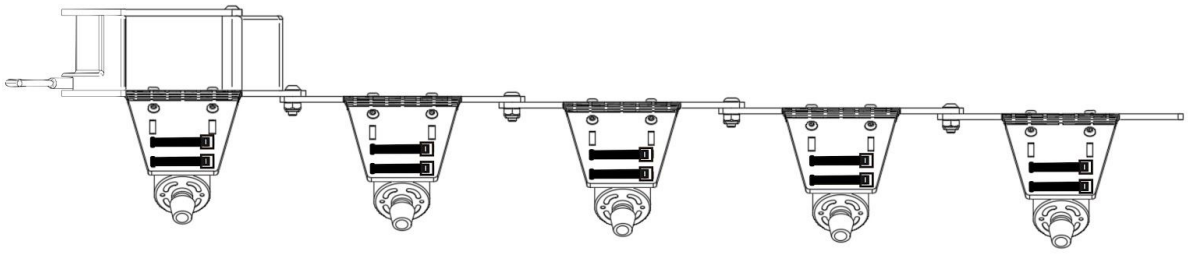
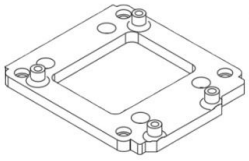
Build Modules

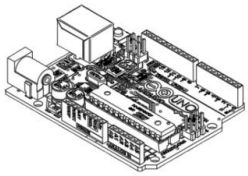
Items required:



