

 **WARNING**

Serious or fatal crushing injuries can occur from furniture tipover. To reduce the risk of tipover:

- ALWAYS install all tipover restraints provided.
- Do not install any modules onto frame until frame is permanently anchored.
- Place heaviest items in the lowest shelves and drawers.
- NEVER open more than one drawer at a time.
- NEVER set TVs or other heavy objects on top of this product.
- NEVER allow children to climb or hang on furniture.
- Failure to detach restraints before moving furniture may result in injury or damage.

Use of tipover restraints may only reduce, but not eliminate, the risk of tipover.

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 **CAUTION:** An impact driver may be used but excessive driving can strip the threads in the frame. Stop driving immediately after there's audible impacts to avoid stripping the screws. If a drill driver is used, a lower clutch setting should be used to avoid stripping the screws.

Read these instructions before using this product. Failure to follow the instructions and safety precautions in this manual can result in injury or damage to equipment.

**KEEP THIS MANUAL IN A SAFE PLACE
FOR FUTURE REFERENCE**

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Assembly Instruction

1 Unpack frame sub-assembly sections and spread out for access and identification in the later steps of assembly (**Figure A**).

Model Assembly Instruction Sheet ("Model AI Sheet") includes frame dimension references and parts list for specific model.

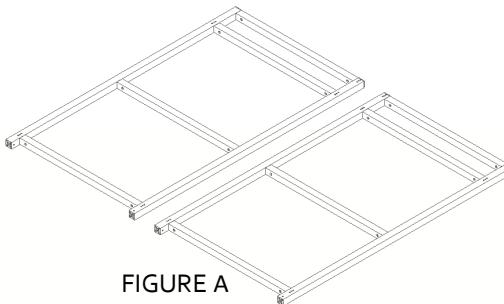


FIGURE A

2 Select a frame sub-assembly and move to work area. Lay the assembly horizontally on the worksurface. Note the 3-hole pattern features (**Figure B**) at the different levels. Retrieve the junction blocks (**Figure C**) and position one at each 3-hole pattern so that the protruding features (bosses) engage the upper and lower hole of each pattern (**Figure D**). The protruding (boss) features will be a press fit into the holes.

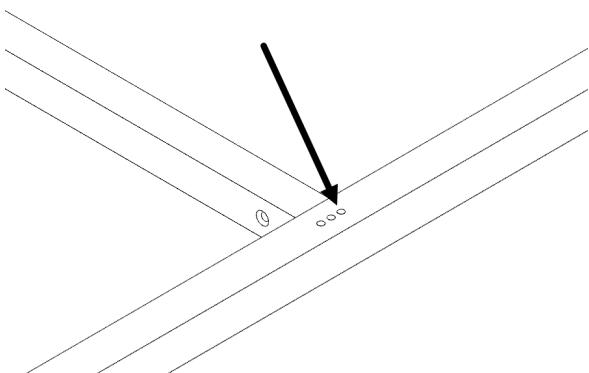


FIGURE B

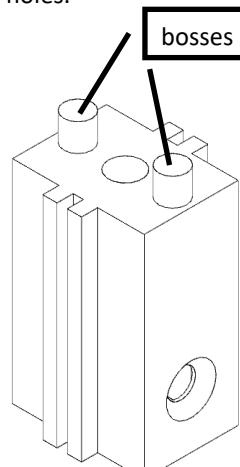


FIGURE C

3 Retrieve the pack of screws from the hardware kit. At each junction block, start and tighten a M4X12 screw through the cavity in the junction block (**Figure D**) and into the frame. This will secure the block to the vertical frame section.

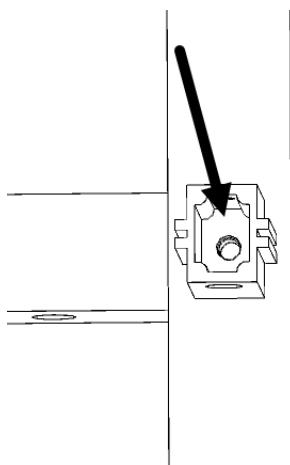


FIGURE D

CAUTION: An impact driver may be used but excessive driving can strip the threads in the frame. Stop driving immediately after there's audible impacts to avoid stripping the screws. If a drill driver is used, a lower clutch setting should be used to avoid stripping the screws.

