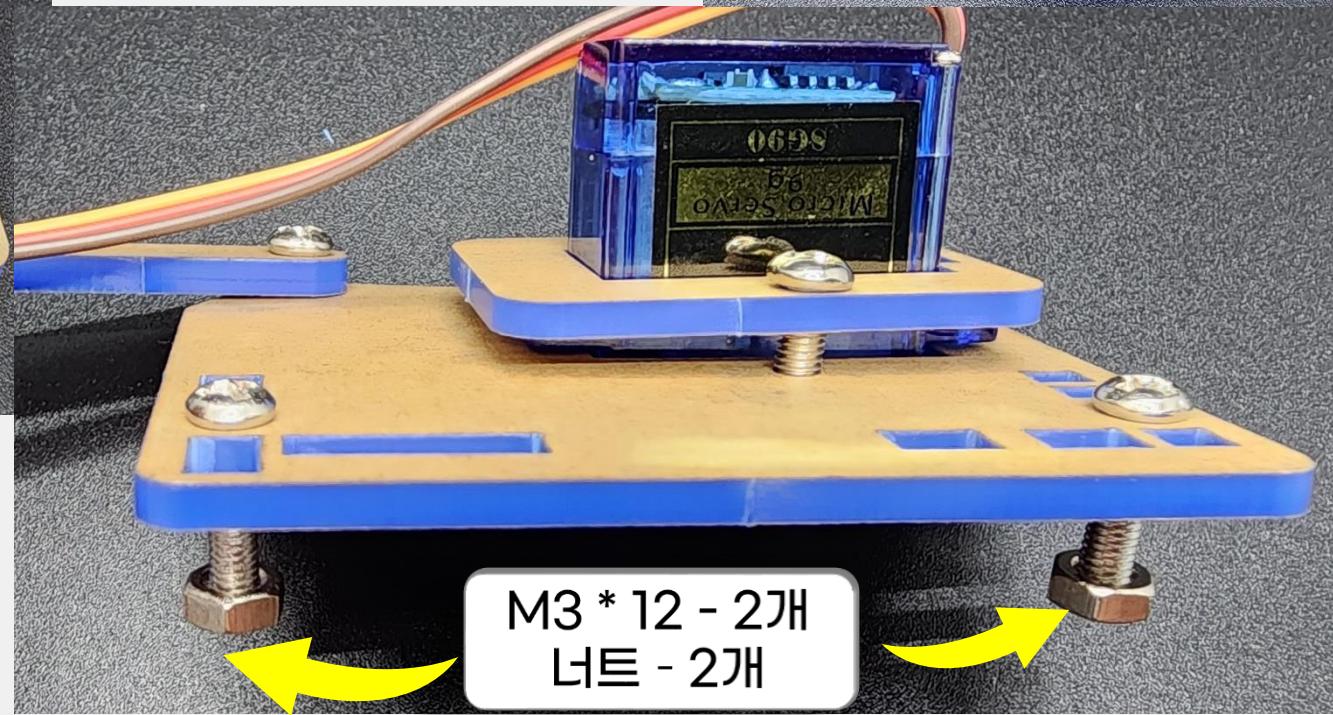


Arduino 4Dof Robot Arm 제작과정

M3 * 6 - 1개

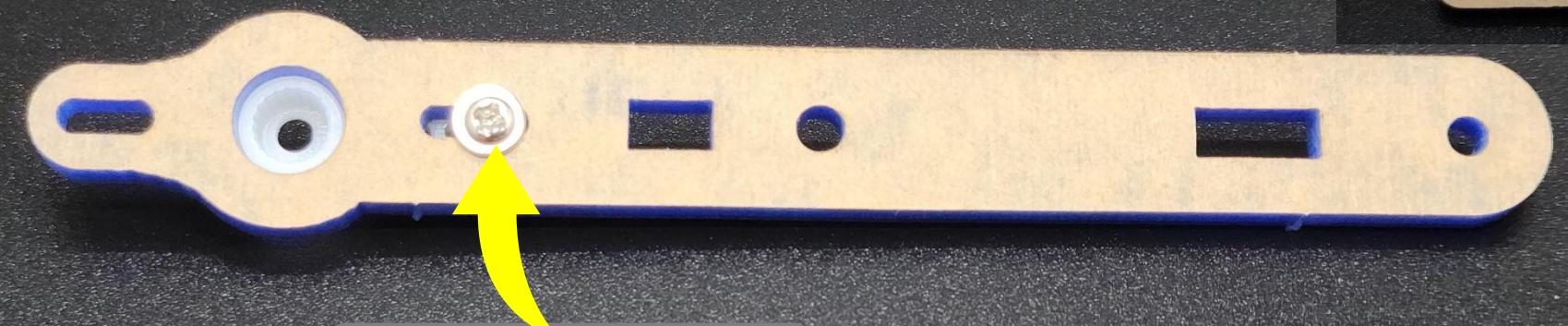
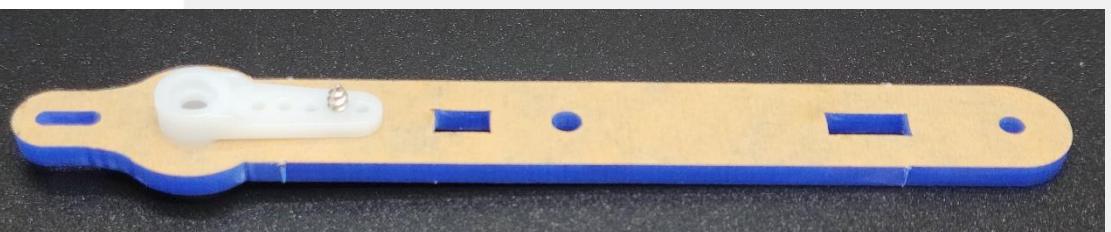


M3 * 12 - 2개
너트 - 2개

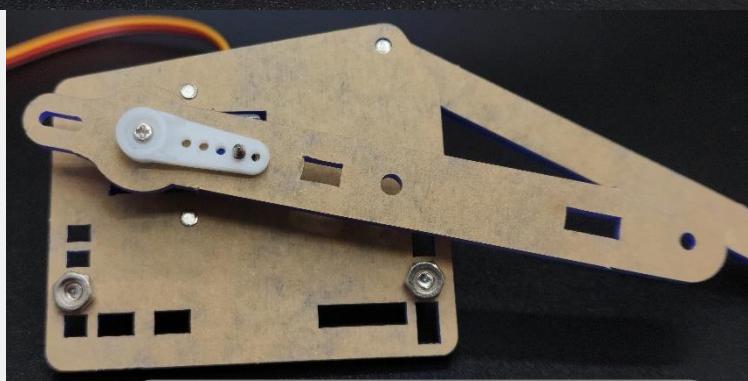


너트는 끝쪽으로 연결만

Arduino 4Dof Robot Arm 제작과정

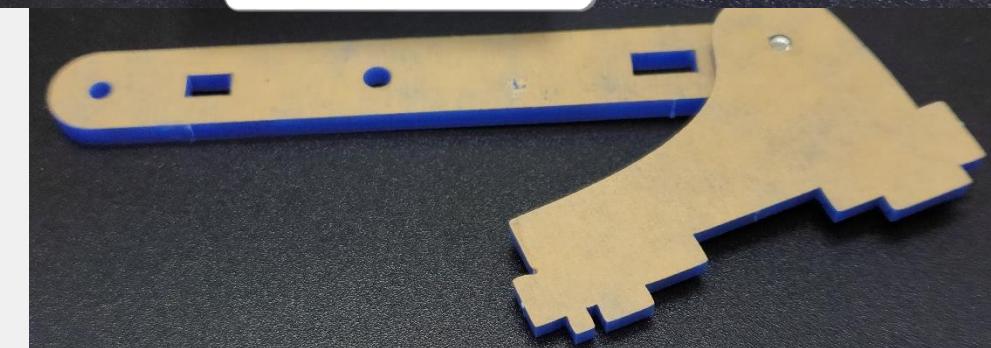
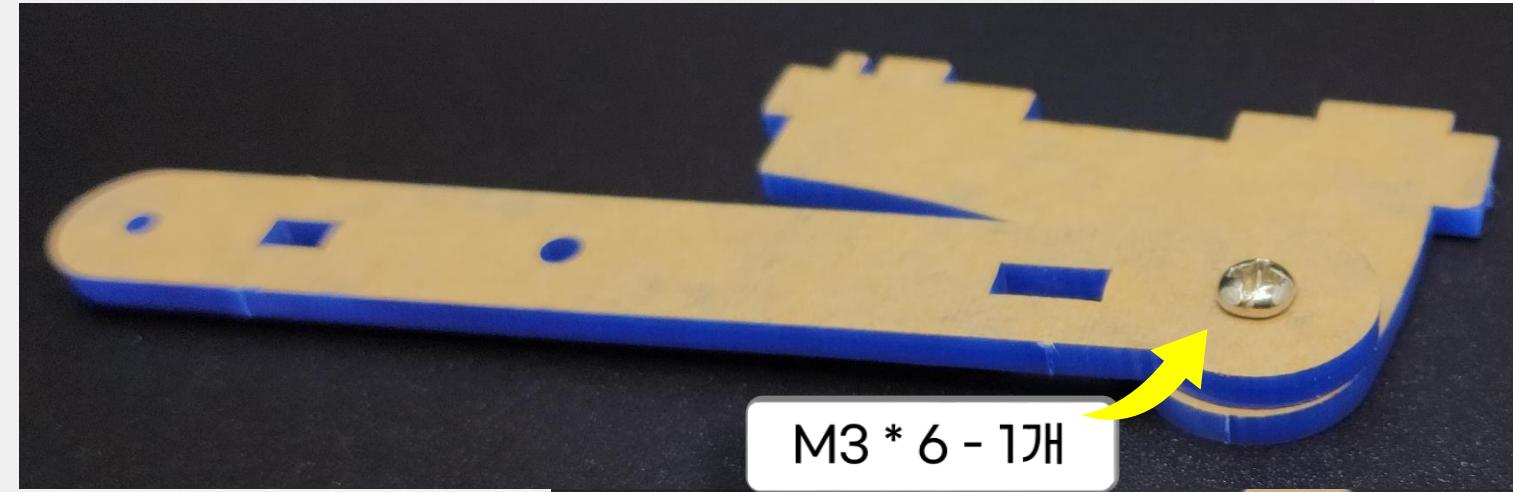
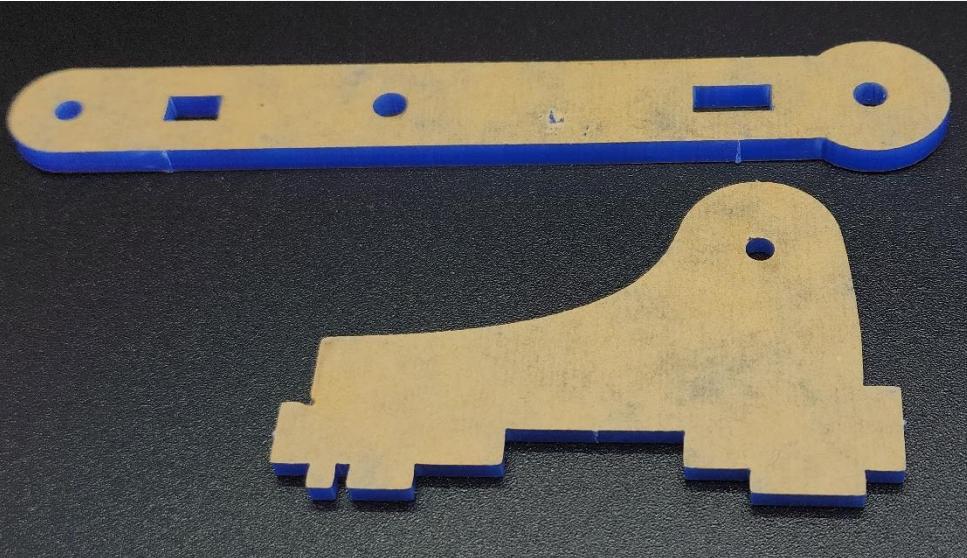