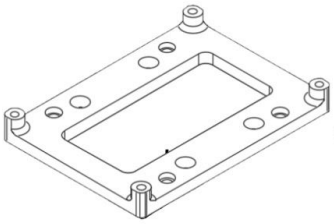
Make-A-Pede Chassis



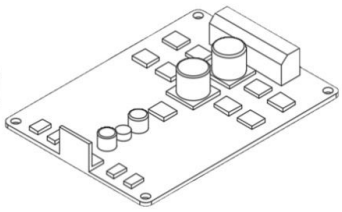
3d Printed Arduino Mounting Plate



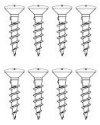
Arduino



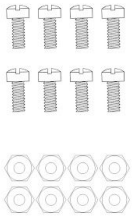
3d Printed Motor Driver Mounting Plate



Motor Driver Board



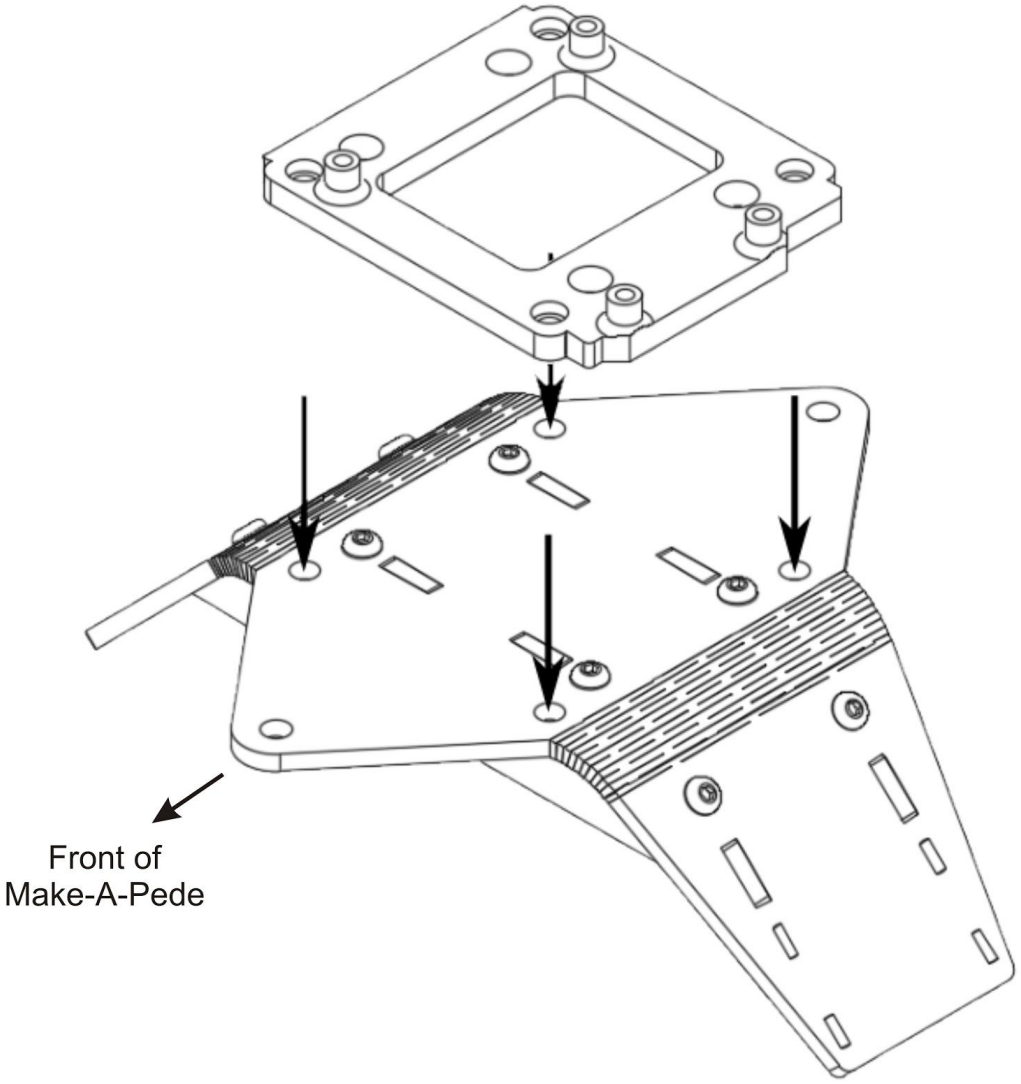
8 Small Self-Tapping Screws



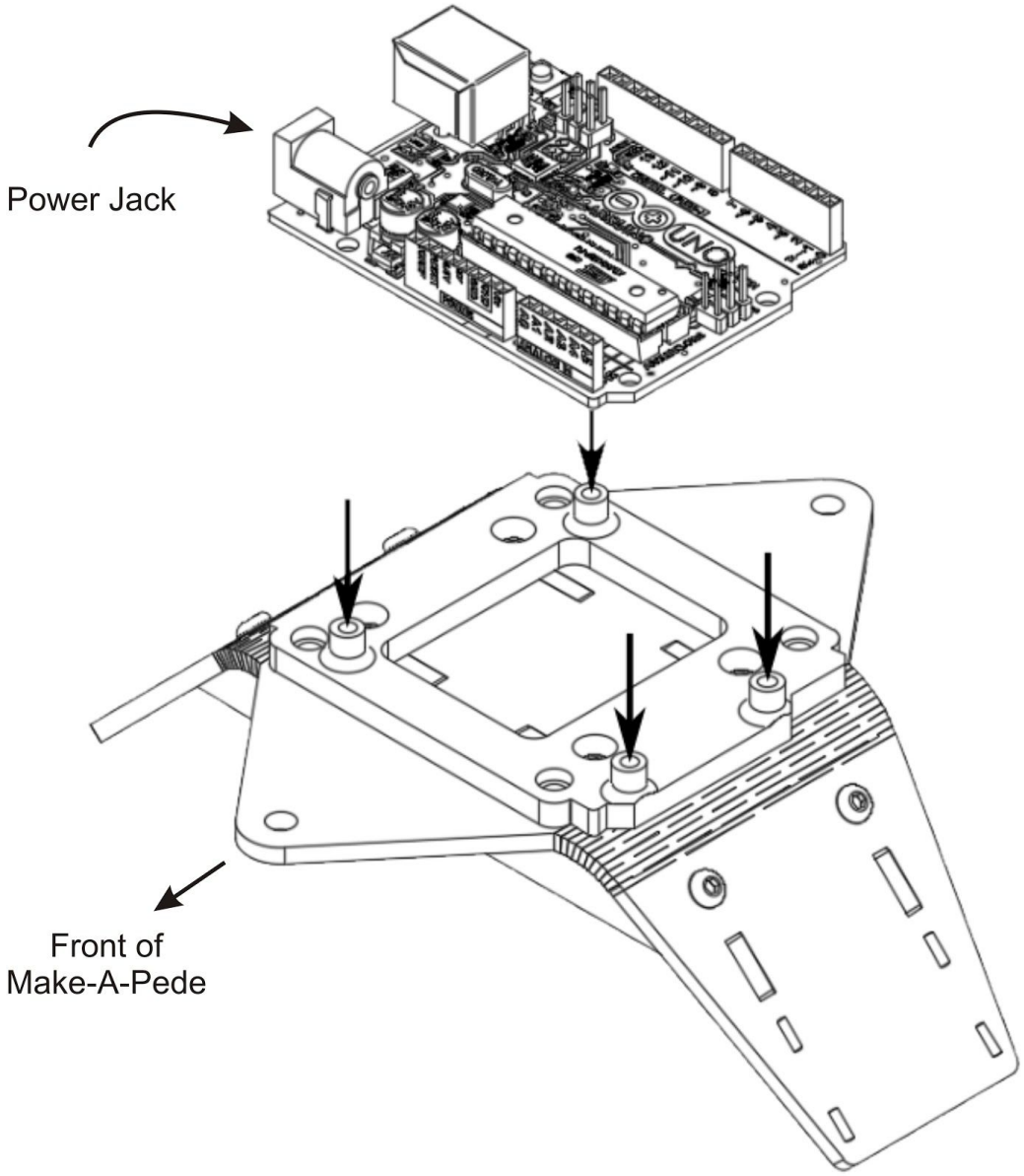
8 Small Fillister Head Screws & 8 Small nuts