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TOOLS REQUIRED

- IMPACT OR DRILL DRIVER
- #2 PHILLIPS BIT
- 13mm WRENCH

HARDWARE

M4 X 12MM THREAD FORMING SCREWS

QTY VARIES BY MODEL

M4 X 8MM THREAD FORMING SCREWS

QYT VARIES BY MODEL

JUNCTION BLOCKS

QTY VARIES BY MODEL

PLASTIC CAPS

QTY VARIES BY MODEL

BOTTOM GUSSET BRACKETS

QTY VARIES BY MODEL

PHILLIPS HEAD SCREW—8X5/8"

QTY—4

HANGER BRACKET

QTY—2

CASTERS X4

CASTER STEMS X4

CASTER WASHER X4

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Assembly Instruction

4 If applicable, flip over frame section and repeat steps 2 & 3 for any 3 hole patterns on the 2nd side (Figure E).

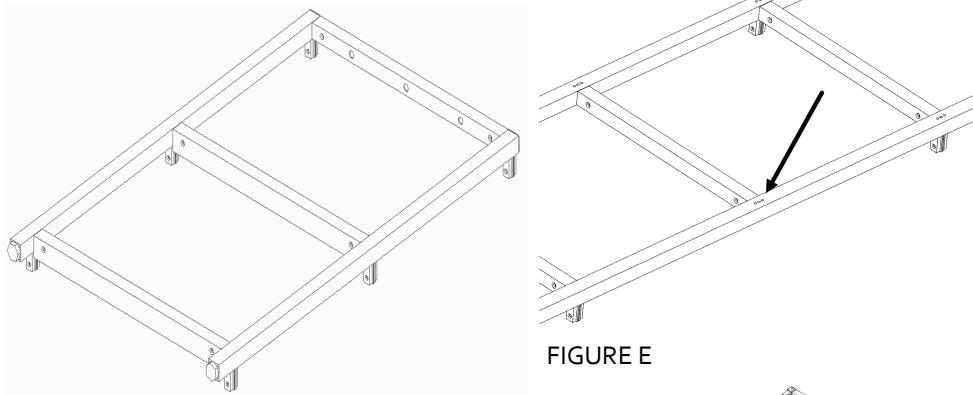


FIGURE E

5 Repeat steps 2-4 on remaining frame sections. All three-hole patterns must have a junction box screwed in as noted in step 3.

(Figure F)

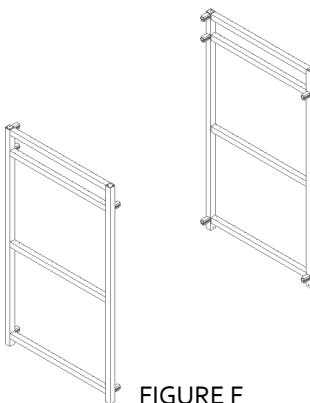


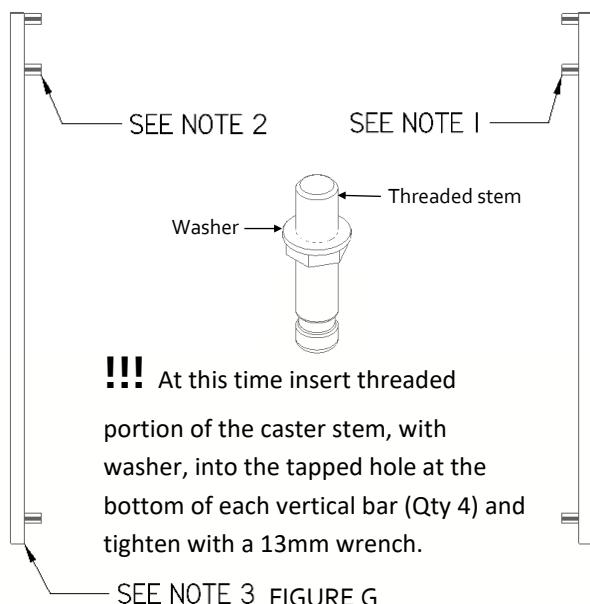
FIGURE F

6 Retrieve the Model A1 Sheet with image of assembled unit. Use this to identify the position of each sub-assembly with respect to the finished unit. Arrange the sub-assemblies in that order on the ground to facilitate assembly of the horizontal bars (Figure G).

