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Steps

Step 1

1. Lay leg A flat on the ground
2. Lay leg B flat on the ground
3. Align J holes with the holes of A and B
4. Secure J between A and B using bolts 4
5. Tighten using Allen Key
6. Align Hholes with the holes of A and B
7. Secure H between A and B using bolts 4
8. Tighten using Allen Key
9. Align Iholes with the holes of A and B
10. Secure I between A and B using bolts 4
11. Tighten using Allen Key
12. Align G holes with the holes of A, B, and J
13. Attach part G using bolts 2
14. Tighten using Allen Key

Step 2

1. Lay leg C flat on the ground
2. Lay leg D flat on the ground
3. Align J holes with the holes of C and D
4. Secure J between A and B using bolts 4
5. Tighten using Allen Key
6. Align G holes with the holes of C,D, and J
7. Attach part G using bolts 2
8. Tighten using Allen Key

Step 3

1. Lay part P horizontally on the ground.
2. Lay part Q horizontally on the ground about 3 inches above part P.
3. Lay part R horizontally on the ground about 3 inches above part Q.
4. Lay part N vertically on top of parts PQR.
5. Align the holes on part N with the holes on the left side of Parts PQR.

6. Lay part N vertically on top of parts PQR.
7. Align the holes on part N with the holes in the middle of Parts PQR.
8. Lay part N vertically on top of parts PQR.
9. Align the holes on part N with the holes on the right side of Parts PQR.
10. Connect Part N and Parts PQR by using tool 9 to screw in a bolt 2 to each of the holes.
11. Lay part K horizontally on the ground.
12. Lay part L horizontally on the ground about 3 inches above part K.
13. Lay part M horizontally on the ground about 3 inches above part L.
14. Lay part N vertically on top of parts KLM.
15. Align the holes on part N with the holes on the left side of Parts KLM.
16. Lay part N vertically on top of parts KLM.
17. Align the holes on part N with the holes in the middle of Parts KLM.
18. Lay part N vertically on top of parts KLM.
19. Align the holes on part N with the holes on the right side of Parts KLM.
20. Connect Part N and Parts KLM by using tool 9 to place a bolt 2 to each of the holes.

Step 4

1. Place washer 5 on top of the hole on the bottom left of part T.
2. Place washer 6 above washer 5.
3. Place bolt 4 through washers 5 and 6 into the hole using tool 9.
4. Repeat 1-3 on the bottom left corner of part T.
5. Repeat 1-4 on the other two part Ts and Part U.

Step 5

1. Place PF1 in the front-left corner of the rightHeadboard.
2. Orient PF1 that the flat edge is facing inward at the top of the rightHeadboard.
3. Line up PF1's holes with the corner pieces.
4. Take one flat_washer, washer, and B4, as well as allen_Wrench.
5. Place flat_washer on the hole.
6. Place washer on the hole on top of flat_washer.
7. Place B4 inside the hole, through flat_washer and washer.
8. Use allen_Wrench to tighten B4.
9. Repeat steps 4-8 on the remaining 3 holes.
10. Place PE1 in the front-right corner of the rightHeadboard.
11. Orient PE1 that the flat edge is facing inward at the top of the rightHeadboard.
12. Line up PE1's holes with the corner pieces.
13. Repeat steps 4-8 on the 4 holes lined up with PE1.

Step 6

1. Stand up the leftHeadboard and rightHeadboard.

2. Orient the leftHeadboard and rightHeadboard to face each other with the metal parts facing inward.
3. Take PV1 and place at the bottom right edge of the parts, lining up with holes
4. Take B4 and place it inside one of the holes lining up with PV1.
5. Repeat step 4 on the other side of PV1.
6. Take PS1 and orient the smaller flat edge parallel to PV1.
7. Take PS1 up to the holes midway on both sides
8. Repeat steps 4 and 5 using PS1 instead of PV1.
9. Take the frontSide and backSide.
10. Take the backSide, and stand on the same side as PS1 and PV1.
11. Orient this part so that PN3, PN4, and PN5 face away from the build.
12. Make sure the backSide is resting on PF1.
13. Take the frontSide, and head to the opposite side of PS1 and PV1.
14. Orient the part like the other part in step 11 & 12, and allow it to rest on PE1.

Step 7

1. Use allen_Wrench to tighten the B4s placed during steps 5-9 in step 6 (Gavin)
2. On one of the metal pieces near the top, take B1 and place it inside one of the holes.
3. Use allen_Wrench to tighten the B1 that was just placed.
4. Repeat steps 2-3 on the other hole on the same piece.
5. Repeat steps 2-4 on the other 3 metal pieces.

Step 8

1. Place m and d together so that they are aligned where you could see through both the leg and the hole.
2. Place the .8in screw through the hole
3. screw in the screw until you can't screw in the screw anymore
4. Repeat the first 2 steps for each of the next 3 corners of the bed.
5. Align the front and back legs so that you can see through the holes.
6. place the m6x1' in screws in and screw them in using an allen key

Step 9

1. On the lower part of the desk align the ladder horizontally that you can through the holes on each side of the ladder.
2. Place the flat washer under the washer
3. push the mx1' screw threw both of the washers
4. Then place the screw in the hole on one side of the ladder
5. screw in the screw using a allen key
6. Repeat steps 2-3 for the other side of the desk.

Step 10

1. Locate the Yx1 piece
2. Pick up the Yx1 piece
3. Search for the center mounts on the two J pieces
4. Line the ends of the Yx1 piece above the center mounts of the two J pieces
5. Push the Yx1 piece down making sure it is fastened to the center mounts on the two J pieces

Step 11

1. Locate the Wx1 piece
2. Center the Wx1 piece on top of the Yx1 piece
3. Make sure the holes on the Wx1 piece are aligned with the holes on the bed frame
4. Locate 6 of the 4x3 screws
5. Use a drill or screwdriver or drill to fasten the Wx1 to the bedframe using the 4x3 screws
6. Finished

Variables

- PA1- First A part
- PB1- First B part
- PC1- First C part
- PD1- First D part
- PE1- First E part
- PF1- First F part
- PG1- First G part
- PG2- Second G part
- PH1- First H part
- PI1- First I part
- PJ1- First J part
- PJ2- Second J part
- PK1- First K part
- PL1- First L part
- PM1- First M part
- PN1- First N part
- PN2- Second N part
- PN3- Third N part
- PN4- Fourth N part
- PN5- Fifth N part
- PP1- First P part
- PQ1- First Q part
- PR1- First R part
- PS1- First S part

- PT1- First T part
- PU1- First U part
- PV1- First V part
- PW1- First W part
- PY1- First Y part
- S1 = -4x30 screw
- S2 = 4x20 screw
- B1 = M6x12 Bolt
- B2 = M6x25 Bolt
- B3 = M6x30 Bolt
- B4 = M6x70 Bolt
- flat_washer = washer used in steps 4,5, and 9
- washer = the small washer used in steps 4,5, and 9
- allen_Wrench = Part 9, the Allen Wrench
- leftHeadboard = Part assembled at the end of Step 1
- rightHeadboard = Part assembled at the end of Step 2
- frontSide = Part assembled during Step 3 with parts PK1, PL1, PM1, PN1, and PN2
- backSide = Part assembled during Step 3 with parts PN3, PN4, PN5, PP1, PQ1, and PR1