서보 혼 고정용 볼트

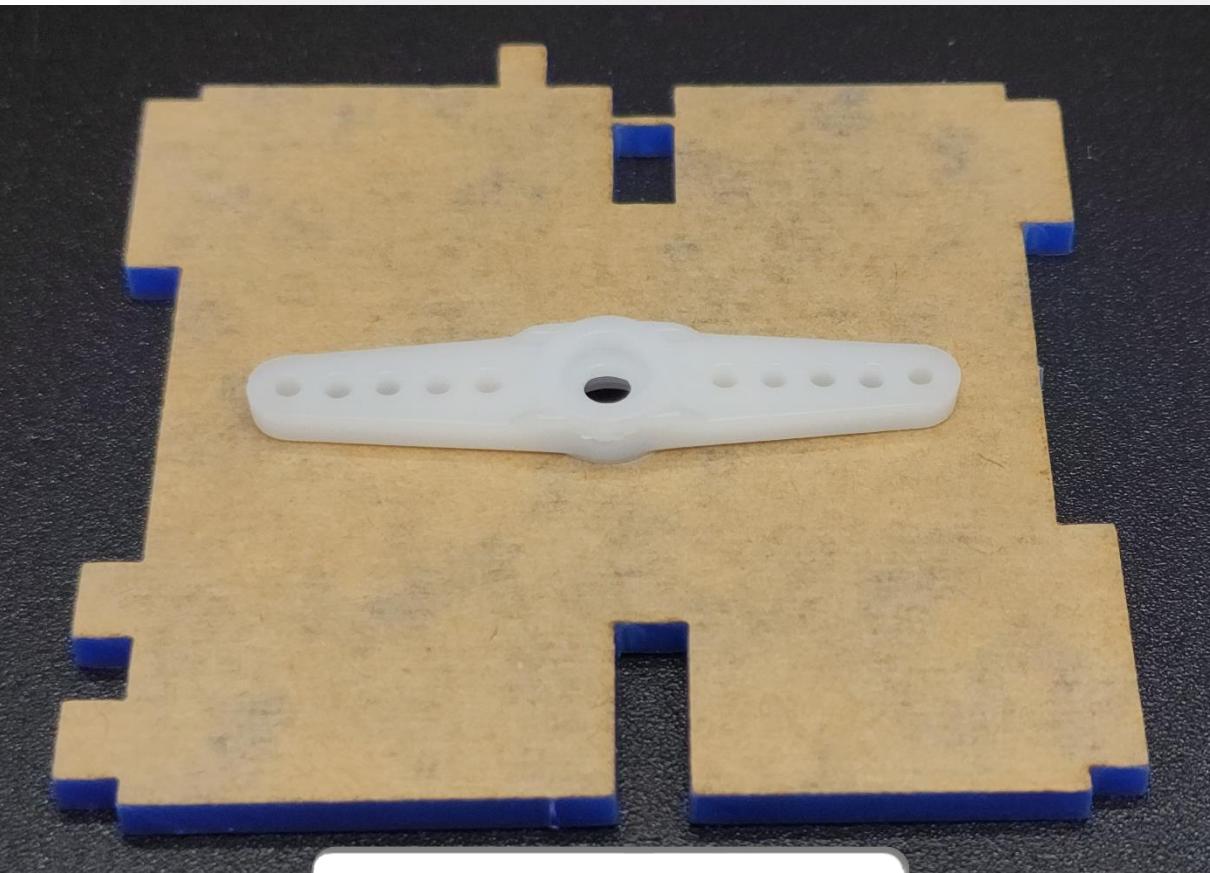


서보모터를 시계방향으로
완전히 돌린상태

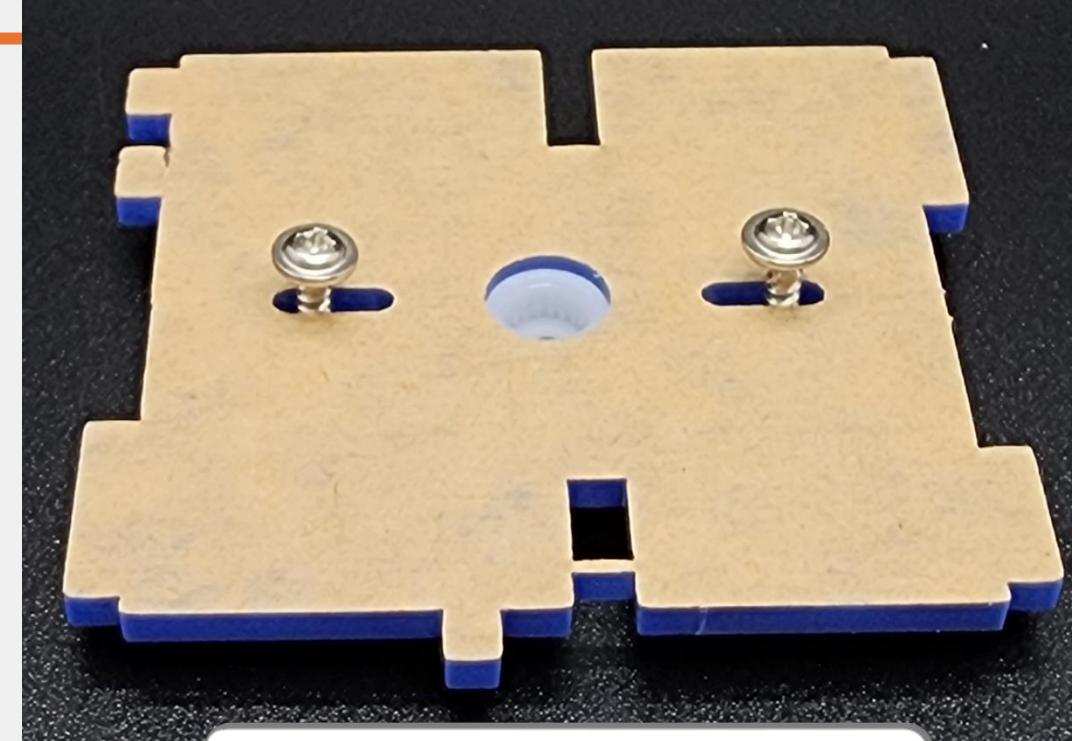
Arduino 4Dof Robot Arm 제작과정



Arduino 4Dof Robot Arm 제작과정

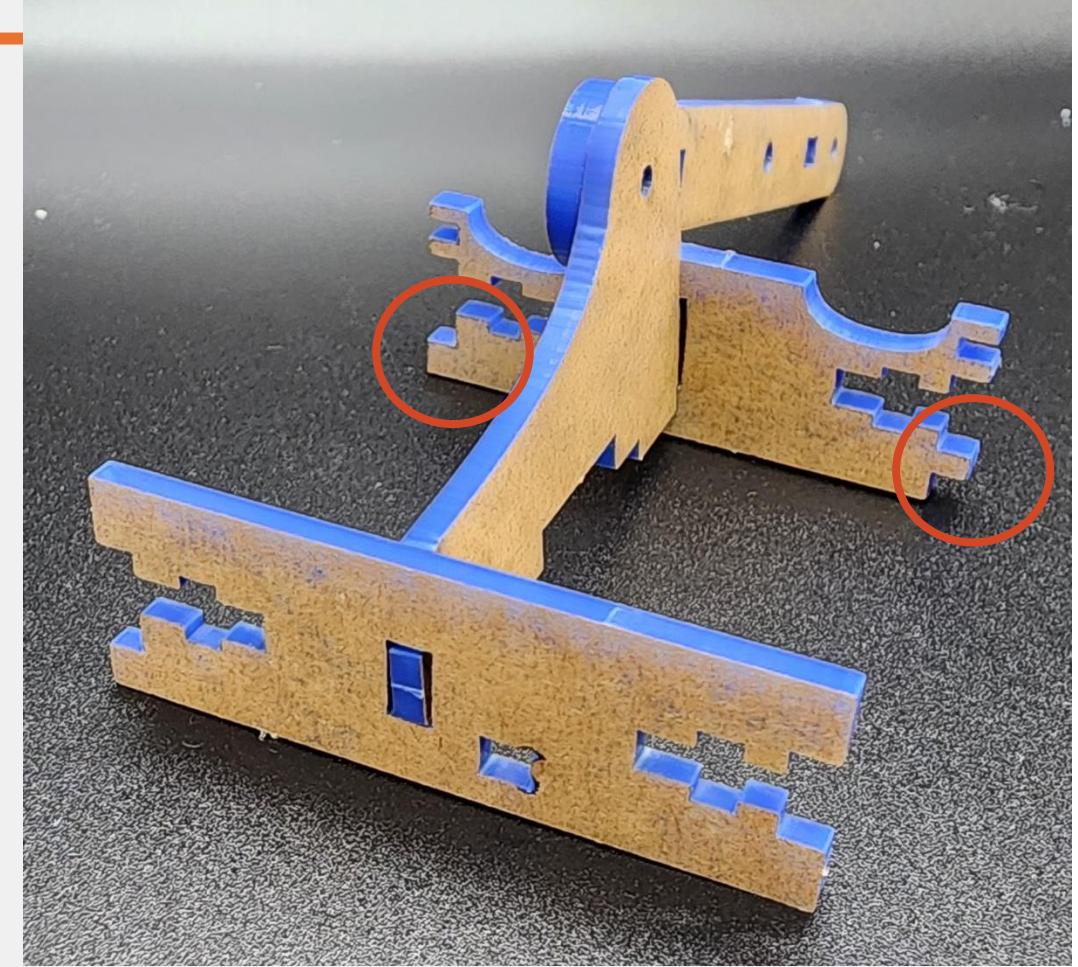
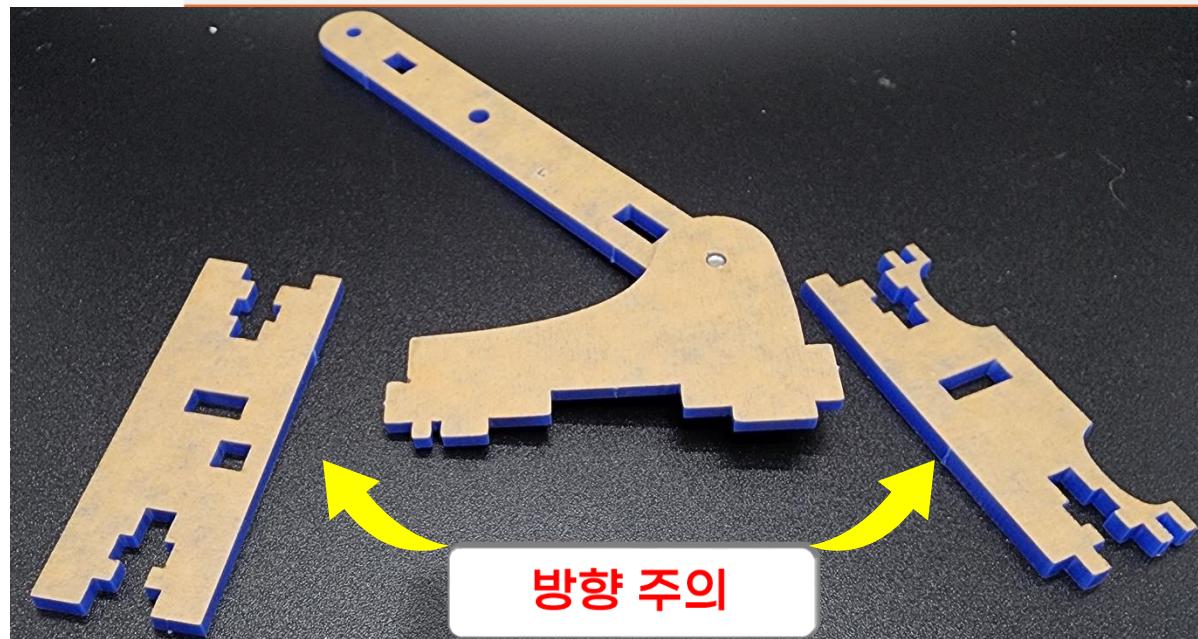


서보 혼 방향에 유의

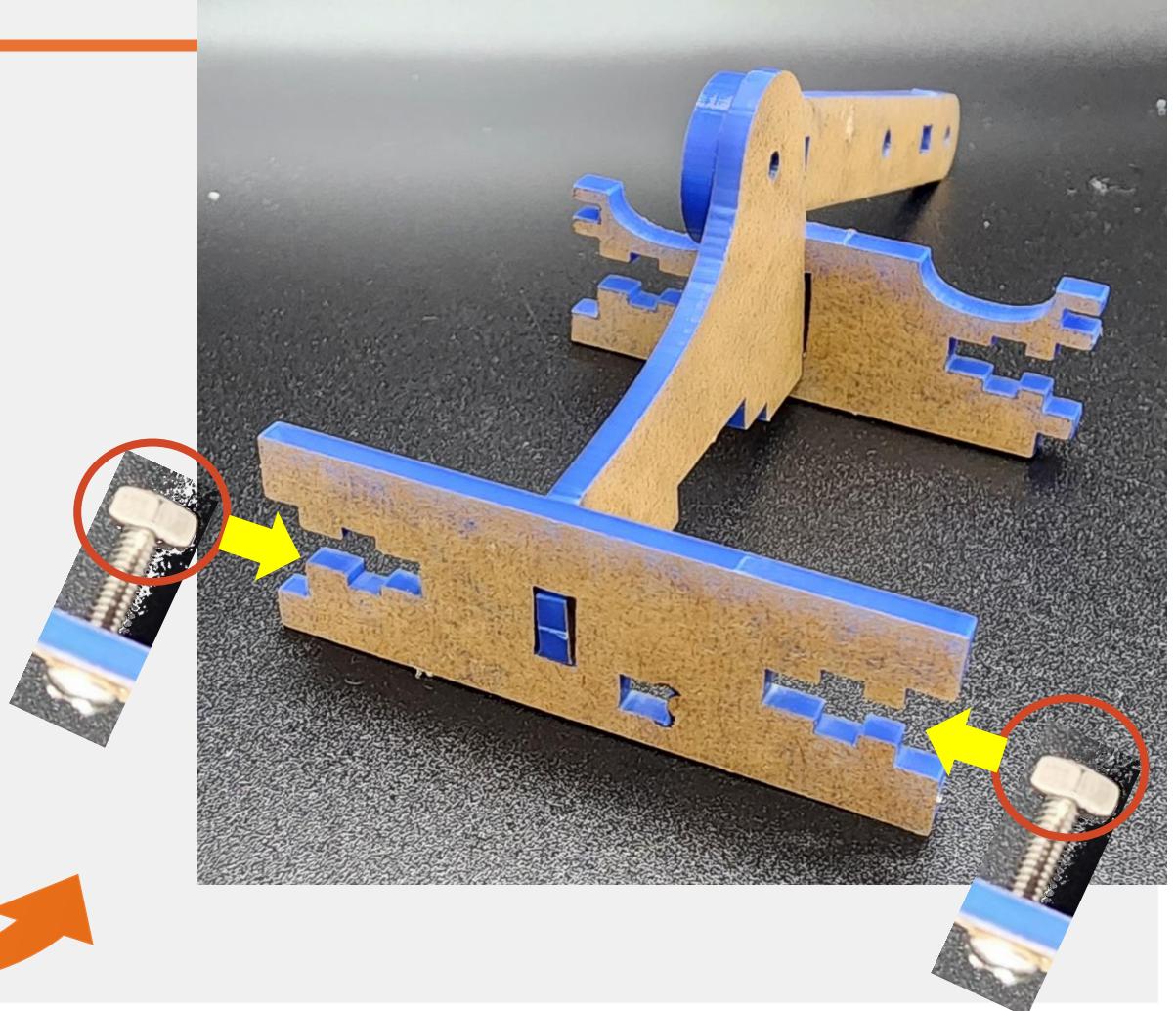
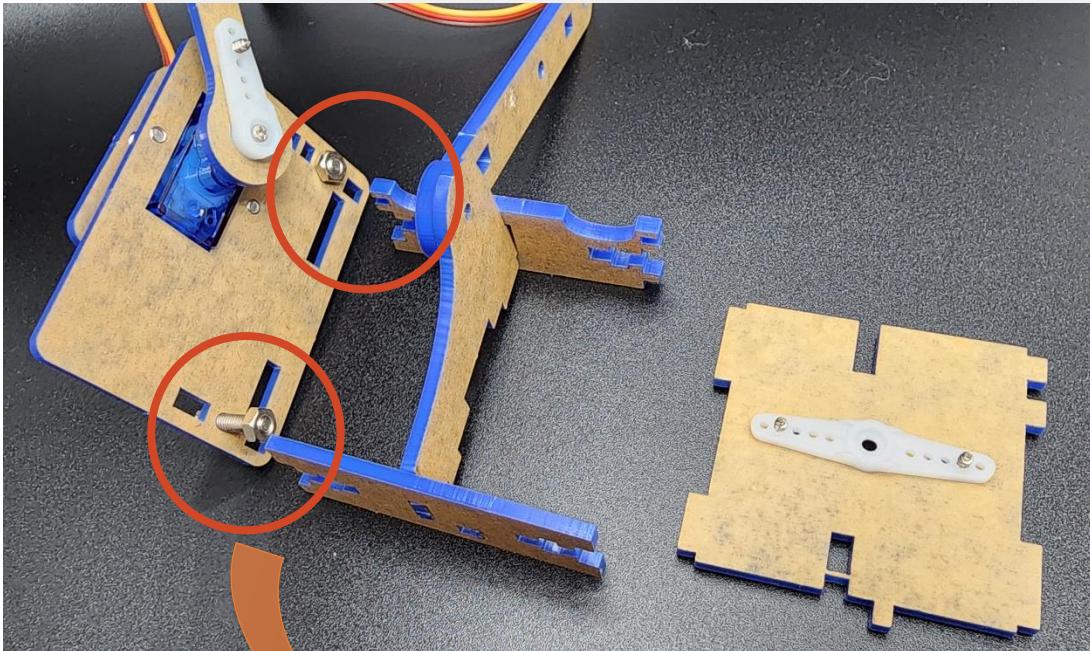


볼트 연결시 시작 방향에 유의

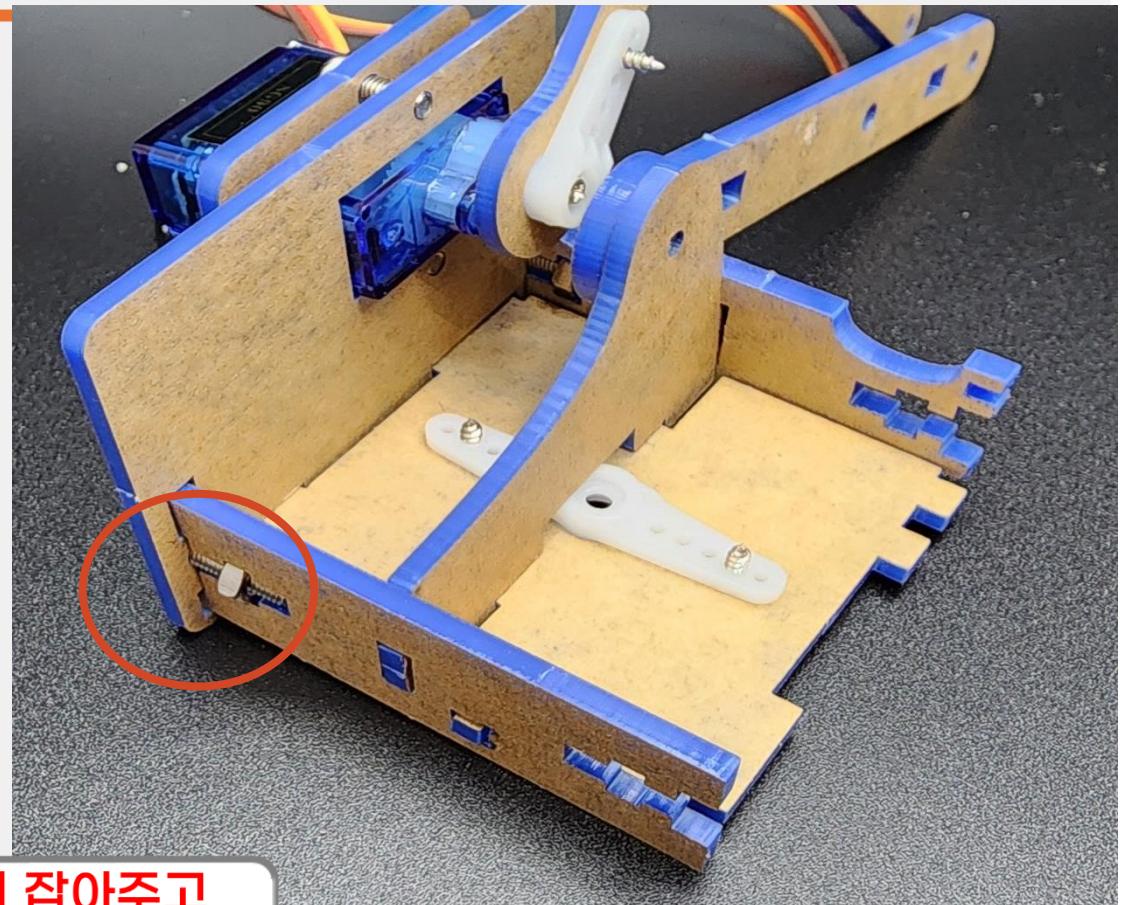
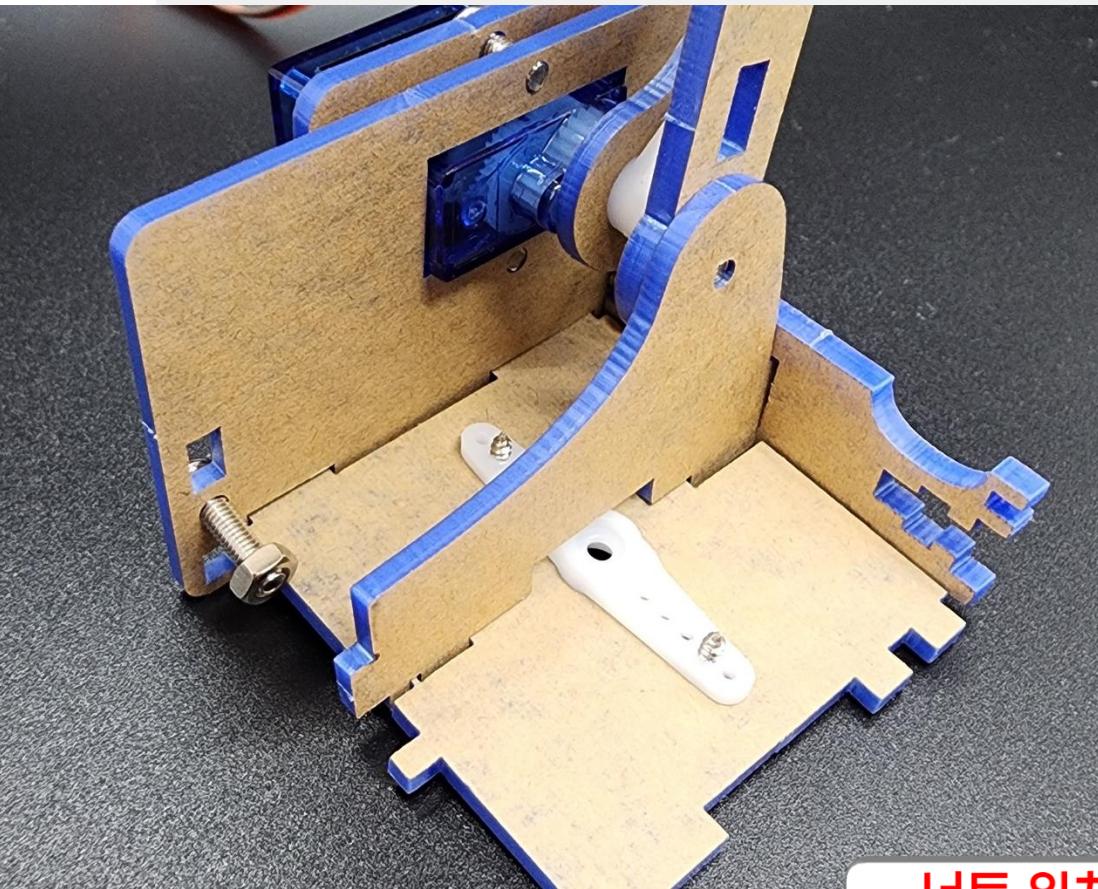
Arduino 4Dof Robot Arm 제작과정