Note 1: Outer end assembly only has junction blocks on one side.

Note 2: For each horizontal frame section, there will be a matched pair of junction blocks on either side of the frame.

Note 3: Orient so the screw threads tapped into the vertical bars are at the bottom of the assembled unit.



SEE NOTE 3 FIGURE G

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Assembly Instruction

7 Begin with the outer end frame section and place the appropriate horizontal bars over the junction blocks (**Figure H**).

Note 1: Ensure the horizontal bars are aligned properly. The extruded lip (if applicable) should face the interior of the frame section and the counter sunk holes should face down towards the screw threads tapped into the vertical bar at the bottom of the unit.

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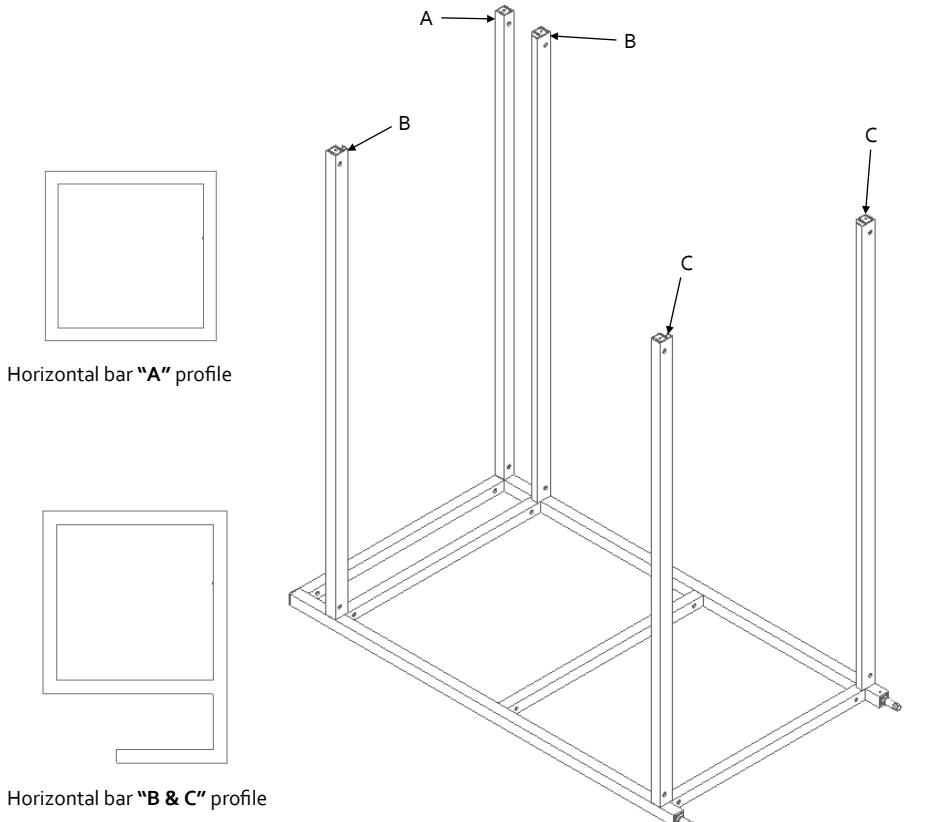
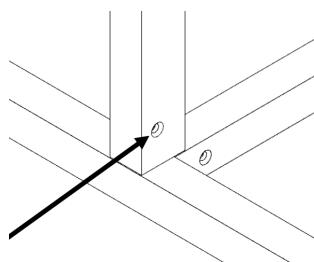


FIGURE H

8 At this time, start and tighten a M4 X 12mm screw through the horizontal bars indicated with "A & B" (**Figure H**) into the junction block to secure the bar to the frame (**Figure J**). The horizontal bars indicated with "C" (**Figure H**) will be addressed in the next step.



**Note 1: COUNTER SUNK HOLES
FACING DOWN**

FIGURE J

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Assembly Instruction

9 At the connection point of the horizontal bar "C" a bottom gusset bracket will be installed for additional strength of the mobile cart frame. (Figure K) Remove the screws on the end frame assembly and save for re-installation. (Figure K)

10 Orient the bottom gusset bracket as shown in (Figure L), on bottom

face of the horizontal rail and re-install the screw removed earlier through the mounting hole of the bottom gusset bracket.

