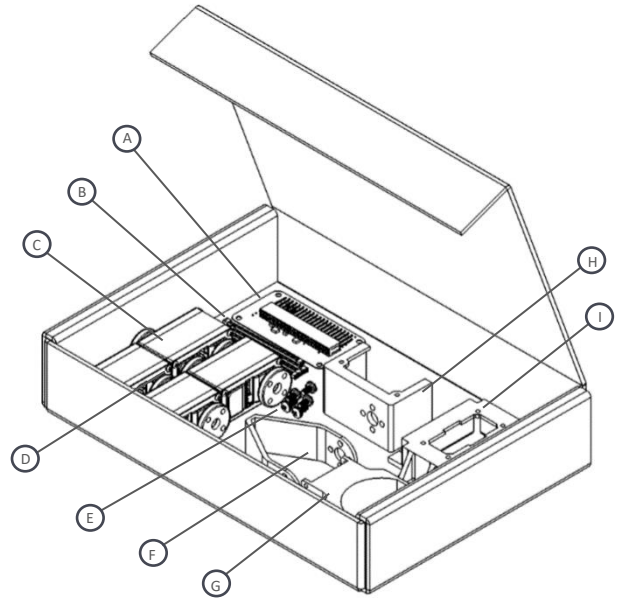


ASSEMBLY GUIDE

- CLOSE

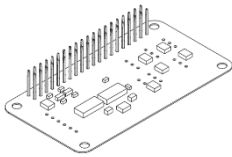


- OPEN



- PART LIST

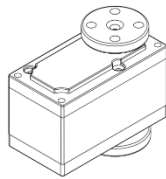
A. Commerson
x1



B. Motor Cables
x4



C. Smart Servo
Motors X 4



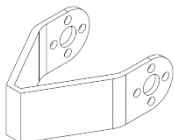
D. Motor Screw
(M2X11 or
#1x3/8"
Sheetmetal
screw, 8 per
motor)



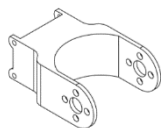
E. Machine
Screw
(M3x6, 8 per
motor)



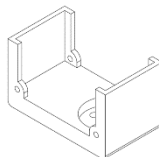
F. SAMPLE
BRACKET1 X 1



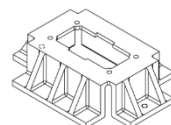
G. SAMPLE
BRACKET2 x 2



H. SAMPLE
BRACKET3 X 1



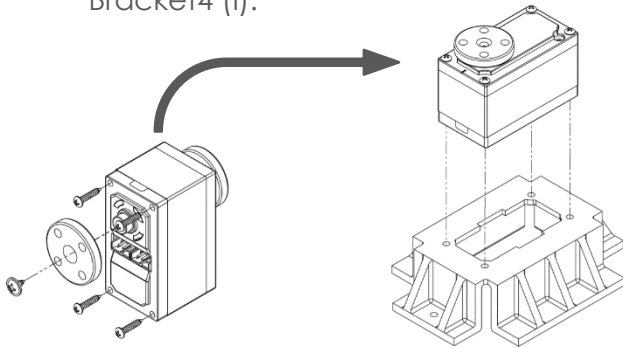
I. SAMPLE
BRACKET4 X 1



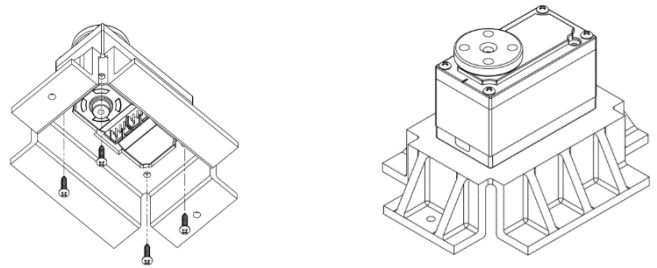
Note: Brackets are 3d printed. Kit meant for makers to utilize motors for their own convenience

• MOTOR AND SAMPLE BRACKET ASSEMBLY

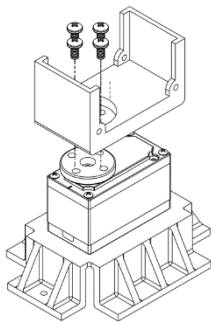
1. Unscrew Bearing hub out of one of the motors, all Motors Screws (D) as shown below. Then, Align Motor to Sample Bracket4 (I).