Arduino 4Dof Robot Arm 제작과정

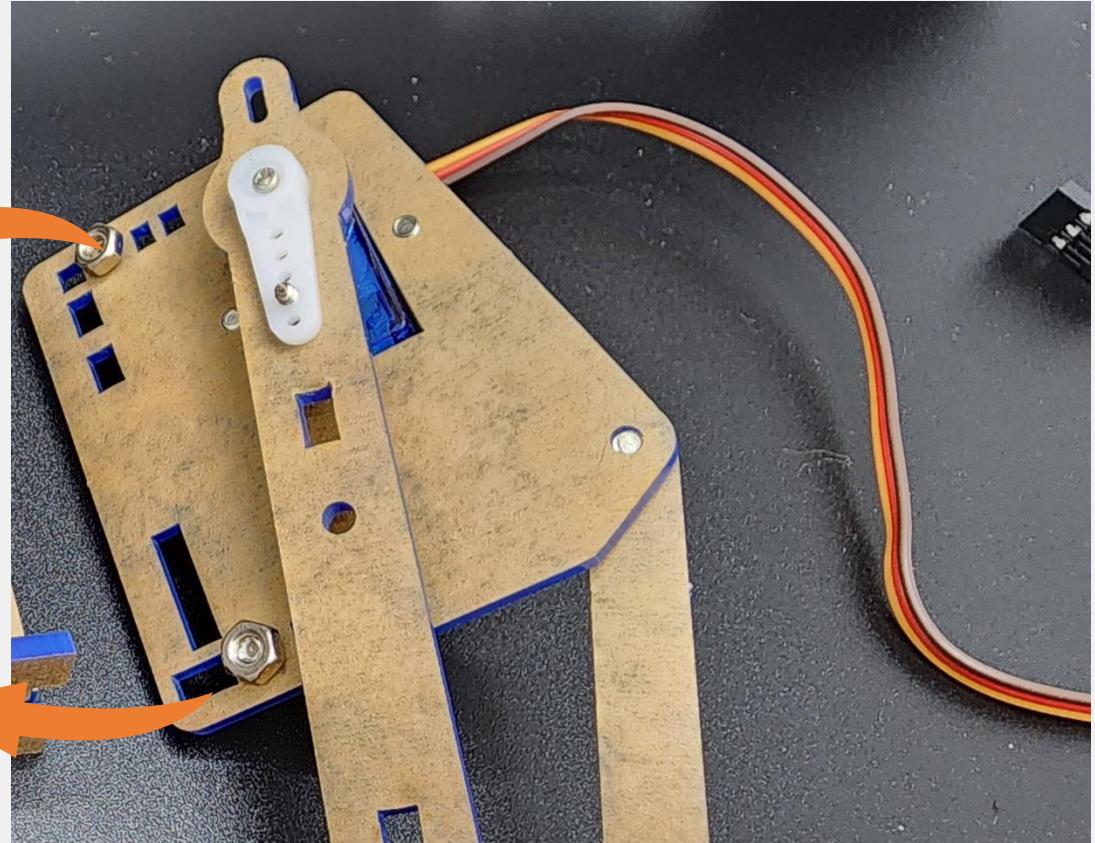
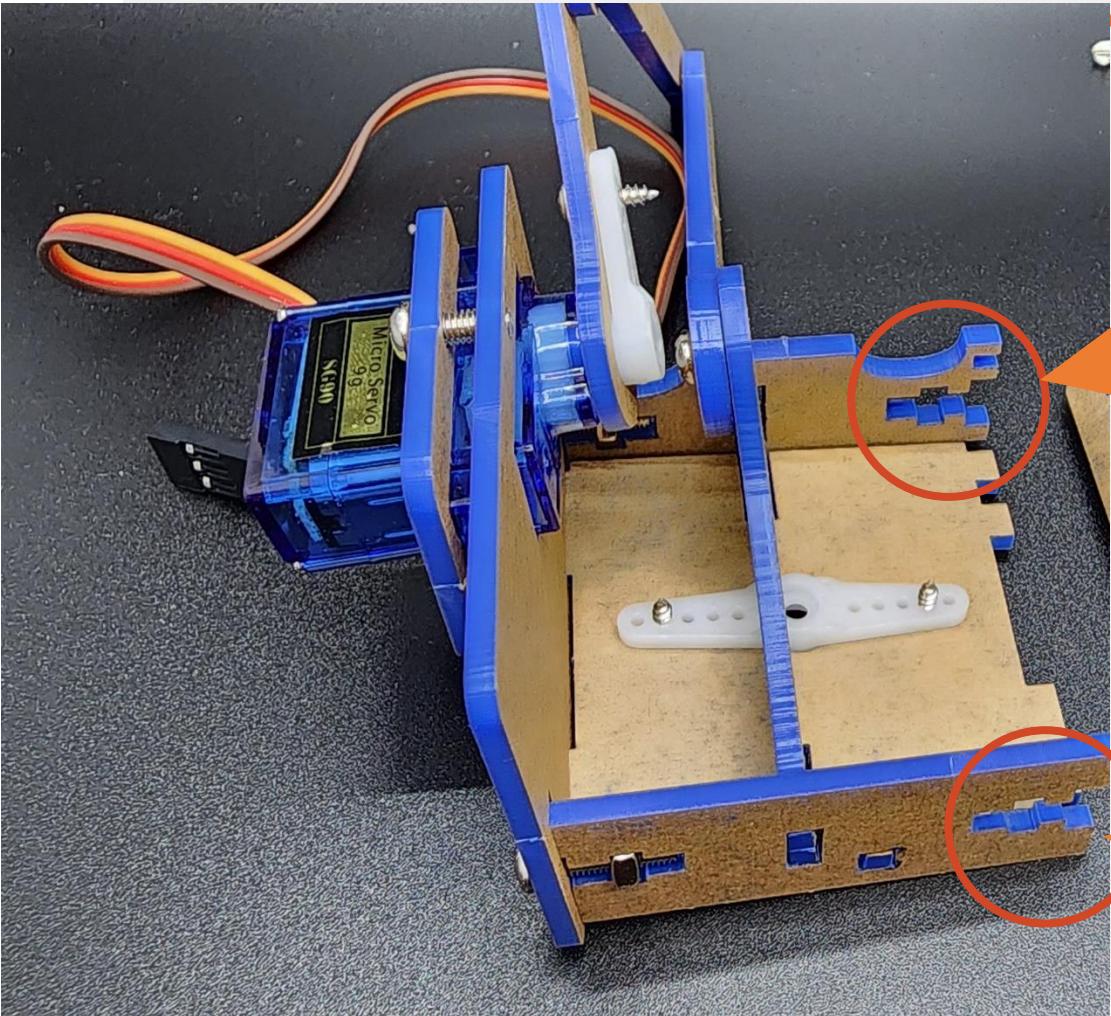


Arduino 4Dof Robot Arm 제작과정

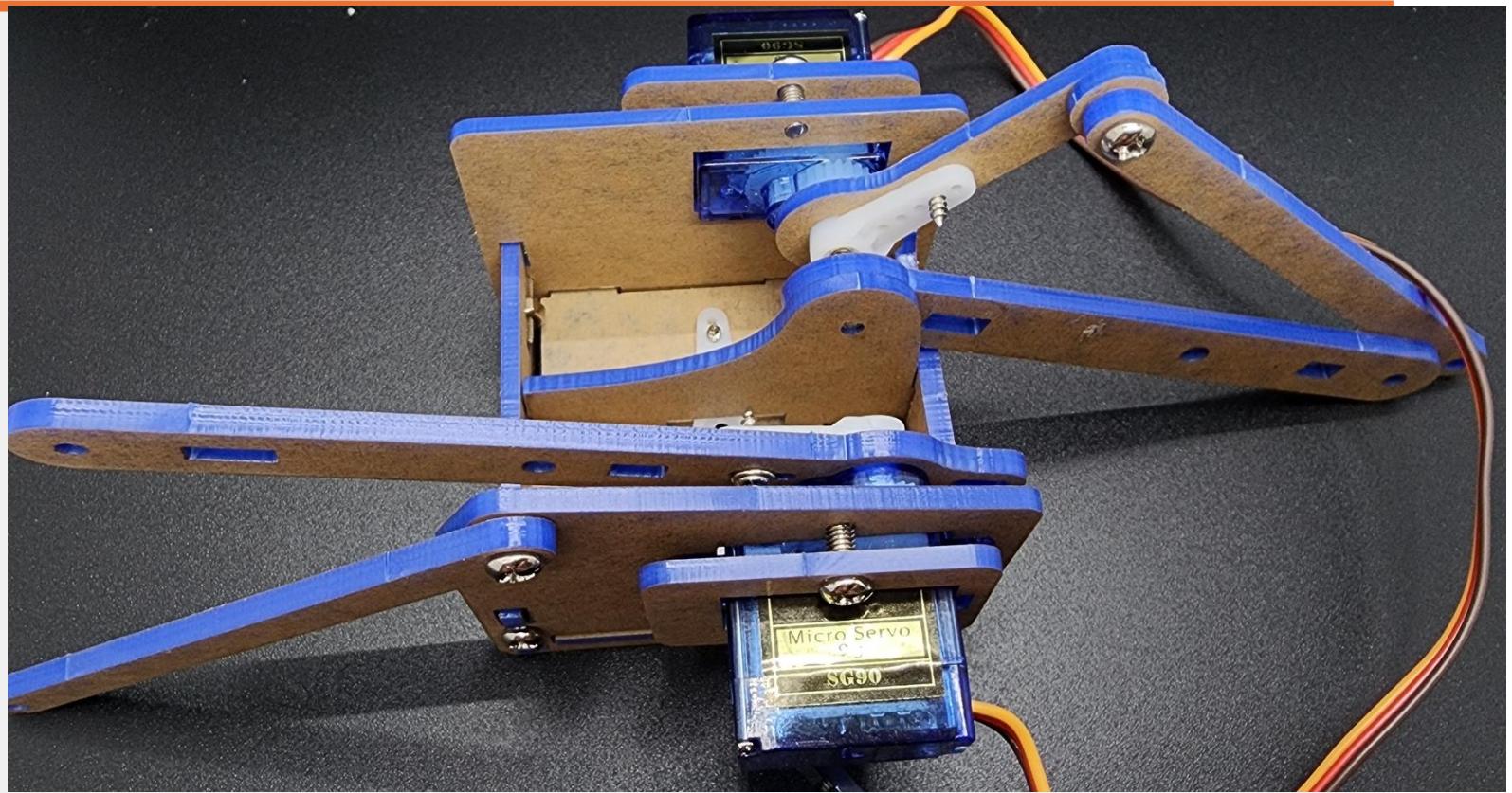
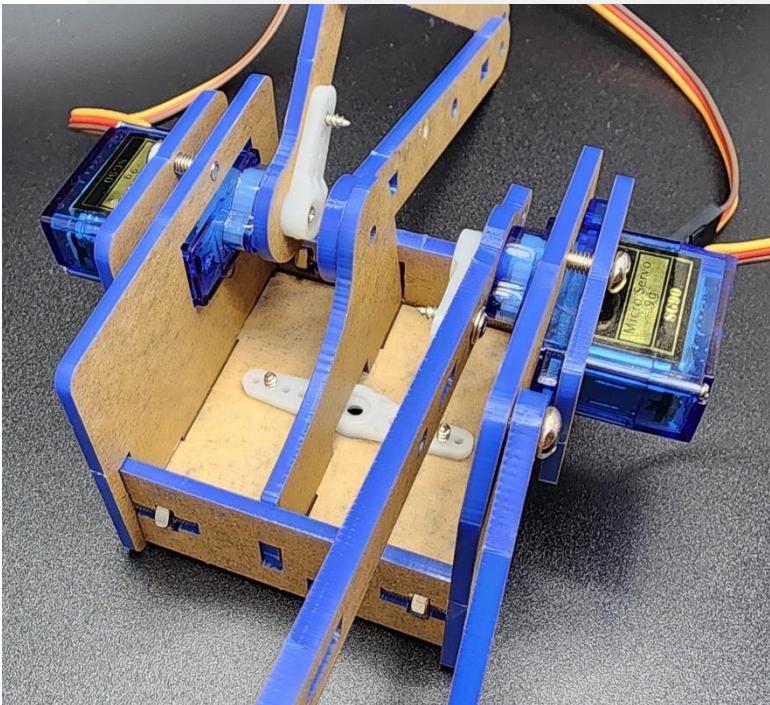


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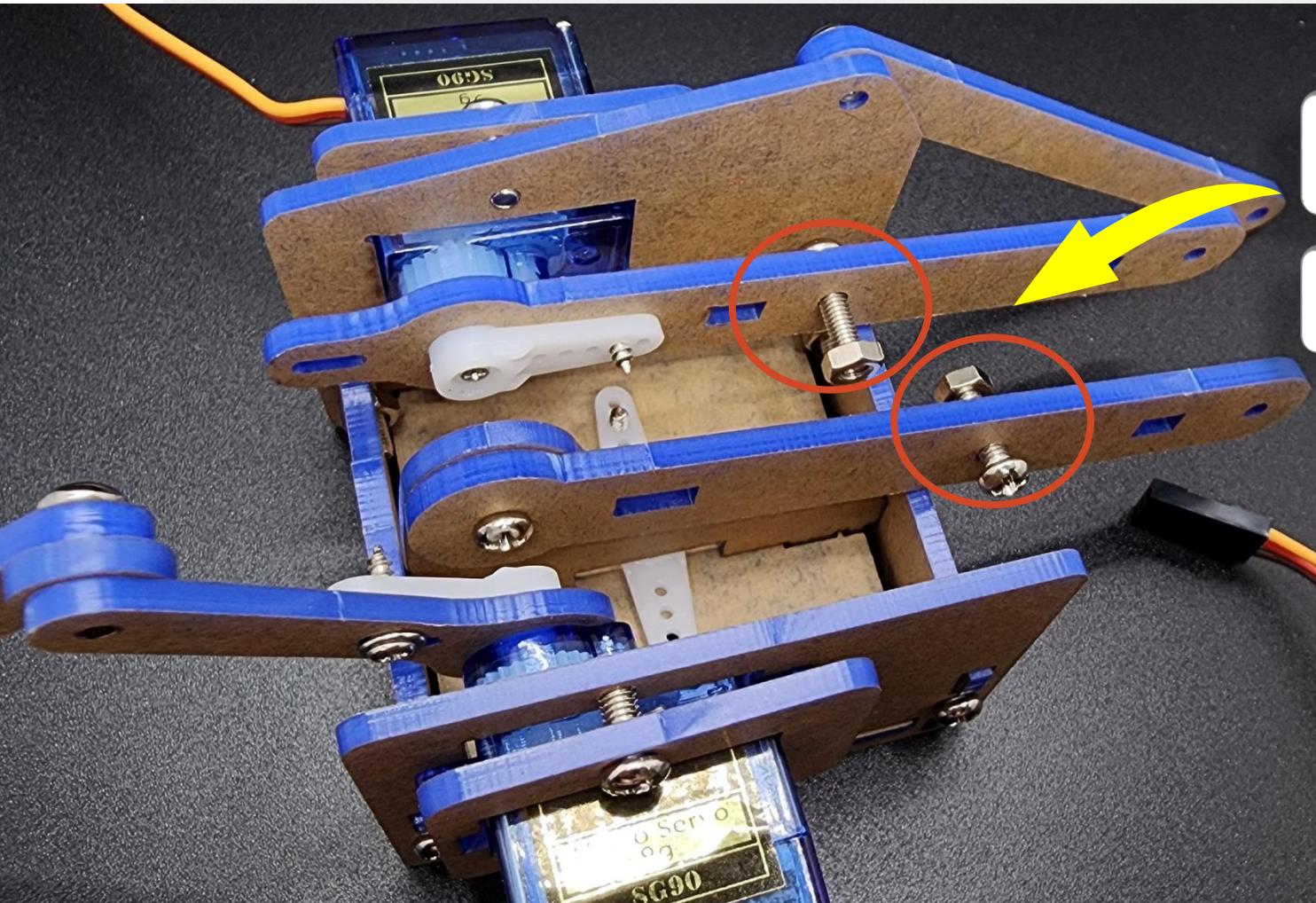
Arduino 4Dof Robot Arm 제작과정