Install a M4 X 12mm screw through the remaining hole in the bottom gusset bracket into the horizontal bar and then a M4 X 8mm screw into the bored hole of the vertical member of the frame. (Figure L) Repeat this step for all (4) vertical bars.

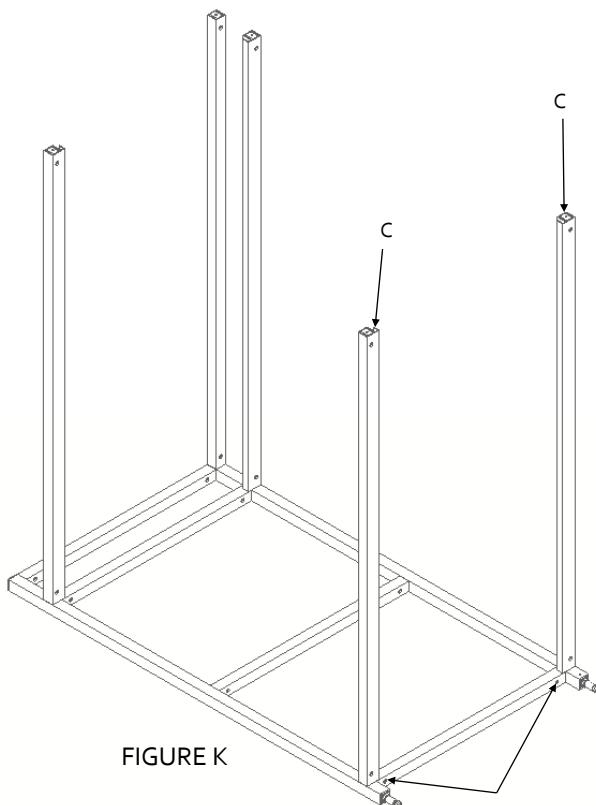
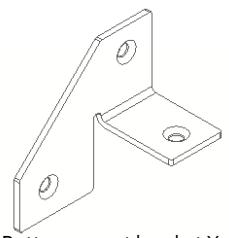


FIGURE K

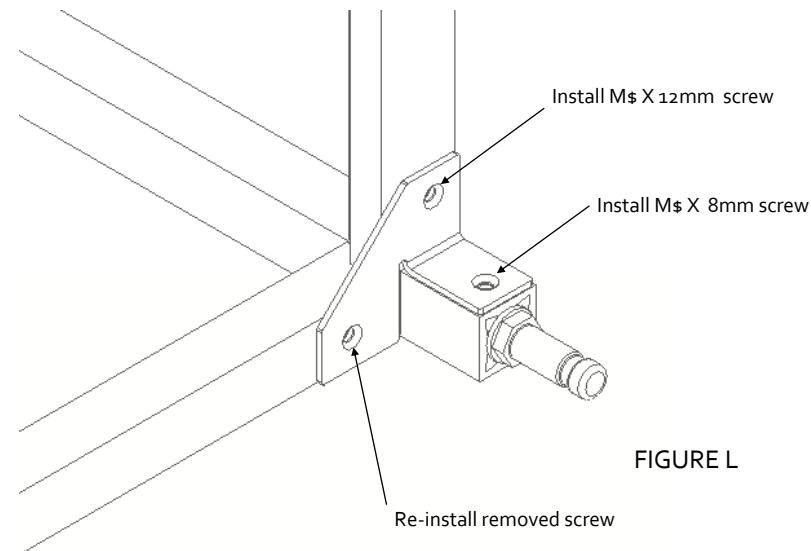


FIGURE L

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Assembly Instruction

11 Lay the opposing frame assembly overtop of the horizontal bars of the previous section. Starting from one end, push the horizontal bars around until the protruding (bass) features of the junction blocks are fully inserted into the ends of the horizontal bars. Work your way down the levels until all junction blocks are fully inserted into the horizontal bars of the frame. Repeat steps 8—10 to secure the frame member to the horizontal bars and install remaining bottom gusset brackets (Figure M).