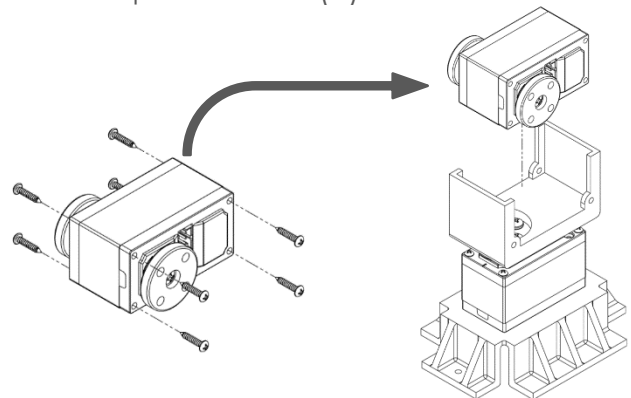
2. Screw Motor Screws (D) to secure Sample Bracket4 (I) to Motor (C).



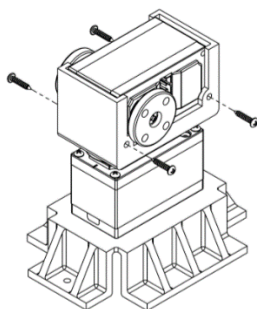
3. Use Machine Screws (E) to attach Sample Bracket3 (H) to Motor (C).



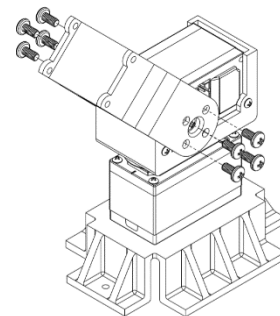
4. Unscrew Motors Screws (D) from one of the Motor (C), the Insert motor into Sample Bracket3 (H).



5. Use Motor Screws (D) to attach Motor (C) to Sample Bracket3 (H).



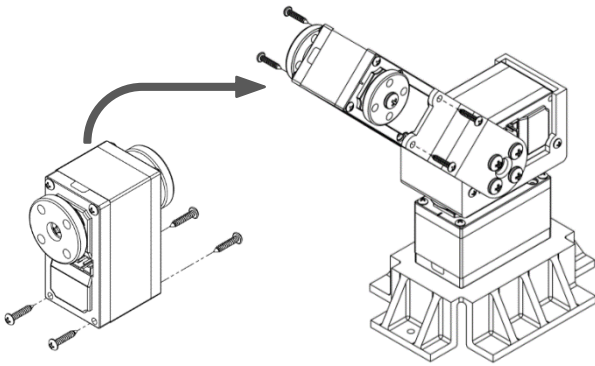
6. Use Sample Bracket2 (G) and attach it to Motor (C) by using Machine Screws (E).



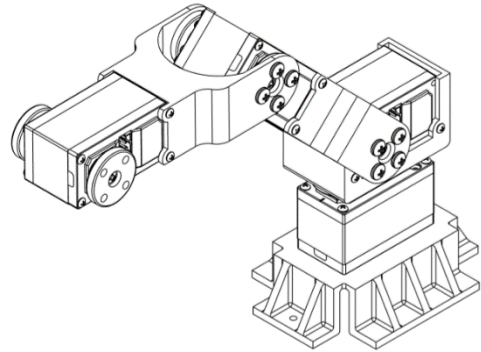
Note: Brackets are 3d printed. Kit meant for makers to utilize motors for their own convenience

- MOTOR AND SAMPLE BRACKET ASSEMBLY

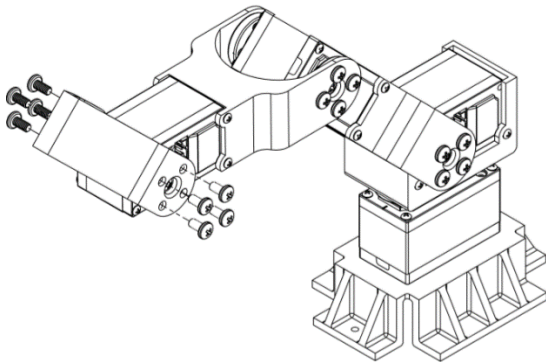
7. Unscrew bottom Motor Screws (D), and attach Motor (C) to Sample Bracket2 (G)



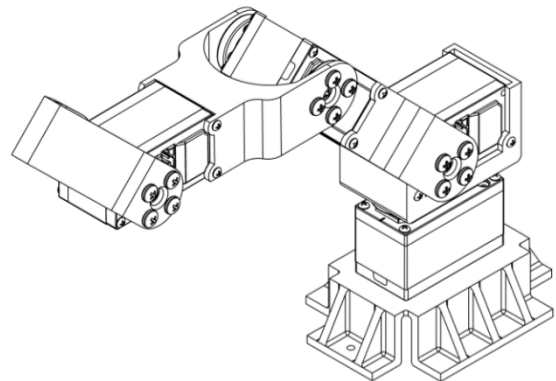
8. Repeat Step 6 & 7 to Attach Sample Bracket3 (G) to Motor(C).