Arduino 4Dof Robot Arm 제작과정



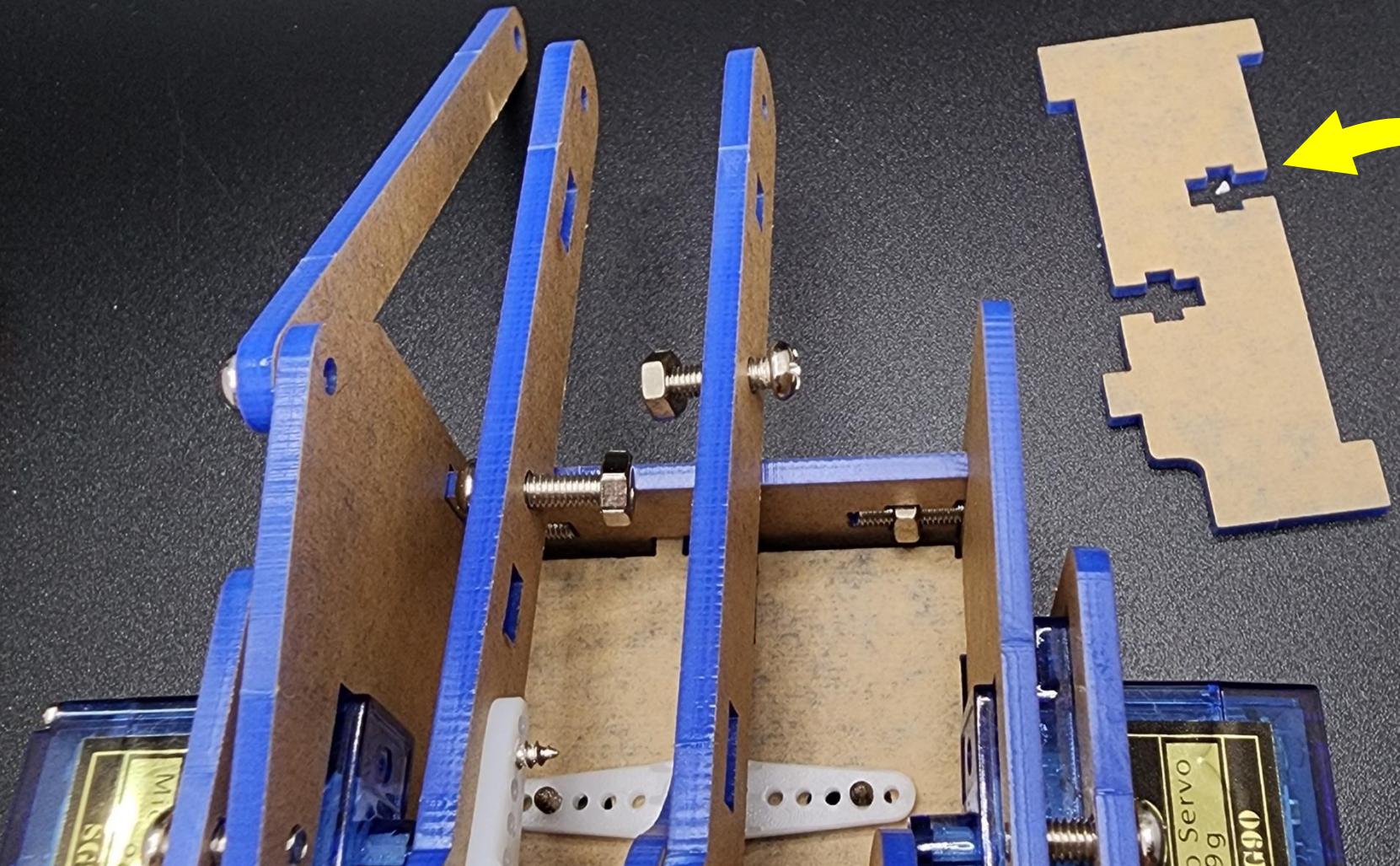
Arduino 4Dof Robot Arm 제작과정



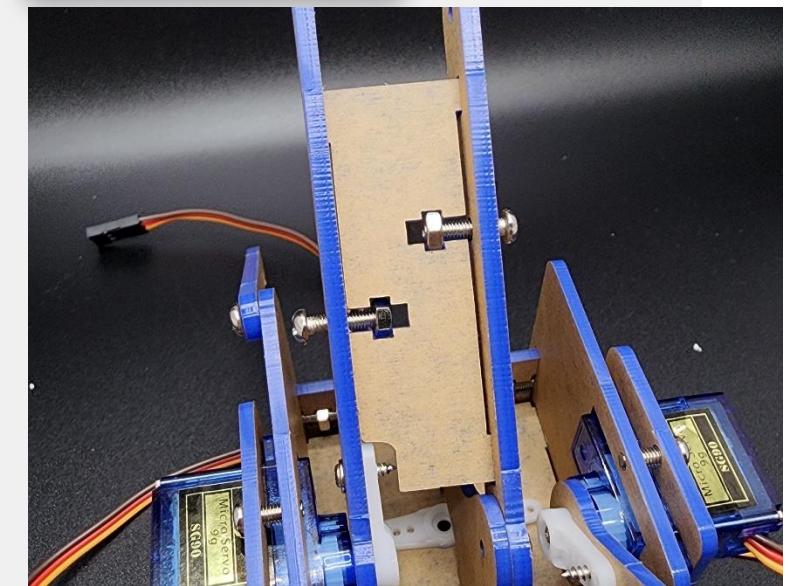
M3 * 12 - 2개
너트 - 2개

너트는 끝쪽으로 연결만

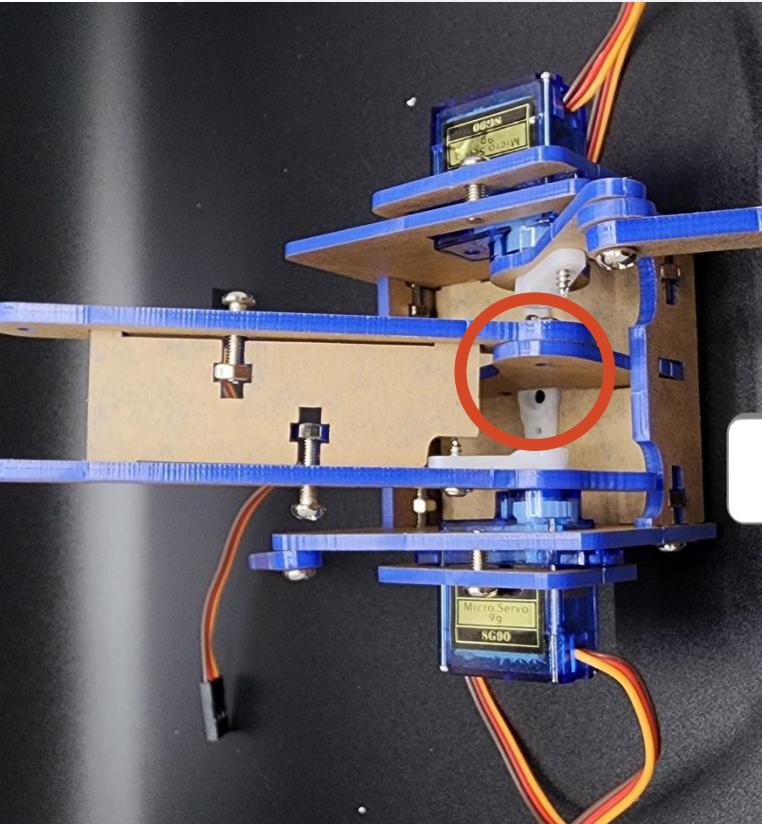
Arduino 4Dof Robot Arm 제작과정



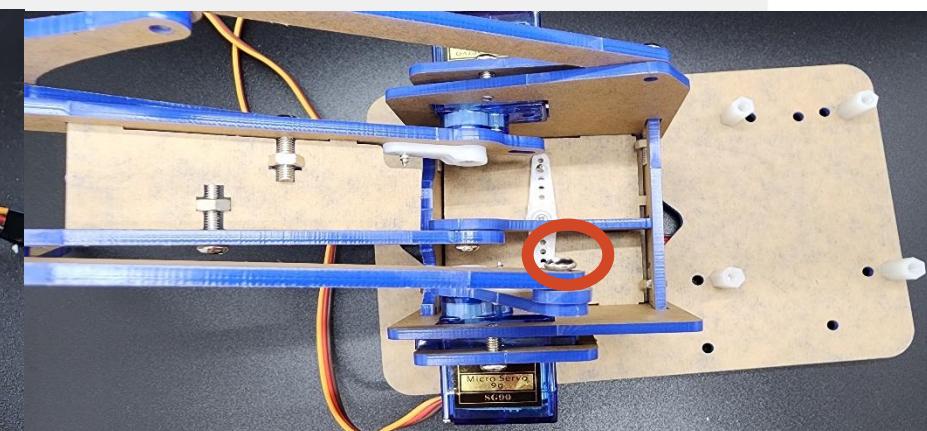
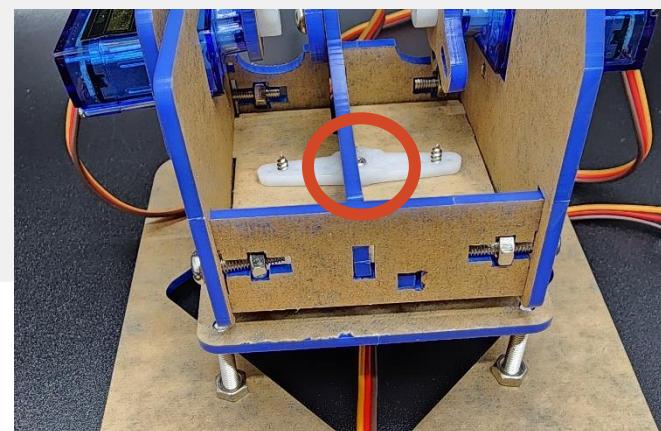
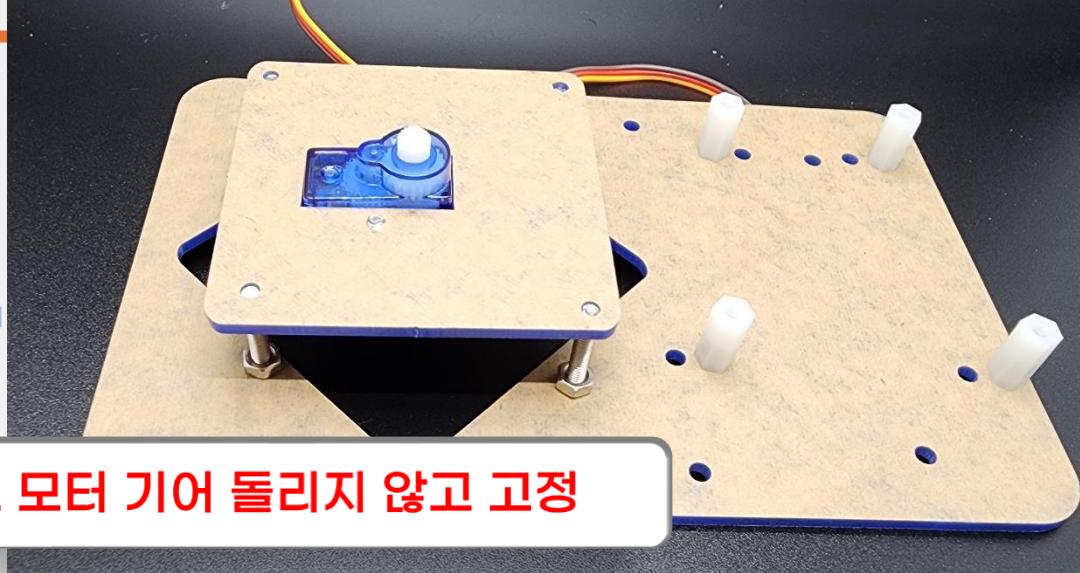
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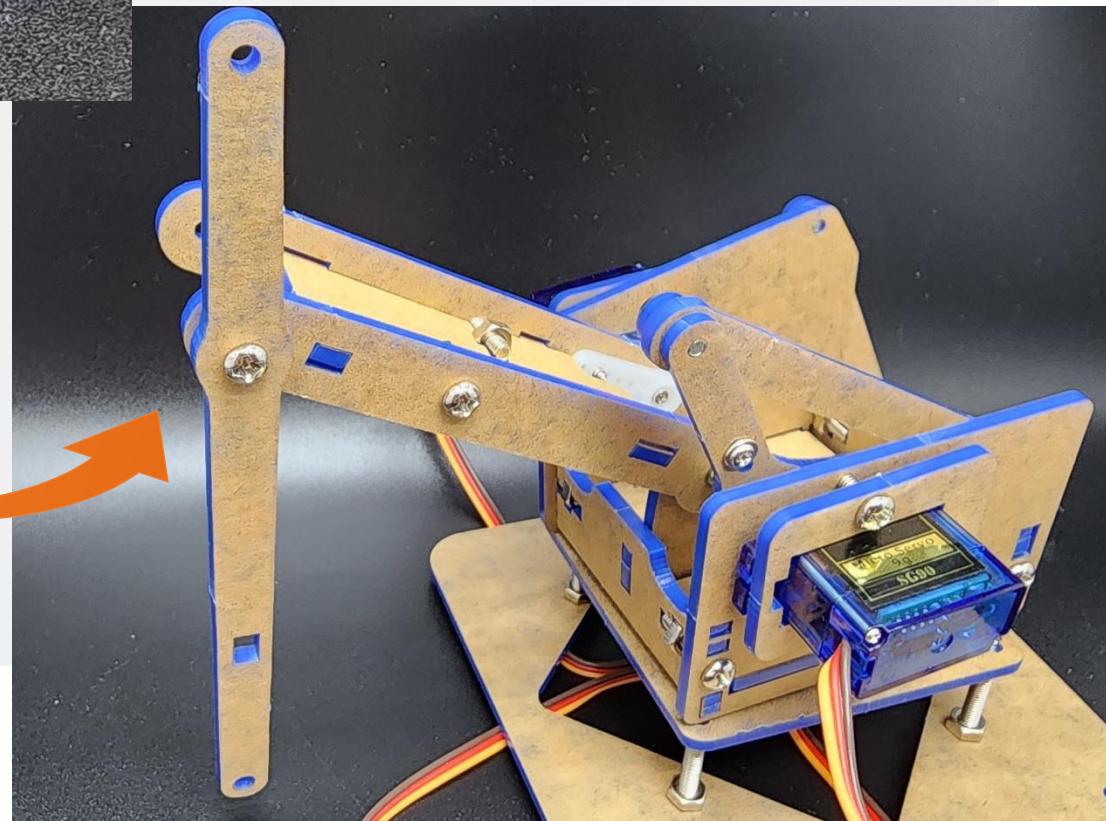
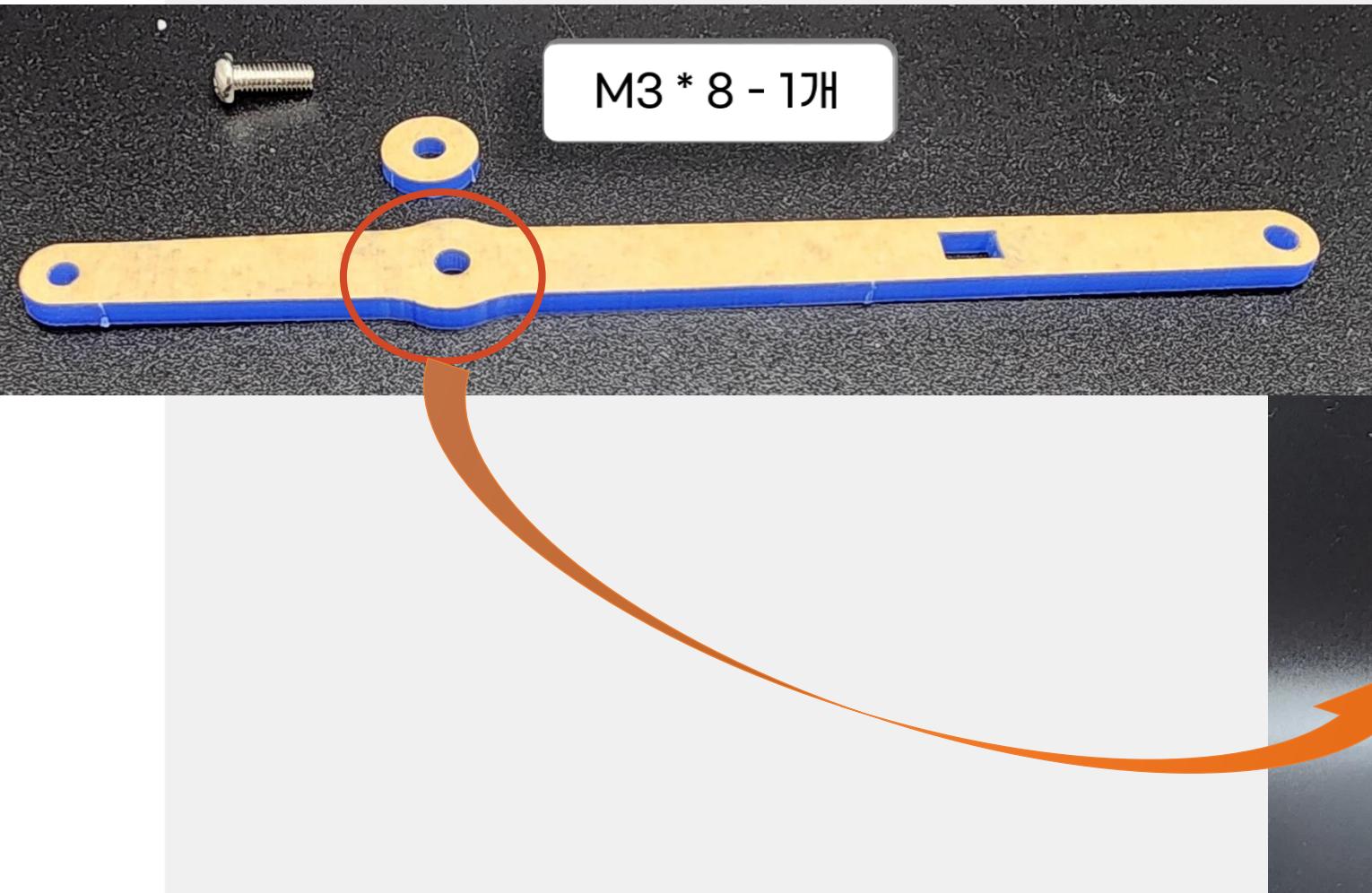
Arduino 4Dof Robot Arm 제작과정