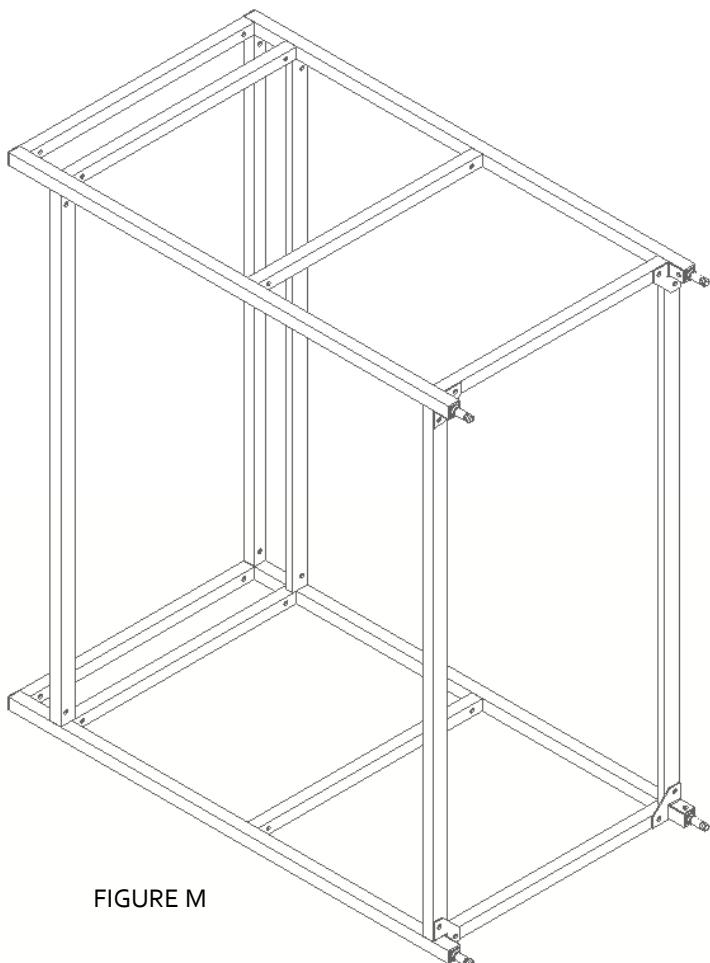


FIGURE M

12 With the frame assembly complete and all bottom gusset brackets installed, retrieve the caster wheel assemblies and push them on to the caster stems at the bottom of the frame until you hear an audible click. (Figure N)

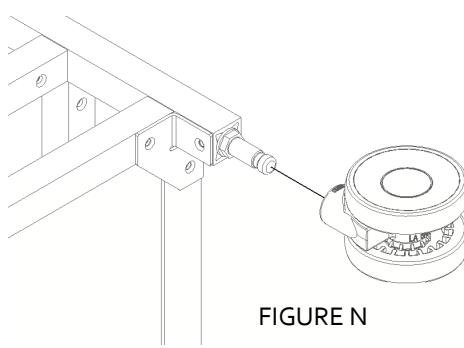


FIGURE N

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Assembly Instruction

14 With the frame assembly complete, stand frame assembly upright. Retrieve the (4) plastic caps from the hardware kit and push them into the openings at the top of each vertical bar. **(Figure P)**