Small Phillips Head Screwdriver

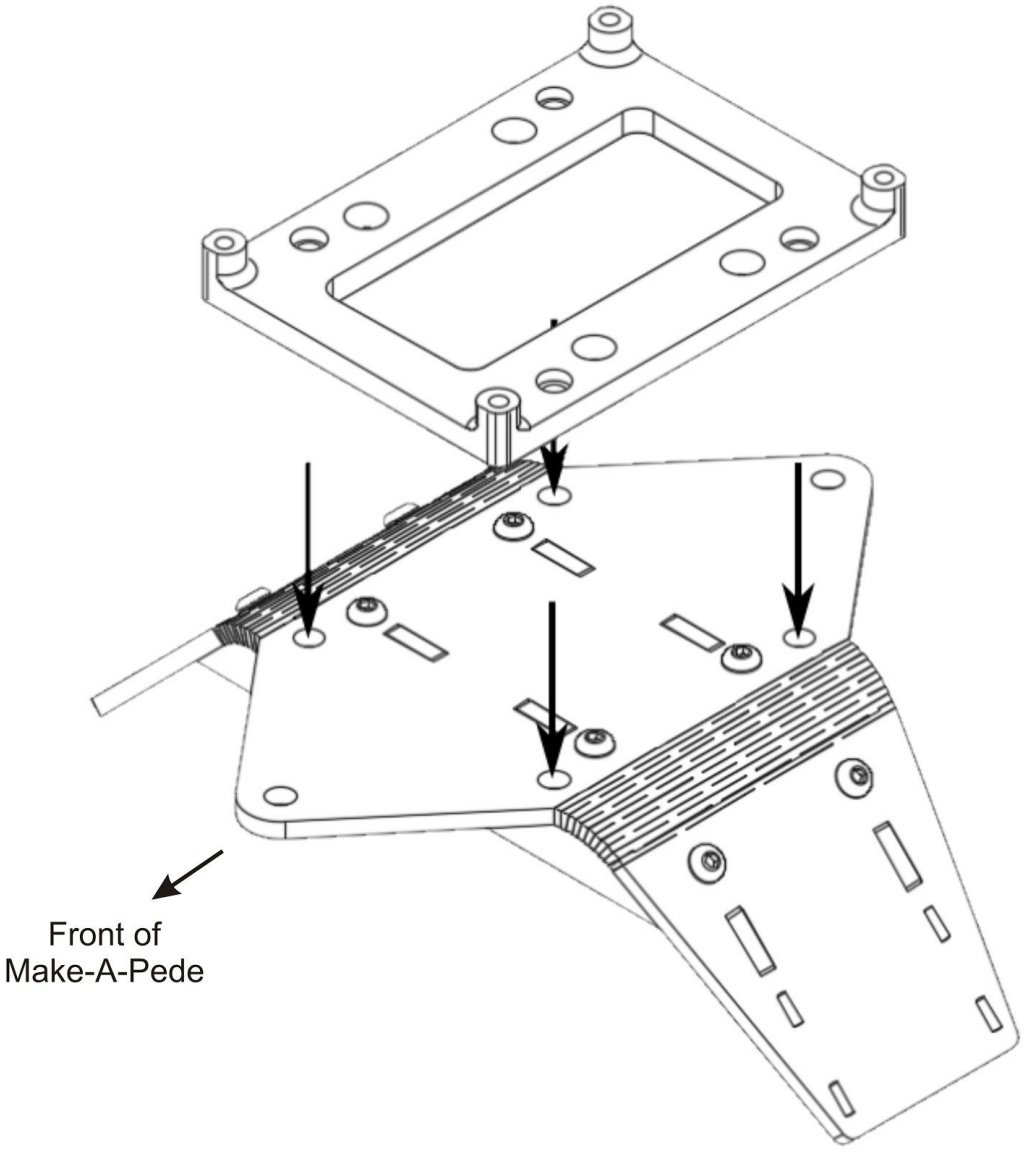
Step 1: Place the 3D printed Arduino mounting plate on top of segment 2 of the Make-A-Pede chassis in the orientation shown below. Attach it to the segment using the small fillister head screws and nuts with the nuts on the underside of the segment.



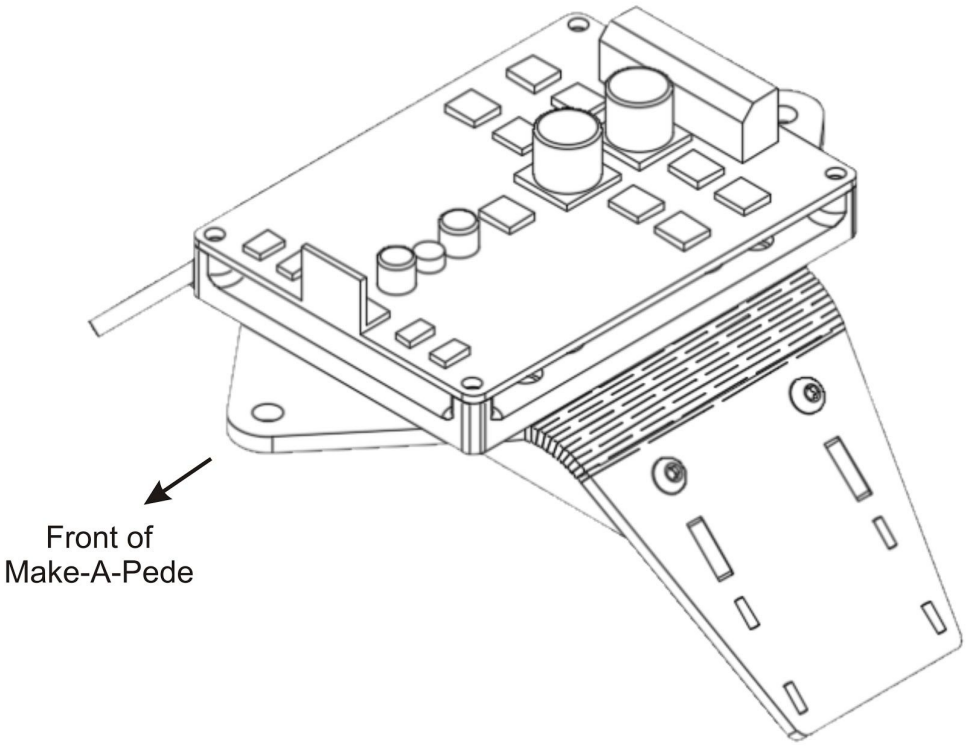
Step 2: Place the Arduino on the mounting plate in the orientation shown below. Attach it to the mounting plate using the small self-tapping screws.