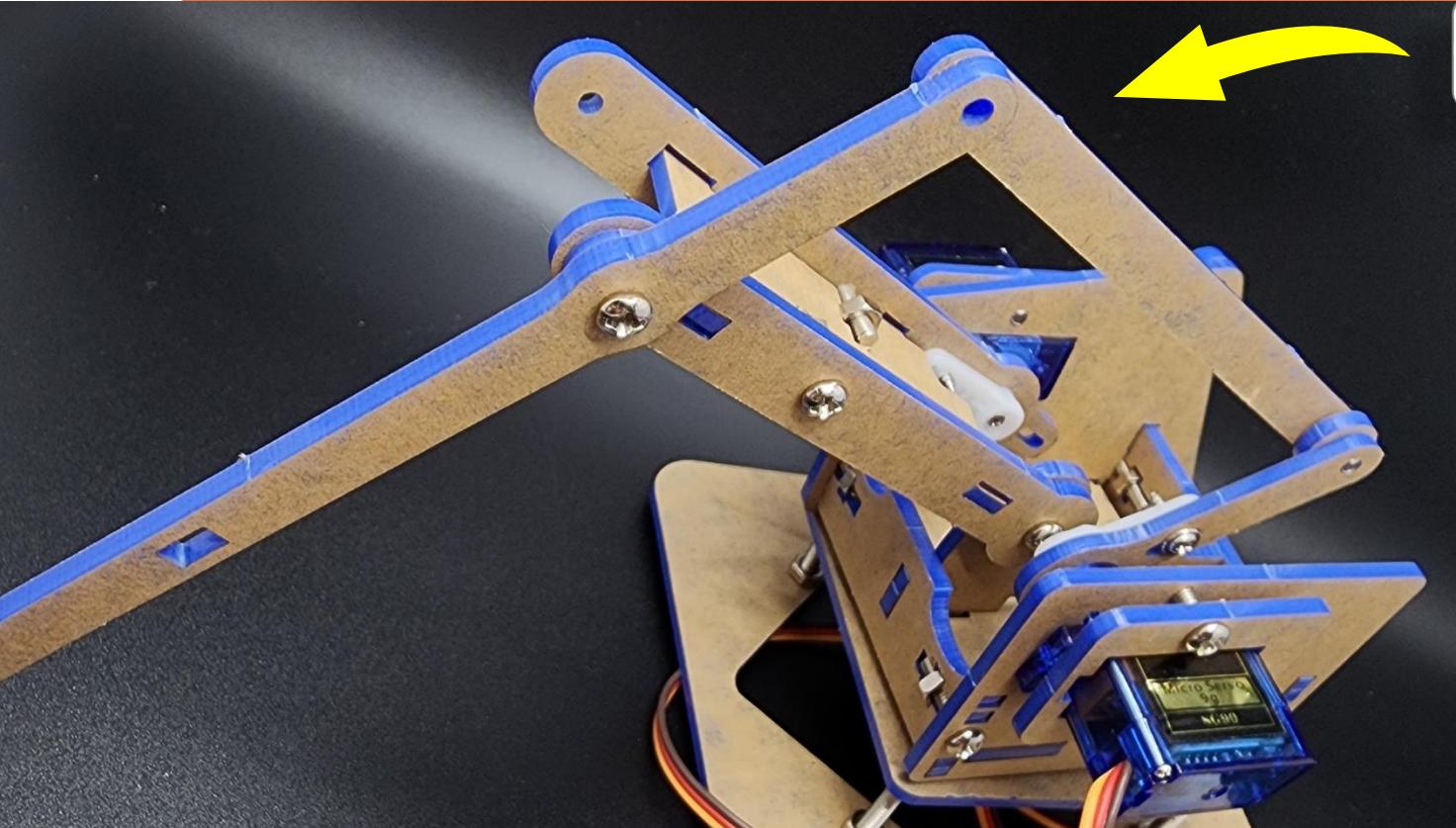
서보 모터 기어 돌리지 않고 고정



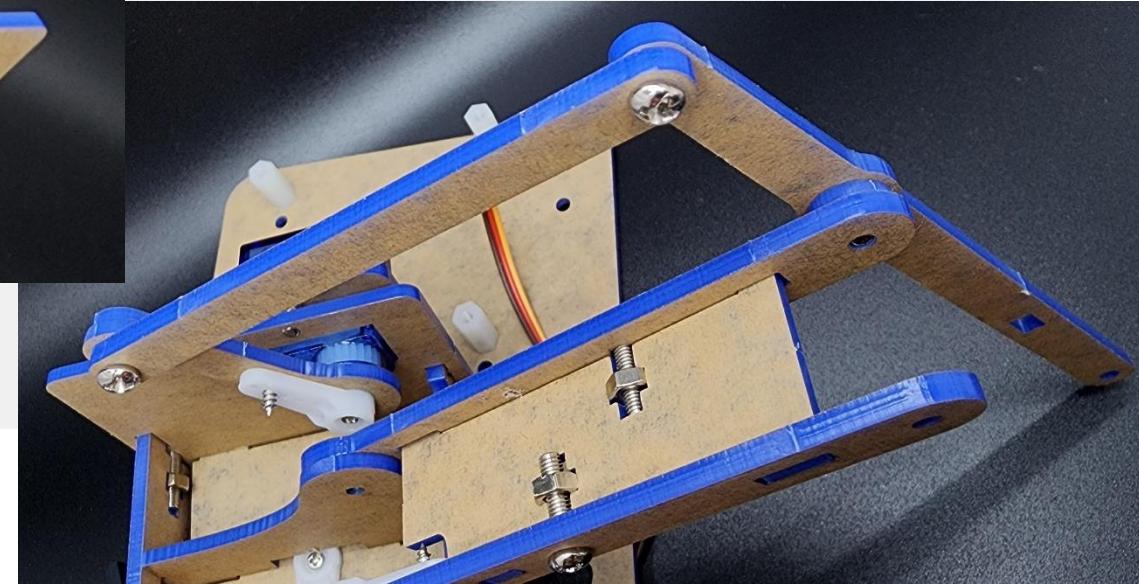
Arduino 4Dof Robot Arm 제작과정



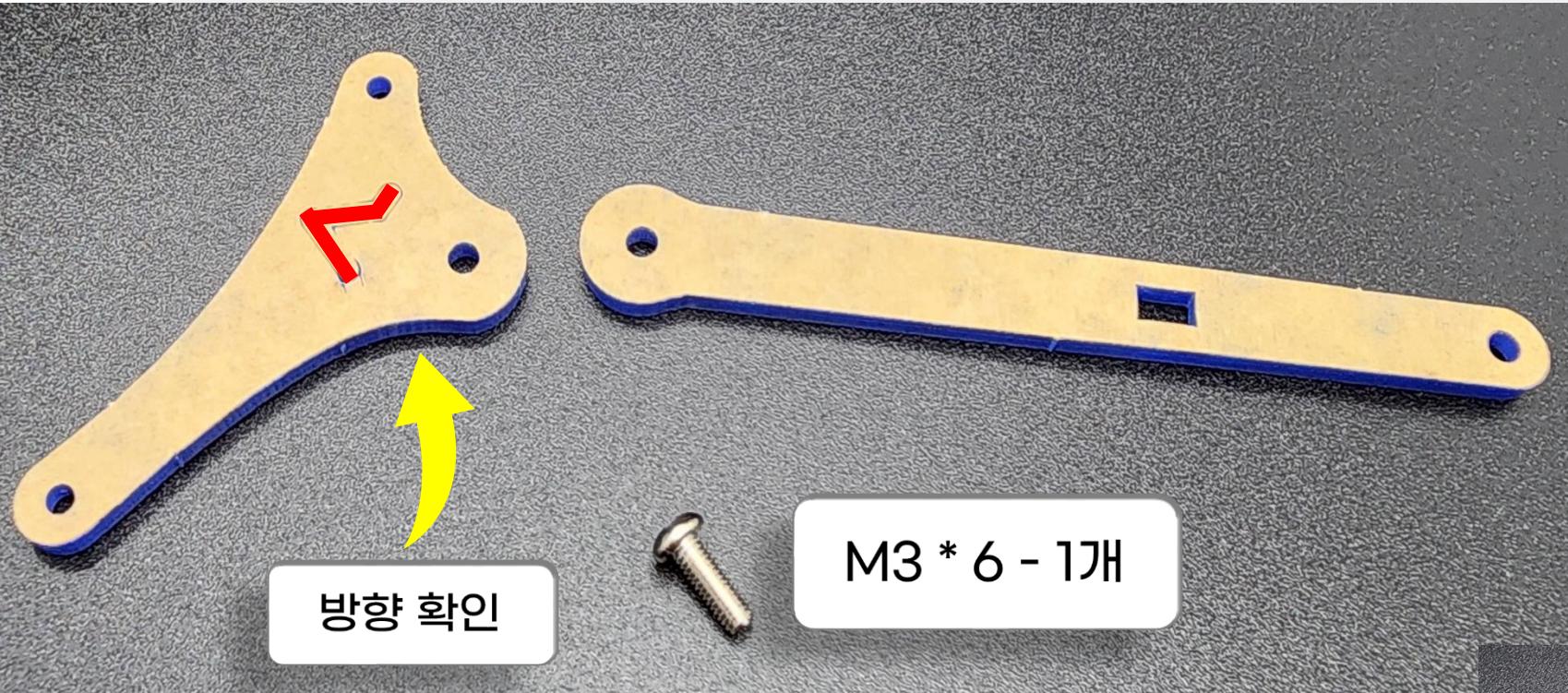
Arduino 4Dof Robot Arm 제작과정



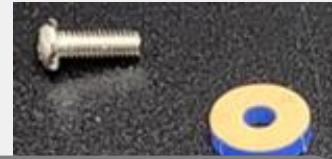
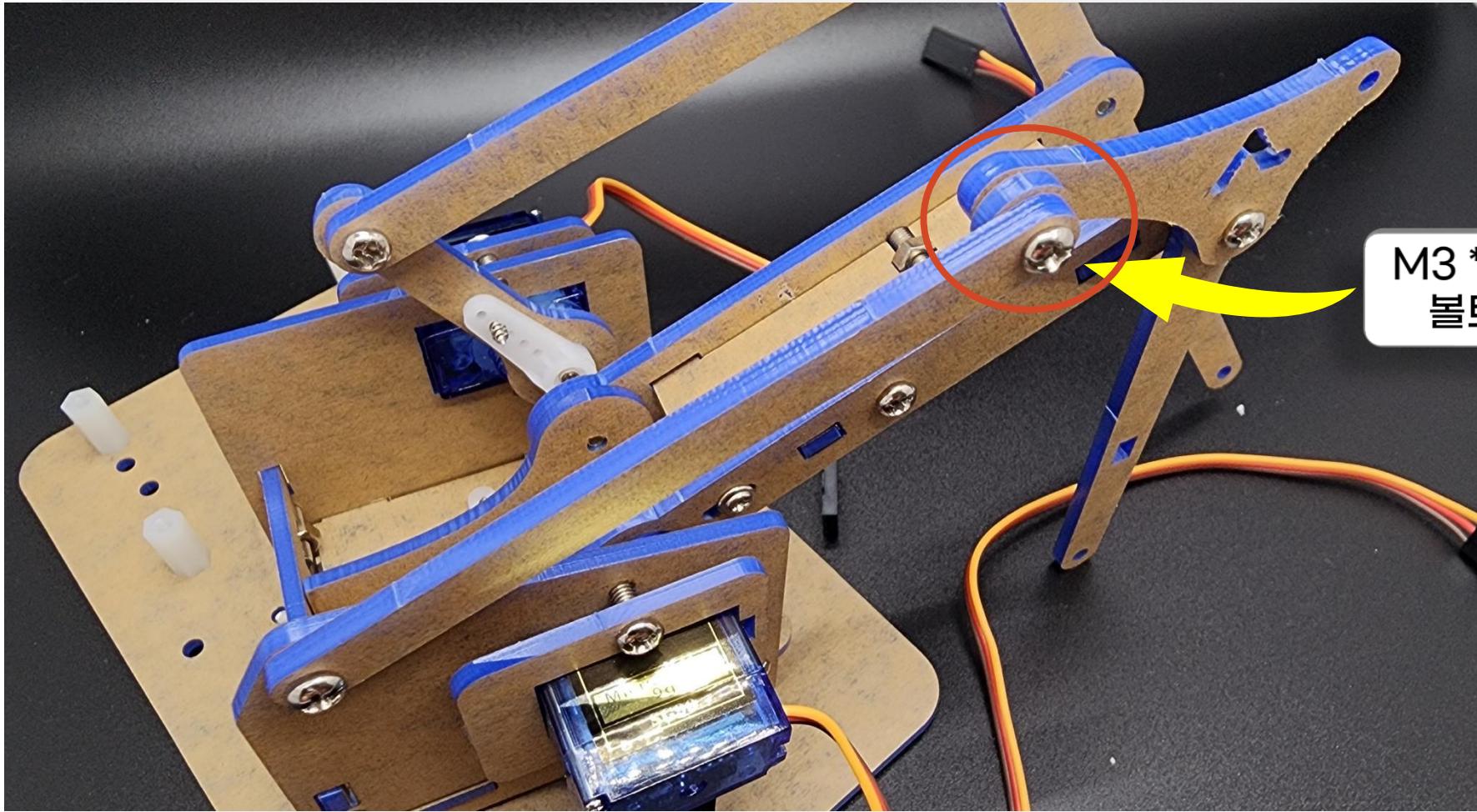
M3 * 8 - 1개