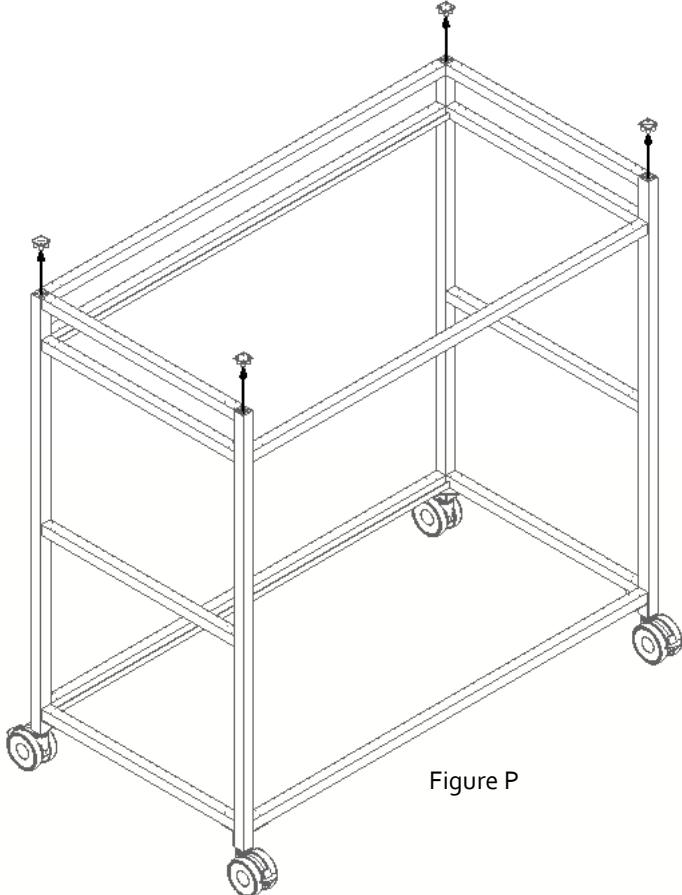


Figure P

15 Retrieve the (2) individual shelves to be installed starting with **Step 16.** (1) bottom shelves and (1) top shelf. **(Figure Q)**

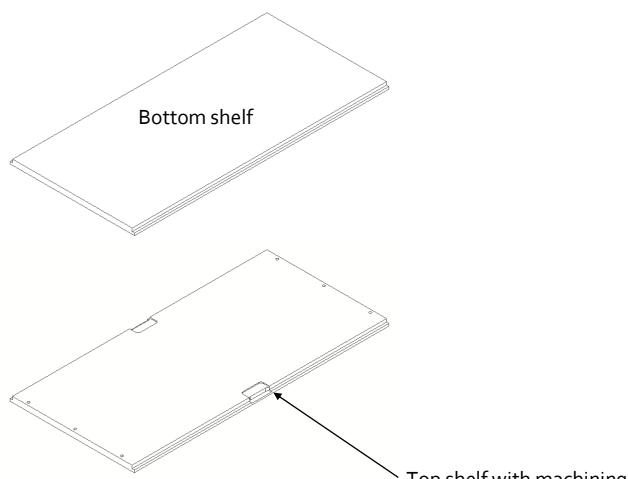


Figure Q

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Assembly Instruction

16 Insert the bottom shelf at the bottom frame opening. (Figure R)

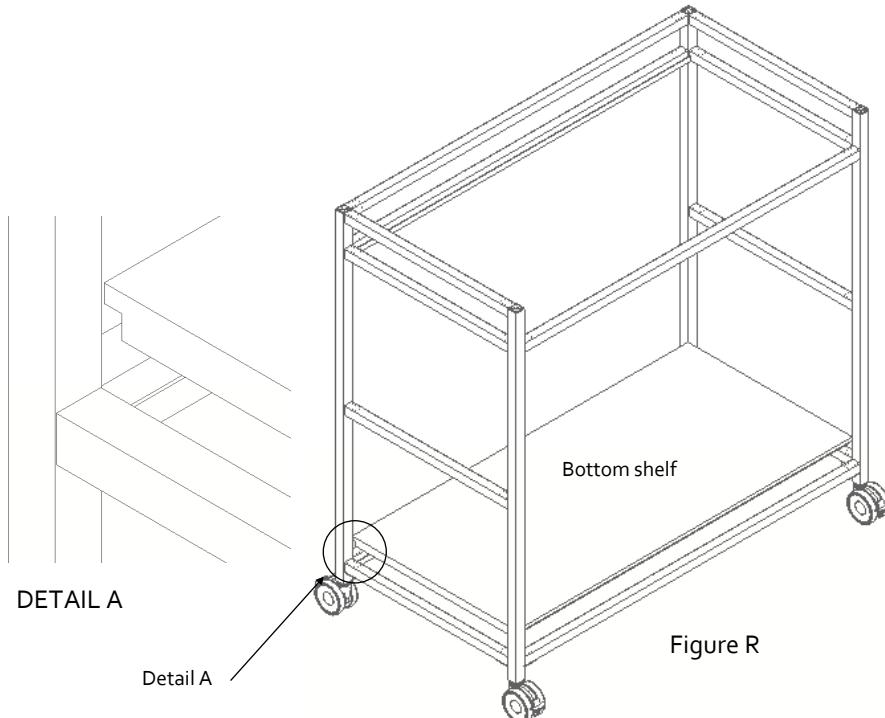


Figure R

17 With the bottom shelf inserted in the frame assembly, retrieve the storage box module assembly and slide into the frame opening as shown in (Figure S) ensuring that the pre-drilled holes in the top panel are facing the top of the unit. Center the module assembly in the frame opening (left to right) in preparation to

