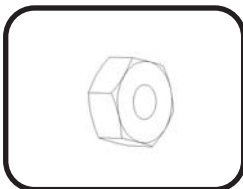




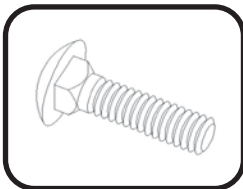
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BILL OF MATERIALS FOR SmartShed deluxe



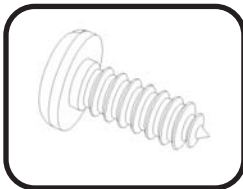
ITEM 1: 1/4 x 20 HEX NUT

Quantity: 6



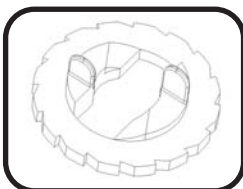
ITEM 2: 1/4 x 20 CARRIAGE BOLT

Quantity: 6



ITEM 3: 1" PHILLIPS SELF TAPPING SCREW

Quantity: 12



ITEM 4: FLOOR LOCKING NUT (PART #44025)

Quantity: 23 (includes 2 spares)



ITEM 5: PLASTIC BOLT (EasyBolt™) (PART #44021)

Quantity: 68 (Includes 2 spares)



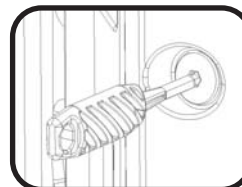
ITEM 6: EASY DRIVER (PART #44065B)

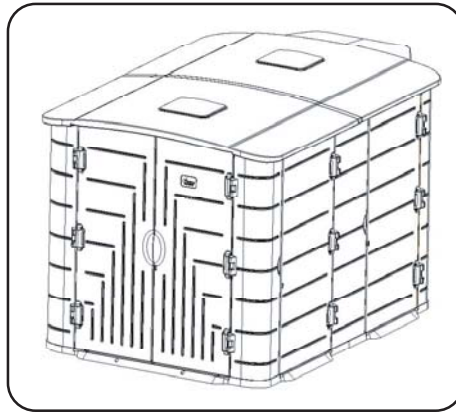
Quantity: 1

ITEM #	DESCRIPTION	PART #	QUANTITY
6	LEFT FRONT CORNER POST	44001	1
7	RIGHT FRONT CORNER	44002	1
8	LEFT REAR CORNER POST	44003	1
9	RIGHT REAR CORNER POST	44004	1
10	FRONT LEFT HAND DOOR	44005	1
11	FRONT RIGHT HAND DOOR	44006	1
12	SIDE DOOR	44007	4
13	MAIN ROOF	44008	2
14	BAY ROOF	44009A	1
15	BAY BACK UPPER	44010	1
16	BAY BACK LOWER	44011	1
17	LEFT HAND CENTER POST	44012A	1
18	RIGHT HAND CENTER POST	44012B	1
19	BRACE	44013	2
20	BAY SHELF	44014	1
21	MAIN FLOOR	44015A	2
22	BAY FLOOR	44017	1
23	UPPER TRUSS	44018A	1
24	LOWER TRUSS	44018B	1
25	SIDE SHELVES	44019	4
26	SKYLIGHT	44020	2
27	HINGE COVER	44024	18
28	HASP BODY	44030A	5
29	HASP COVER PLATE	44030B	5
30	INSIDE HINGE COVER	44035	18
31	COTTER PIN	-	5

TOOLS NEEDED TO ASSEMBLE THE SHED ARE AS FOLLOWS:

- 1) HAMMER
- 2) FLATHEAD SCREWDRIVER
(1 & 2 for locking floor)
- 3) PHILLIPS SCREWDRIVER
- 4) 7/16 OPEN-END WRENCH
- 5) EASY DRIVER (included)





DELUXE SHED WITH BAY ATTACHMENT

SURFACE MUST BE LEVELED BEFORE INSTALLATION.

STEP 1

Slide 8 floor locking nuts (part #44025) under the tabs provided on the bottom of the main floor (part #44015a or 44034). Repeat this for the second main floor. See figures 1 and 2.