Arduino 4Dof Robot Arm 제작과정

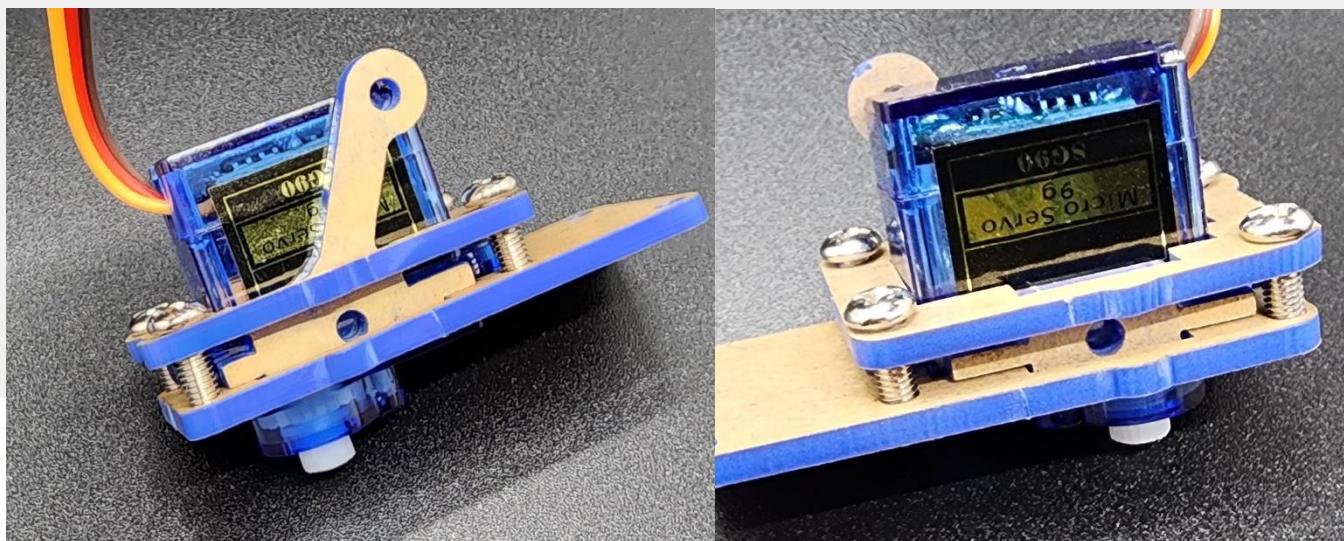
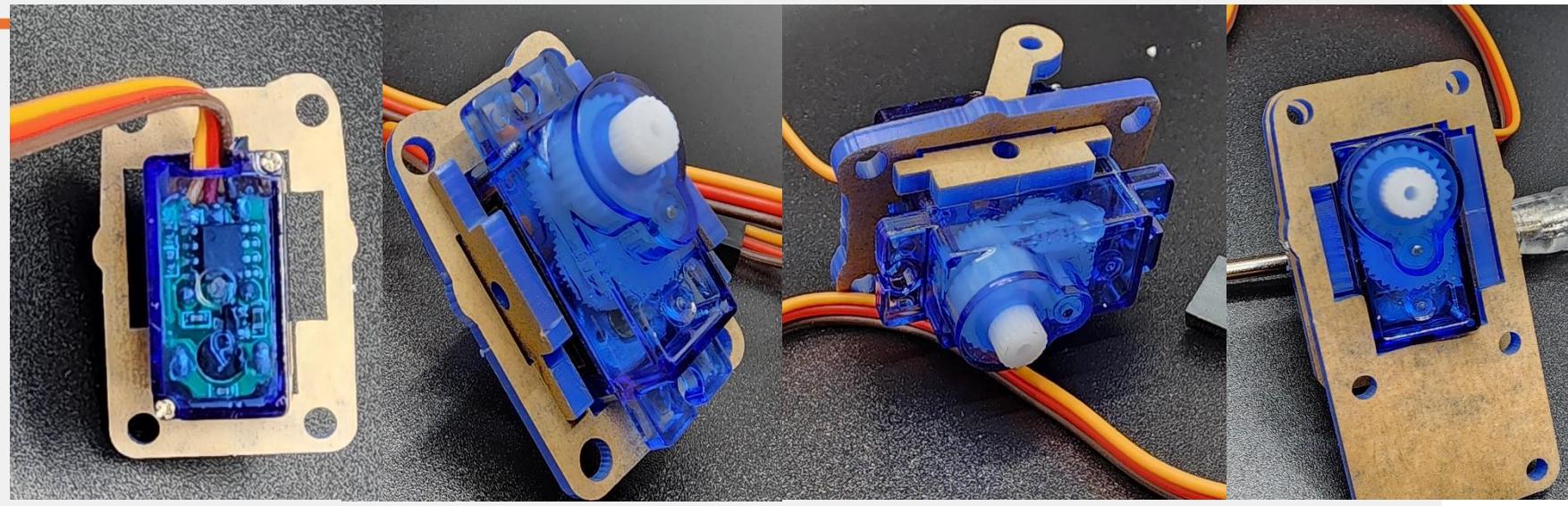
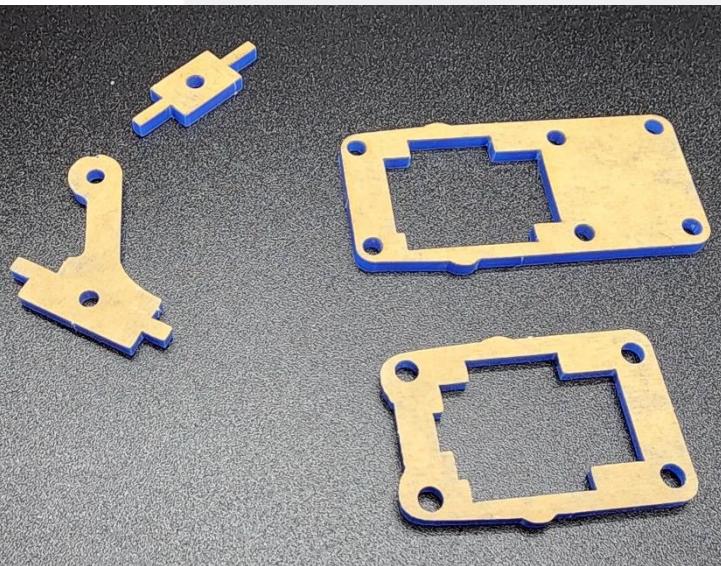


Arduino 4Dof Robot Arm 제작과정

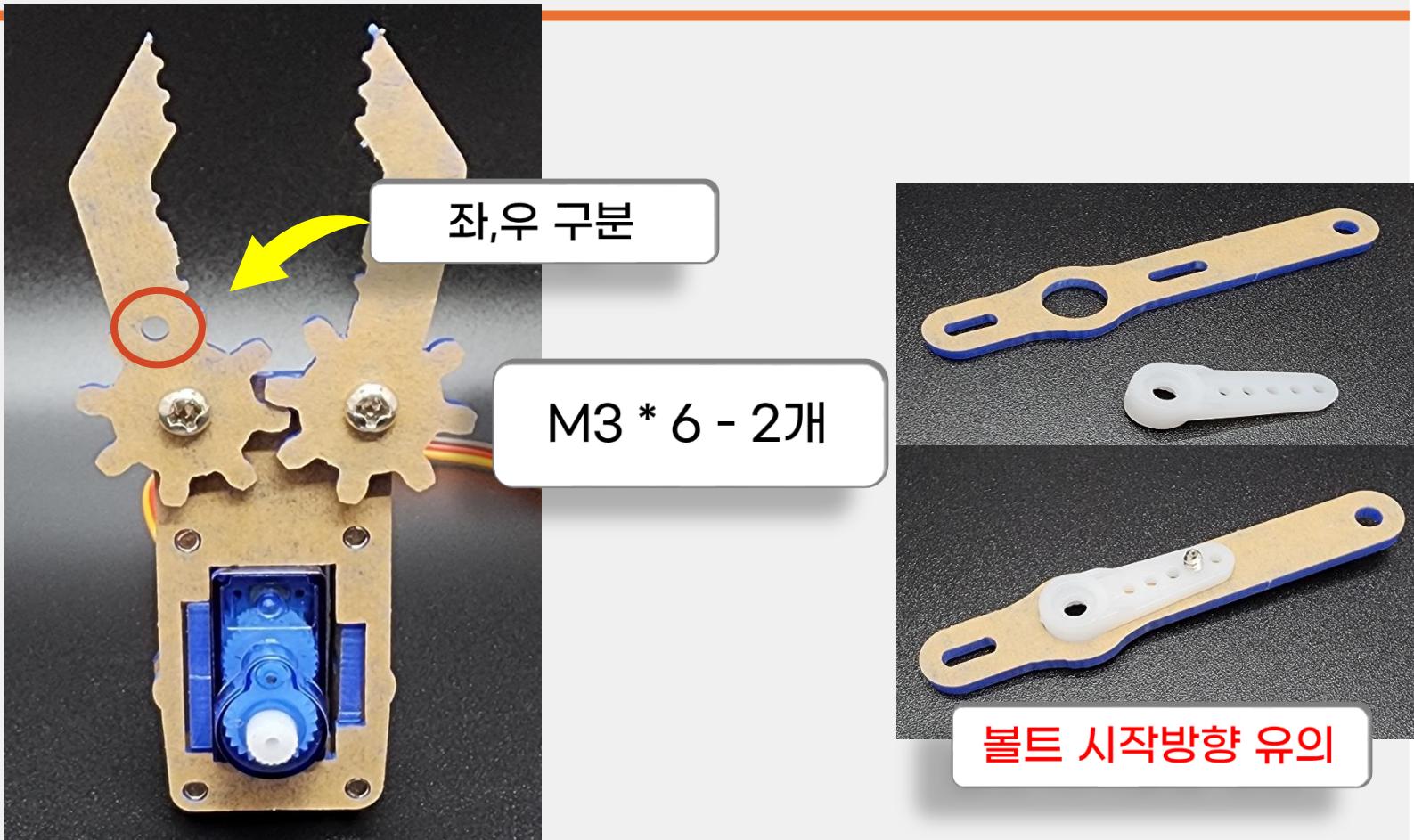


M3 * 8 - 1개, 스페이서
볼트 시작방향 유의

Arduino 4Dof Robot Arm 제작과정

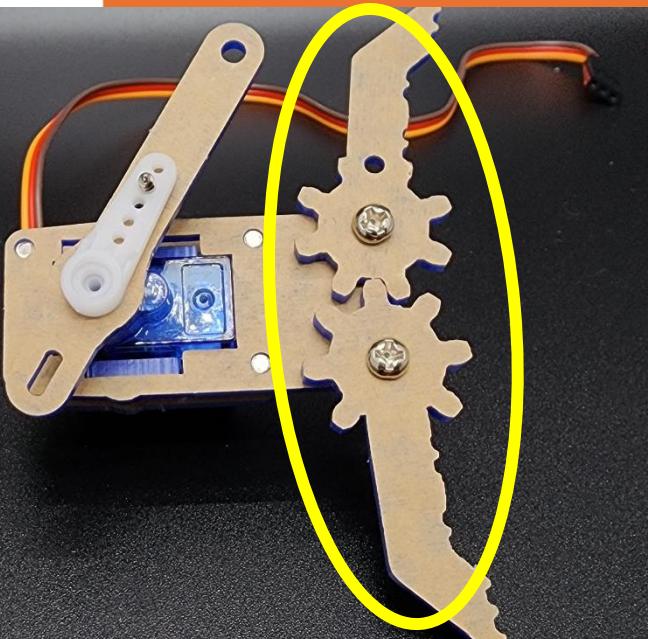


Arduino 4Dof Robot Arm 제작과정

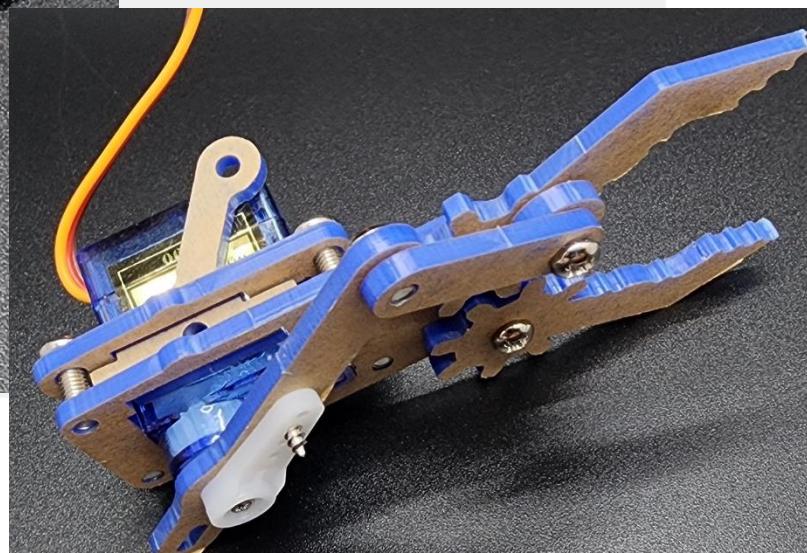
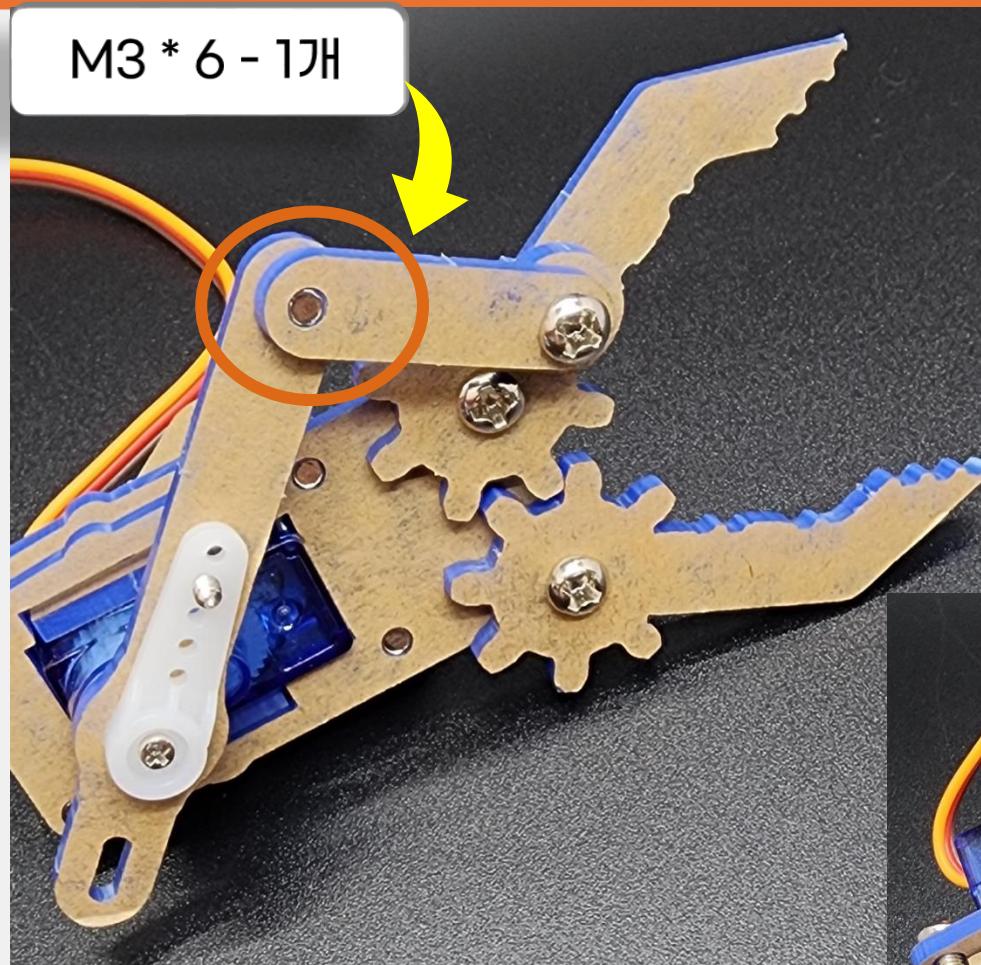


M3 * 8 - 1개

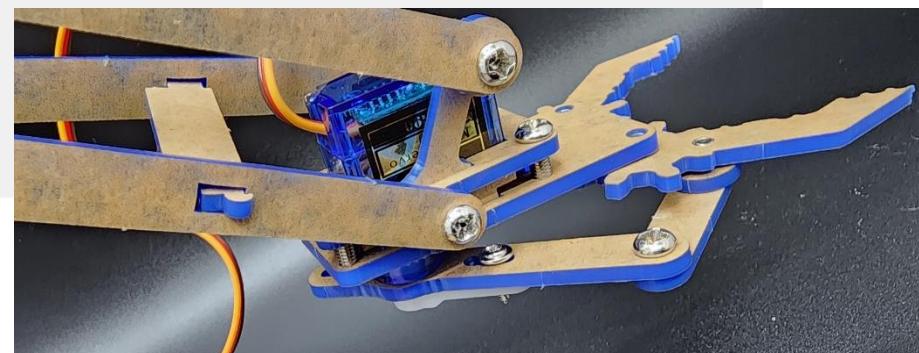
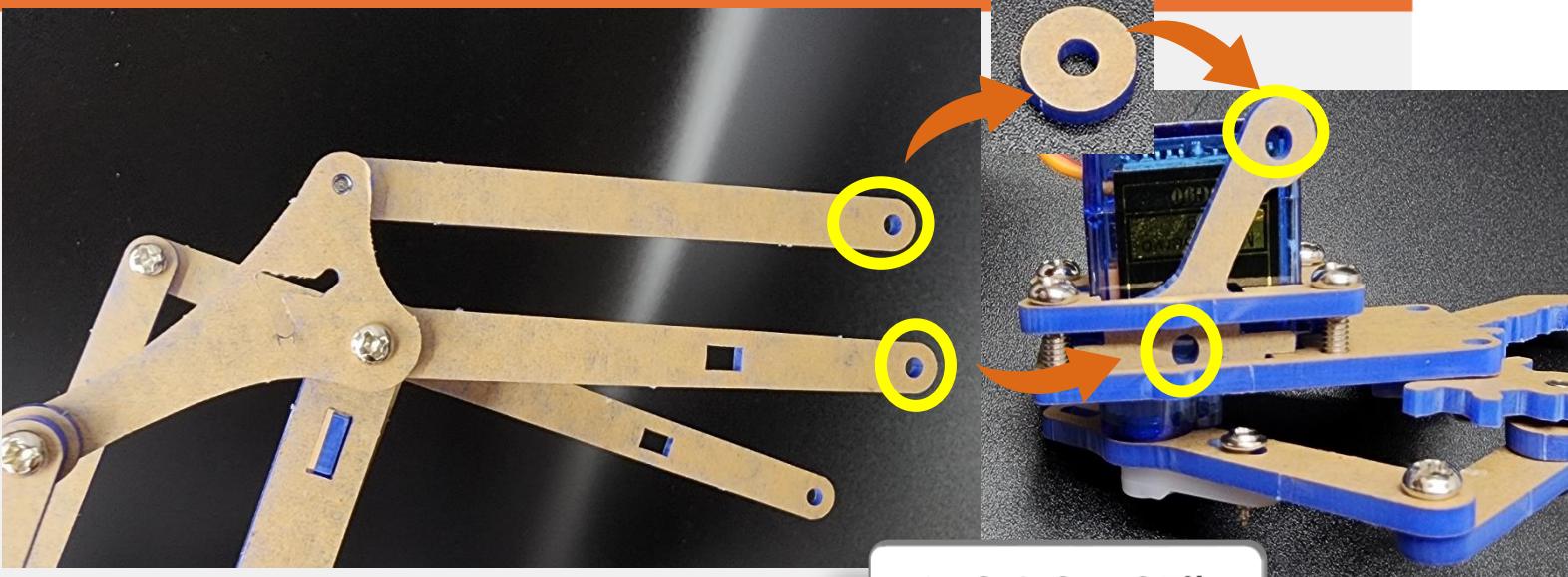
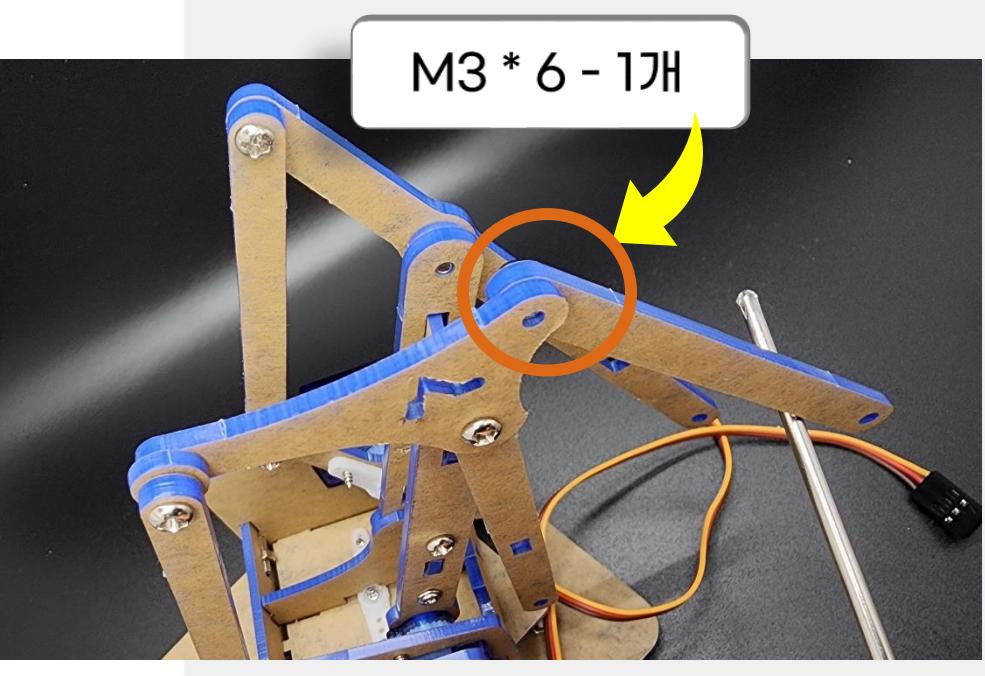
Arduino 4Dof Robot Arm 제작과정