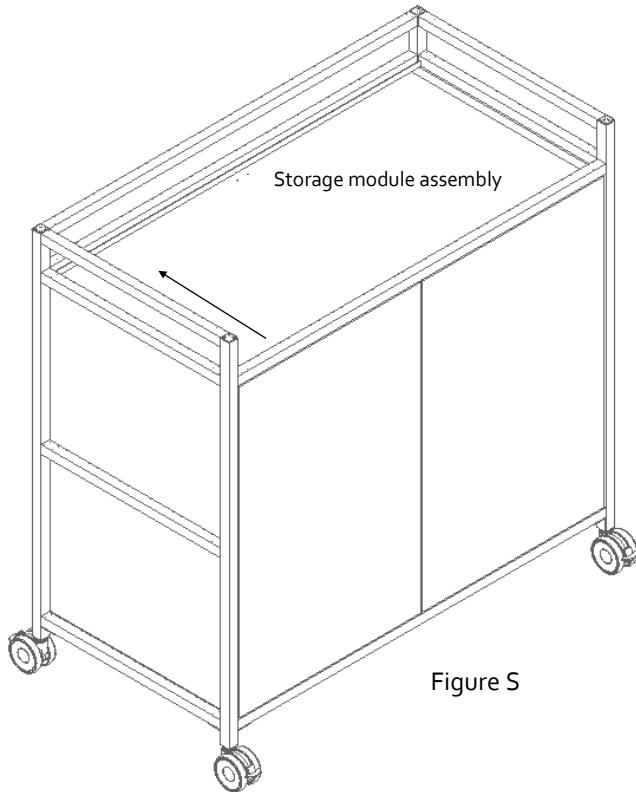


Figure S

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Assembly Instruction

18 Retrieve the two hanger brackets from the hardware kit. Mount in the front and back center of the box on both sides. Position them so the folded hook grabs the lip of the horizontal frame member and the mounting holes align with the pre-drilled holes in the top panel. **(Figure T)** Start and run down the included 5/8" pan head screws to install the box to the frame. **(Figure U)**