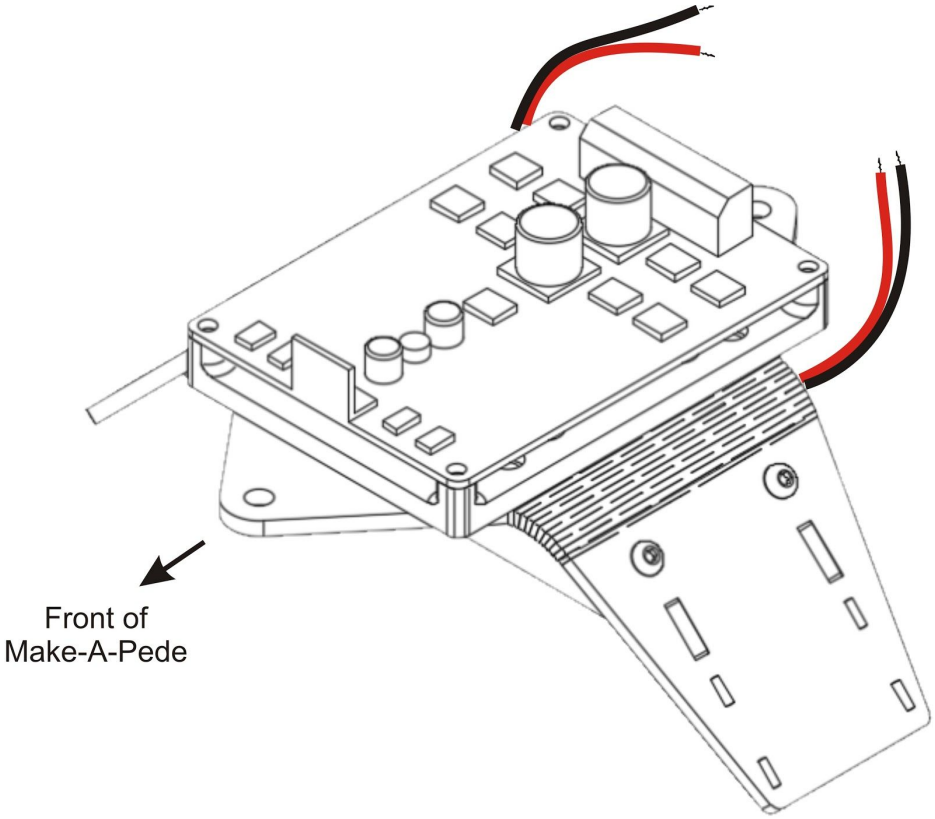
Step 3: Place the 3D printed motor driver mounting plate on top of segment 3 of the Make-A-Pede chassis in the orientation shown below. Attach it to the segment using the small fillister head screws and nuts with the nuts on the underside of the segment.



Step 4: Place the motor driver board on the mounting plate in the orientation shown below. Attach it to the mounting plate using the small self-tapping screws.



Step 4: Feed the wires from the wiring harness that go to the motor control up the sides of the robot. Feed the left-side motor wire up to the left side and the right-side motors up to the right side (left and right are determined as if you were riding the Make-A-Pede).



Step 5: Loosen the screw terminals on the motor driver board and insert the 4 wires in as shown below. Tighten the screw terminals until snug.