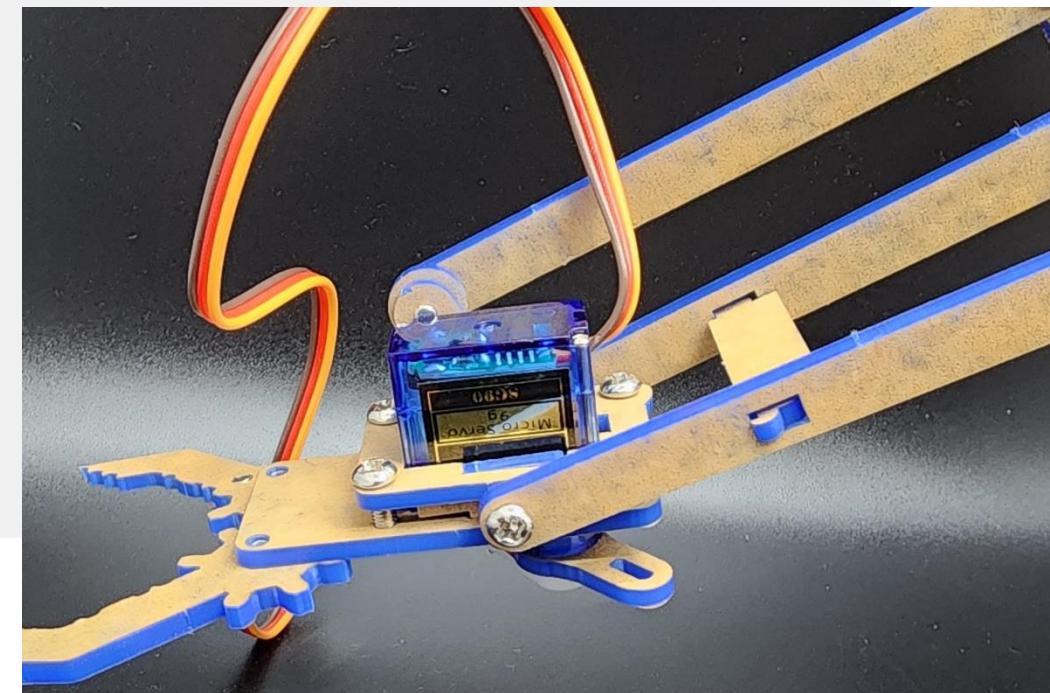
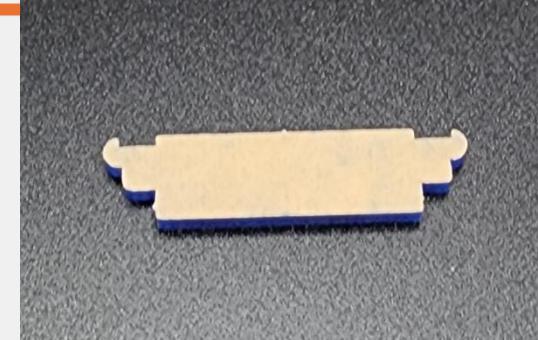
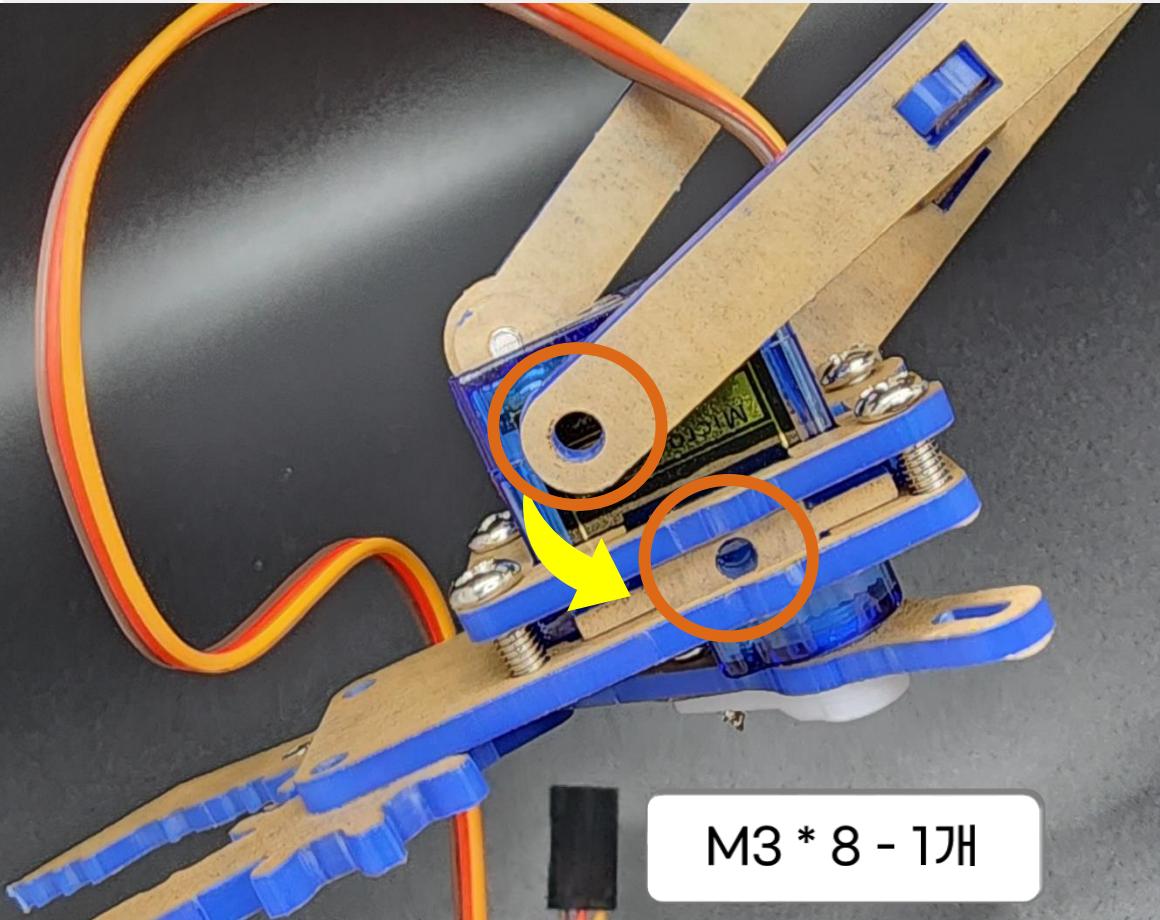
서보 모터 기어 돌리지 않고 고정
집게를 일직선으로 만든 뒤 진행



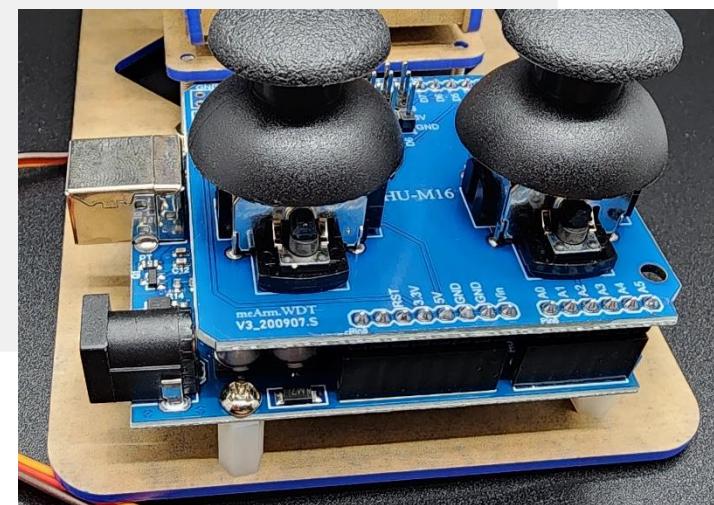
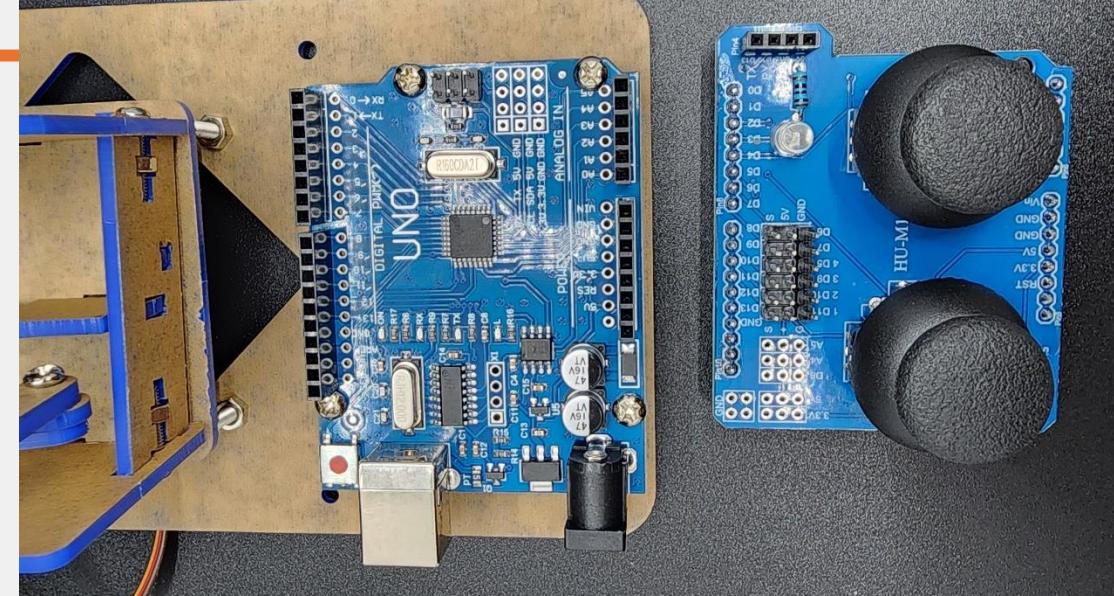
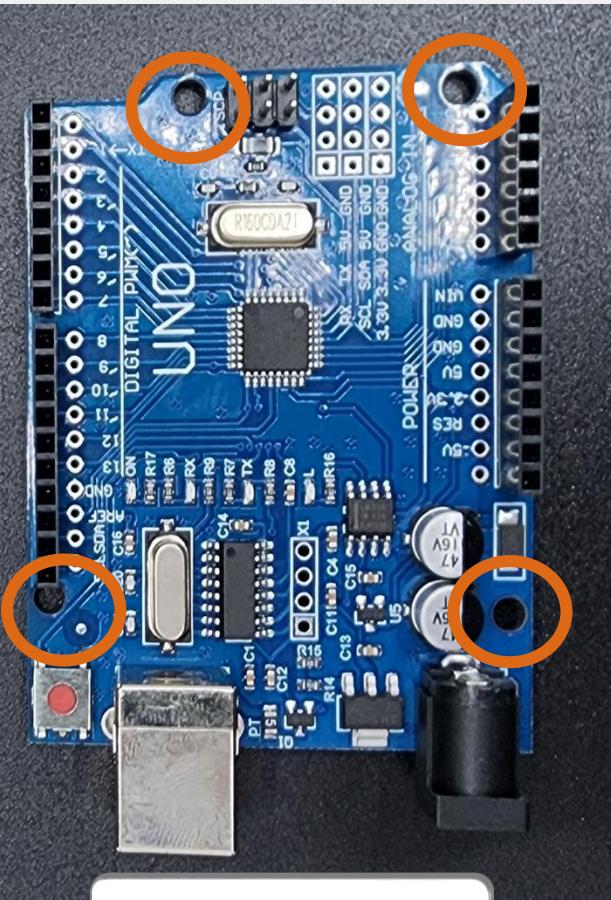
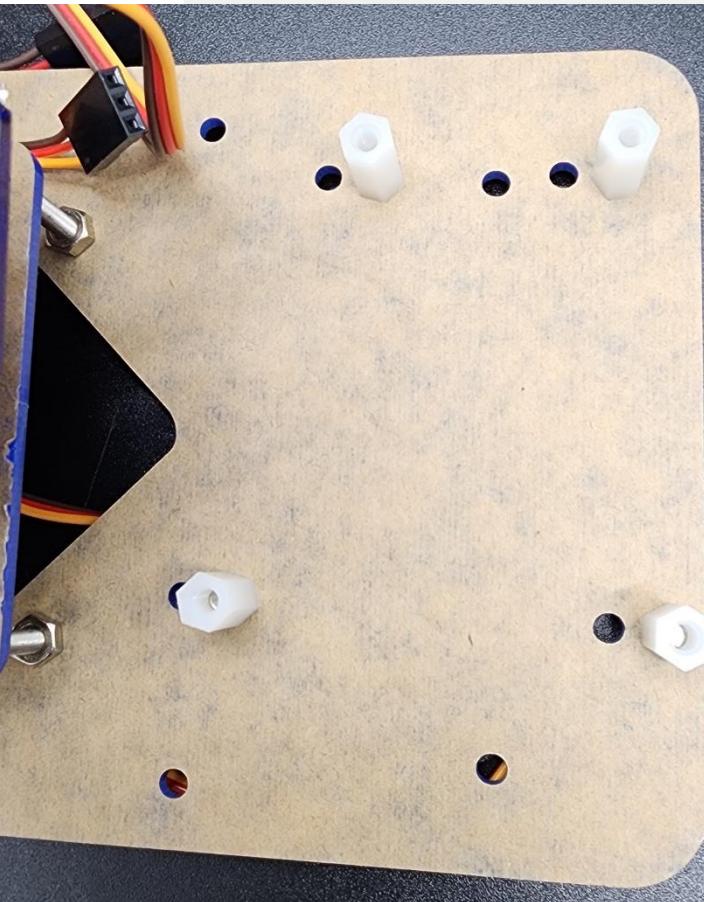
Arduino 4Dof Robot Arm 제작과정



