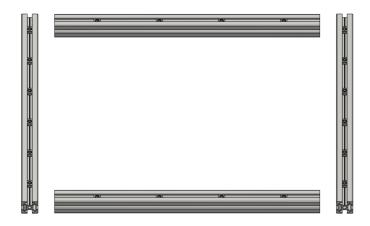
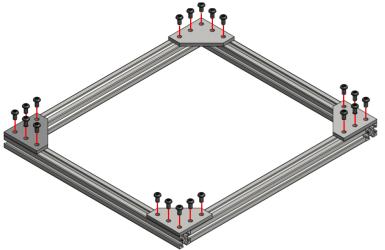


(1) Press a 608 Bearing into XIdler



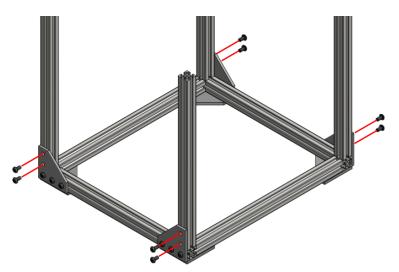
(2) With Qty. 4 2020-320 extrusion lengths laid out as pictured, insert Qty. 4 M5 Slot Nuts into each of the two horizontal extrusion lengths, and Qty. 6 M5 Slot Nuts into each of the two vertical extrusion lengths.



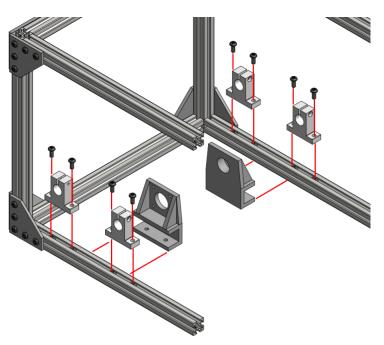
(3) Bringing the lengths together and squaring the corners, add **Qty. 4 L-plate Brackets** to the corners and fasten in place with **Qty. 5 M5x10 BHCS** each. If using a square or protractor that provides enough accuracy, tighten fully. Otherwise, leave just loose enough to adjust extrusion by hand as needed.

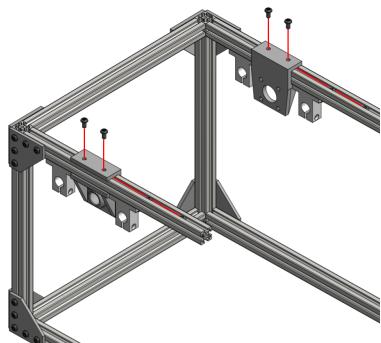


(4) With the assembly turned upside down, slide Qty. 6 M5 Slot Nuts into the two accessible outside edges. Then loosely attach Qty. 4 Lplate Brackets to the corners of the assembly using Qty. 3 M5x10 BHCS fastened to the Slot Nuts for each.

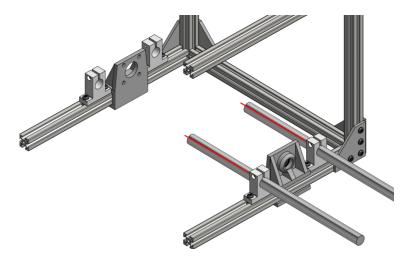


(5) Set Qty. 4 2020-320 extrusion lengths upright, attached to the corner brackets by Qty. 2 M5 Slot Nuts and Qty. 2 M5x10 SHCS each, attaching them one at a time. If using a square or protractor that provides enough accuracy, tighten fully. Otherwise, leave just loose enough to adjust extrusion by hand as needed.





(6) With the assembly flipped on its side, insert Qty. 4 M5 Slot Nuts on each of the 'top' slots of the two bottom, accessible lengths. Loosely fix Qty. 2 SK16 Shaft Supports to each of these lengths using Qty. 4 M5x12 BHCS anchored to the Slot Nuts. Loosely set Xidler and Xmotor in place as spacers between the Shaft Supports, and set the innermost SK16's approximately 40mm from their respective corners. (7) Flip the assembly over once again. With access to the top extrusion slots add Qty. 2 M5 Slot Nuts to each length. Guide the slot nuts into place below XIdler and XMotor, aligning with the mounting holes. Fix XIdler and XMotor in place with Qty. 2 M5x10 BHCS through each.



(8) Flip the assembly over again. Press Qty. 2
16x350mm Linear Shafts through the
SK16 Shaft Supports on the side with
XIdler attached. Only press the shafts
approximately half way towards the
opposite side, and only tighten the Shaft
Support retention grubs enough to keep
the Linear Shafts in place.