9. Use Sample Bracket (F) to attach to Motor (C)



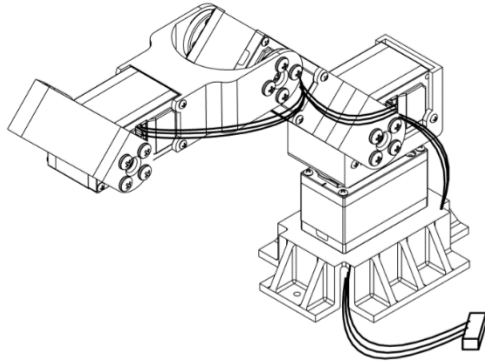
10. Final assembly completed



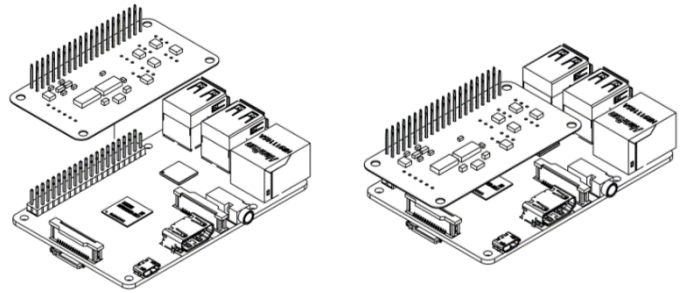
Note: Brackets are 3d printed. Kit meant for makers to utilize motors for their own convenience

- MOTOR, COMMERSION AND RASPBERRY PI WIRING

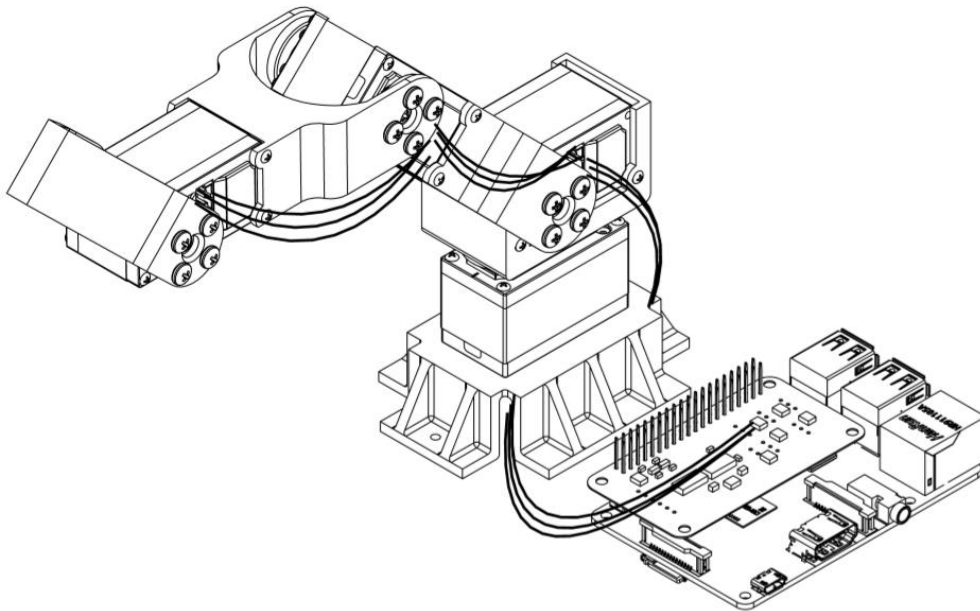
1. Use Cables (B) to daisy Chain Motors.



2. Use Commerson (A) and mount on top of Raspberry pie (others),



3. Finally connect Motor Cable(B) to Commerson (A)



Note: Daisy Chain not necessary. Smart servo motors can be connected to Commerson separately