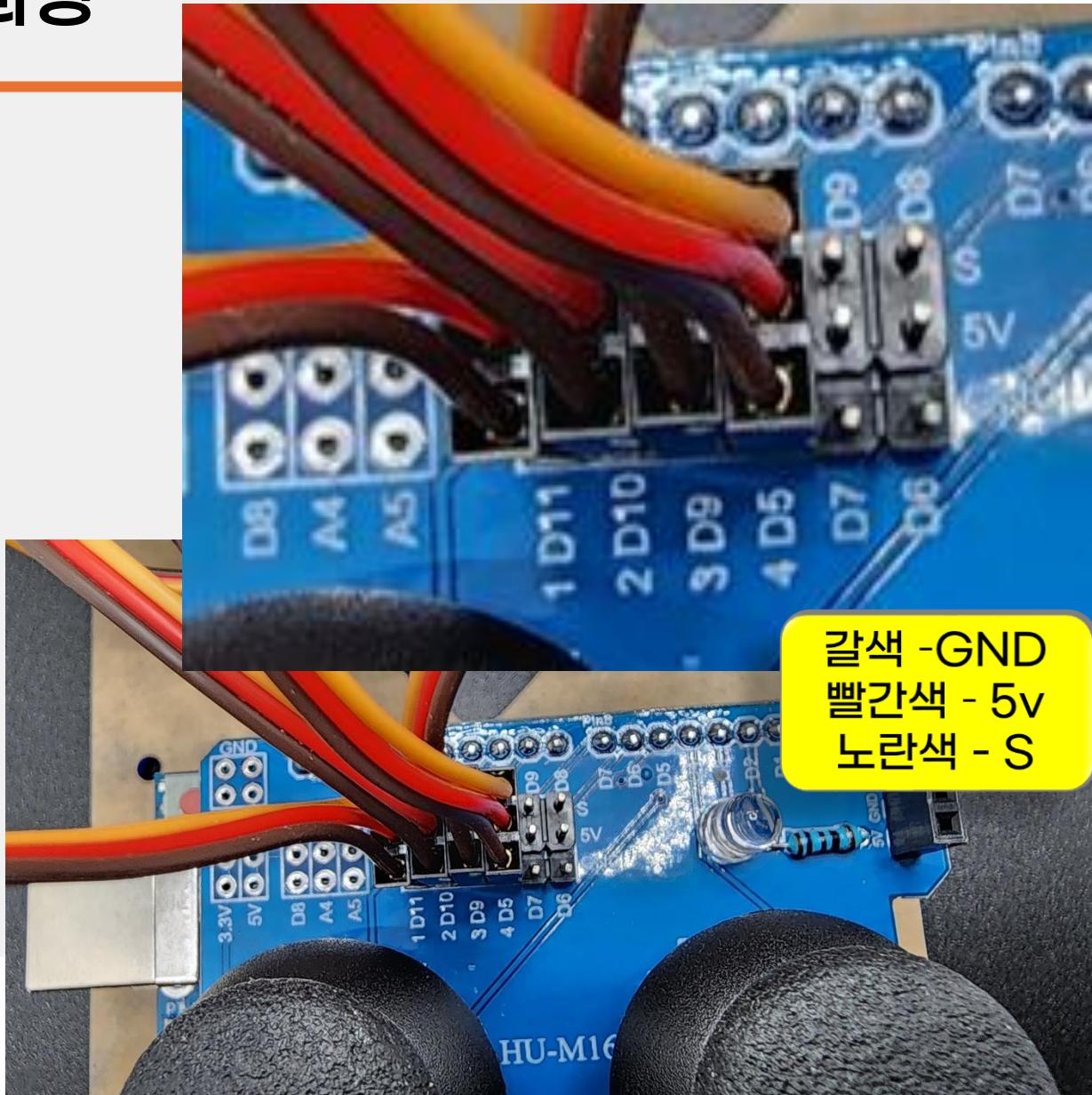
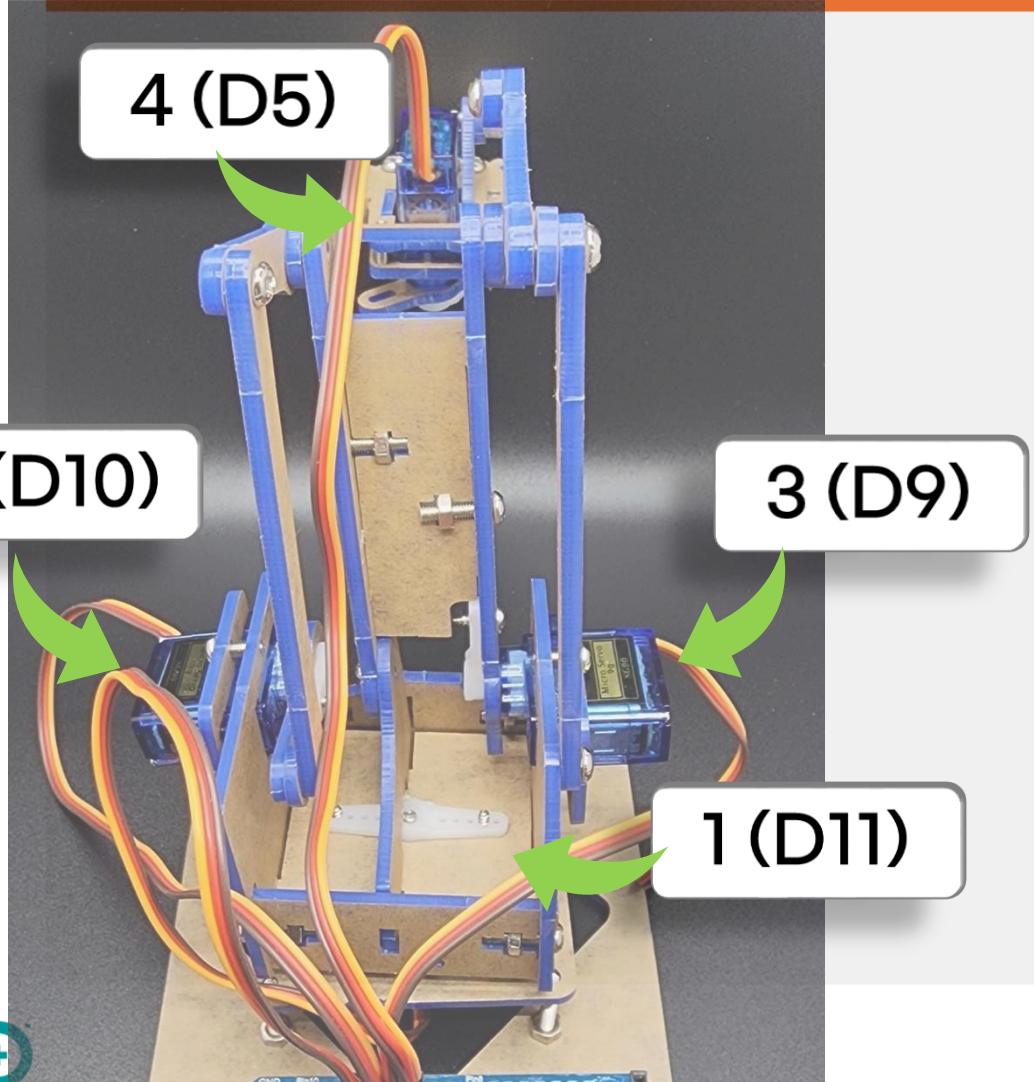
Arduino 4Dof Robot Arm 제작과정



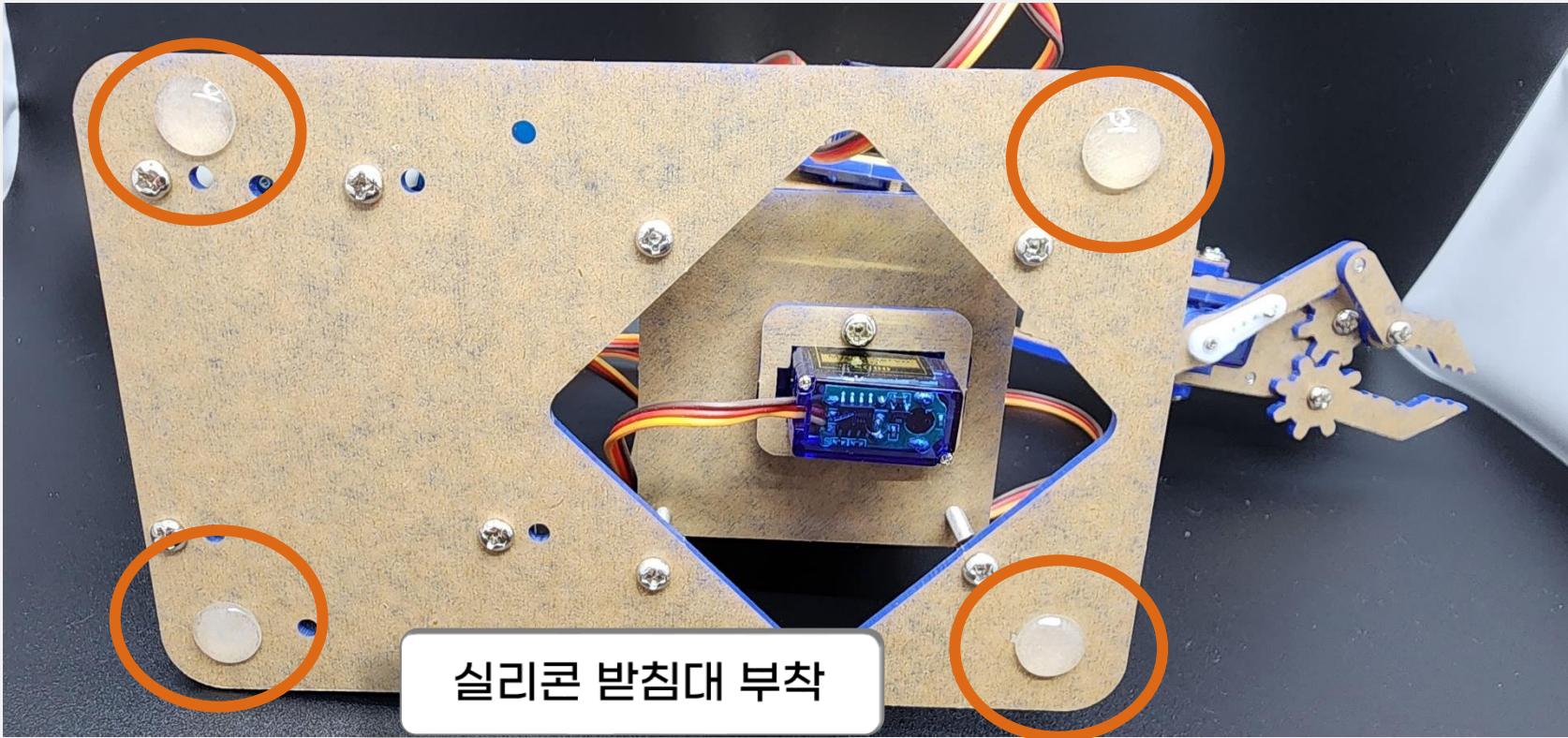
Arduino 4Dof Robot Arm 제작과정



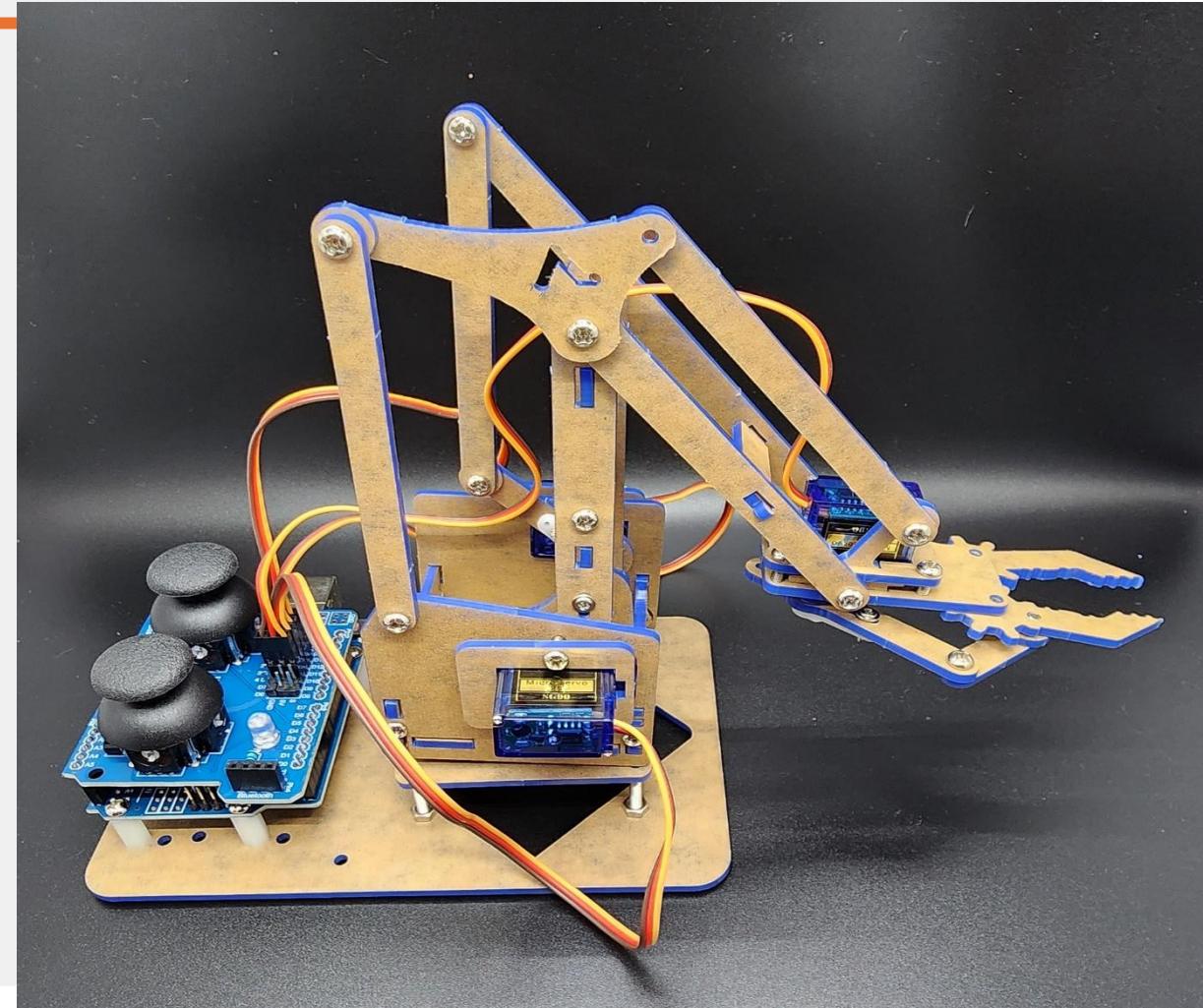
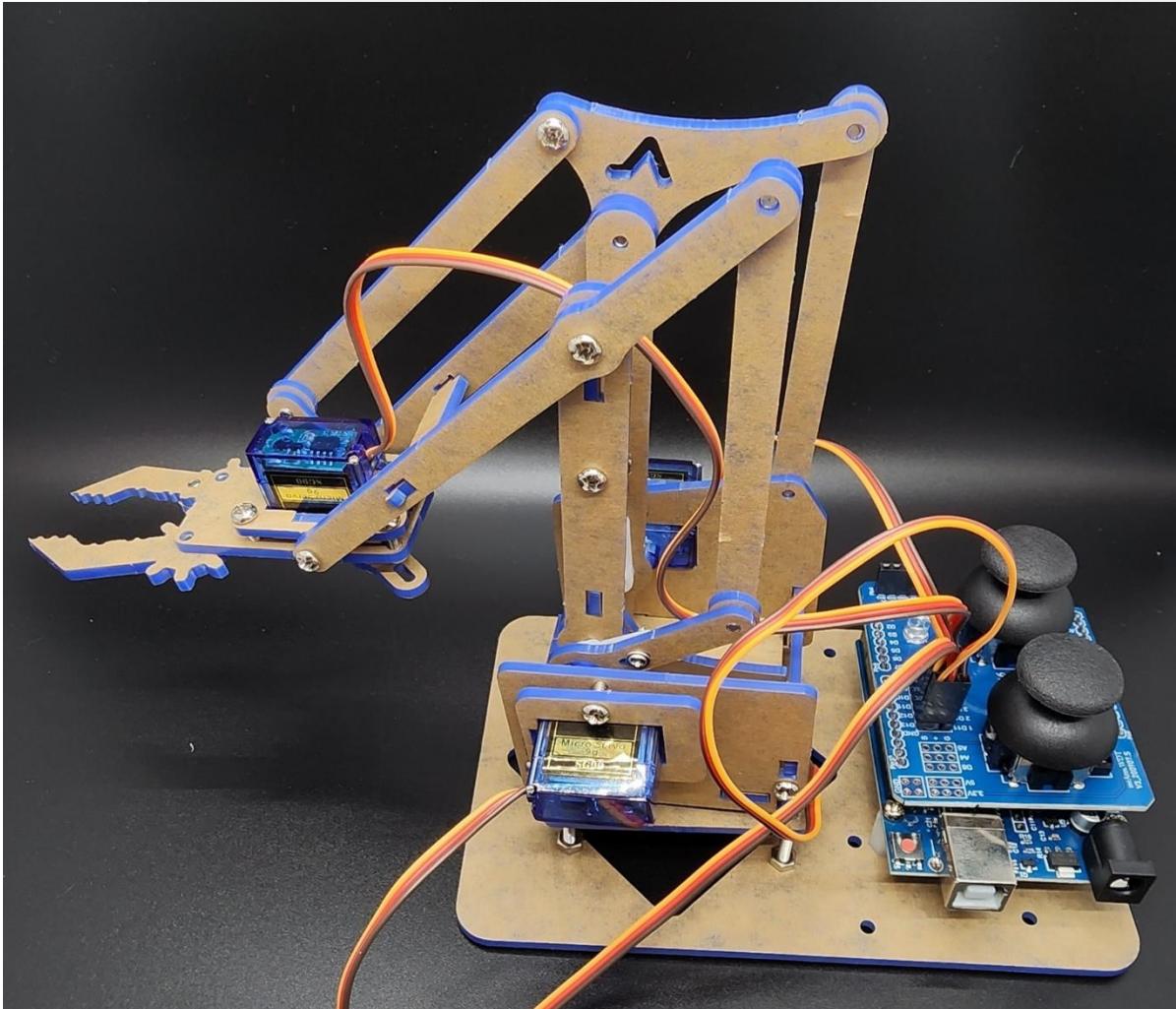
Arduino 4Dof Robot Arm 제작과정



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<https://github.com/Leesoomi>

수고하셨습니다.