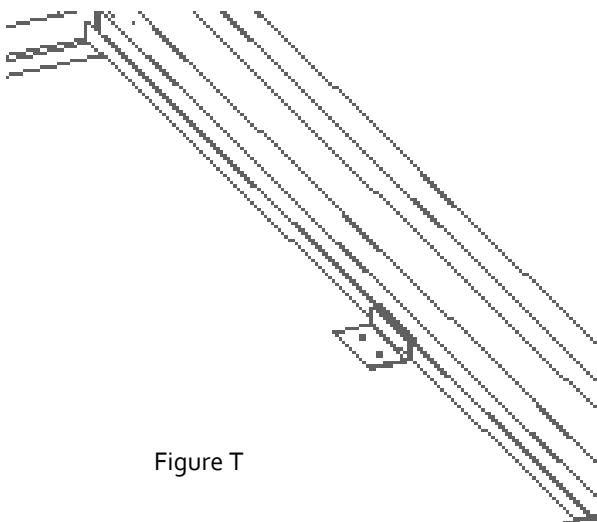


Figure T

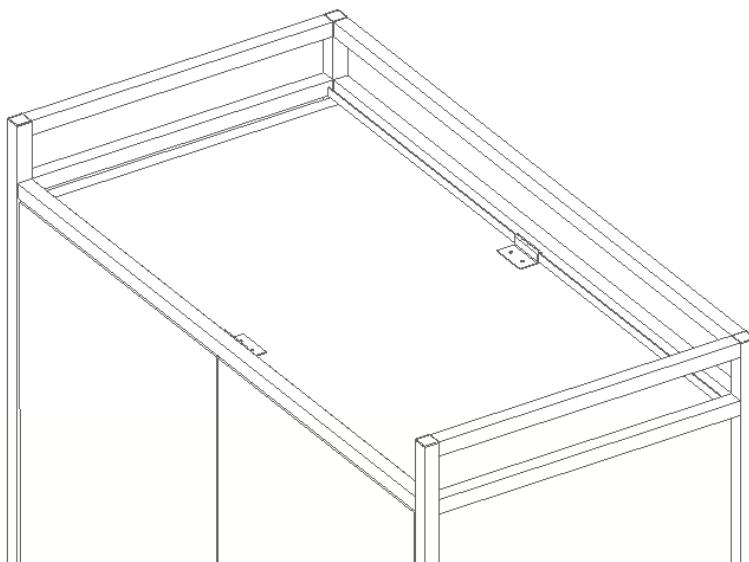


Figure U

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Assembly Instruction

19 Place included top shelf in the frame above to cover over the brackets.
(Figure V) Assembly is complete after this. **(Figure W)**

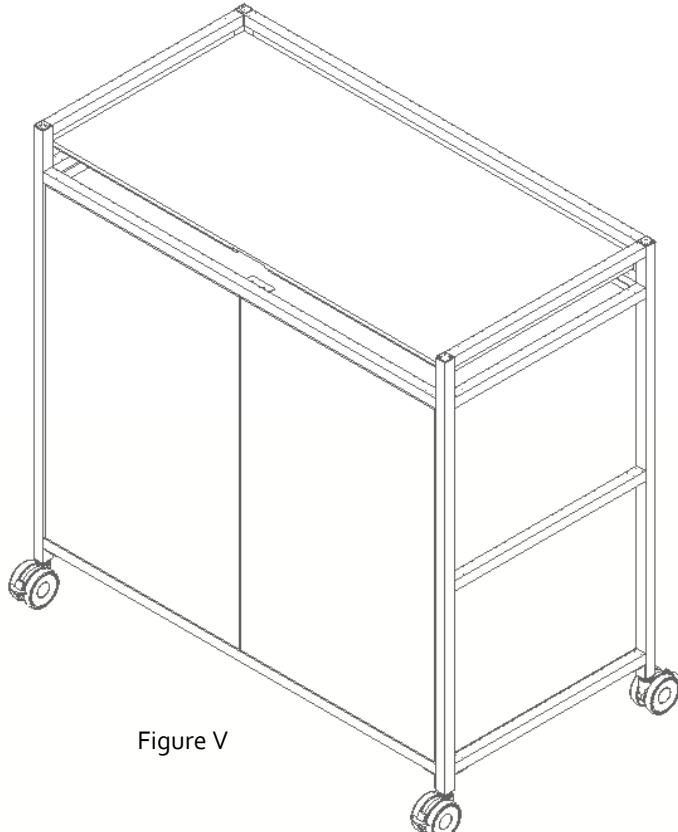


Figure V

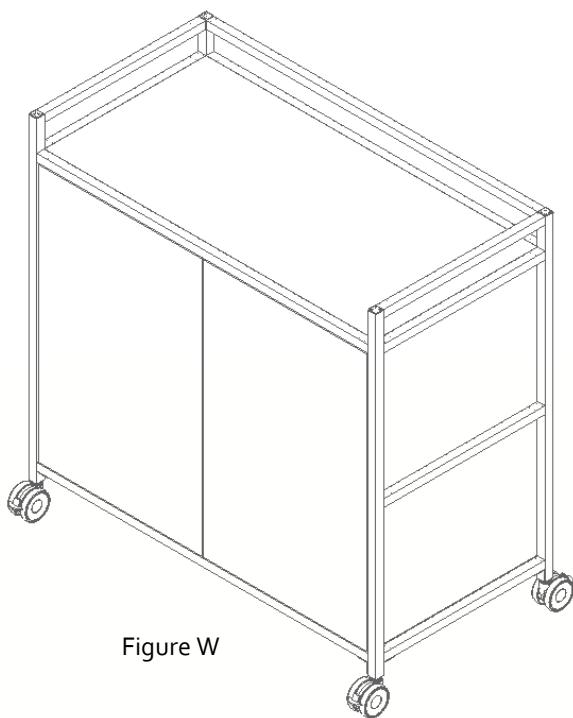


Figure W

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