Figure 1

STEP 2

Snap the 2 main floors together and fasten them with the 1/4 x 20 carriage bolt (item 2) and the 1/4 x 20 hex nut (item 1). Do this in 6 places. See figure 3 for detail.

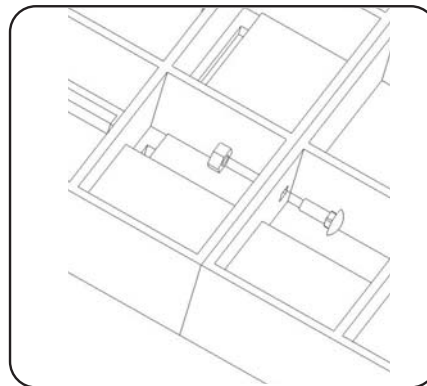


Figure 3

STEP 3

Slide 5 floor locking nuts (part#44025) into place on the bay floor part#44017 or 44037). See figure 2.

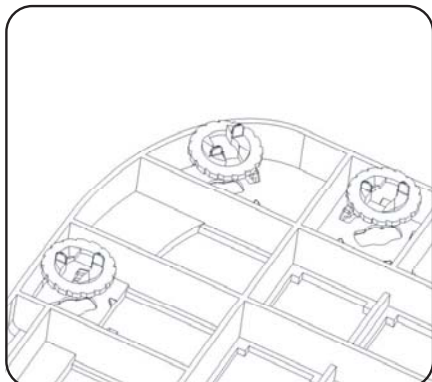


Figure 2

STEP 4

Once the main floors have been bolted together, flip the floors over by holding both ends and having support in the middle to prevent flexing. See figure 4.

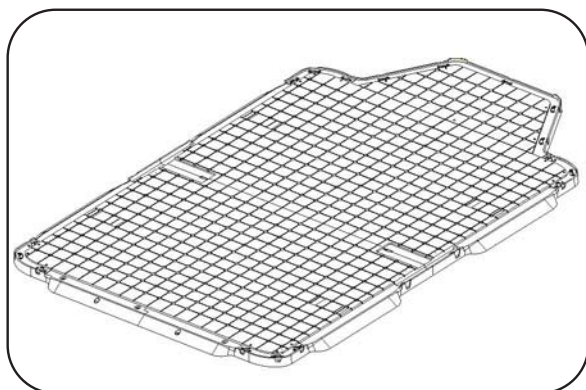


Figure 4

STEP 5

Attach the bay floor (part #44017 or 44037) to the 2 main floors and fasten together with five (5) 1/2 inch self-tapping screws (item 3) supplied. See figure 5.

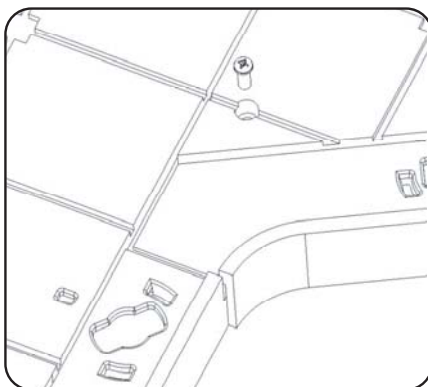


Figure 5

STEP 6

Slide the bay back lower (part#44011) into position on the bay floor (part#44017 or 44037). See figure 6.

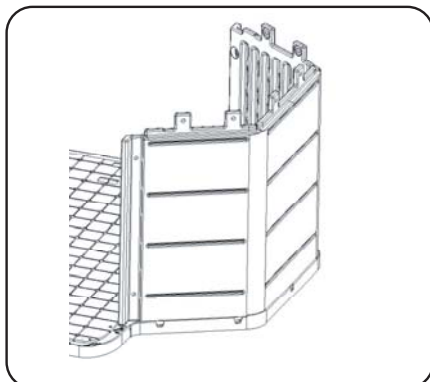


Figure 6

STEP 7

Using a flathead screwdriver, turn the floor locking nuts into the locked position. The rotation of the floor locking nut is counter clockwise. See figure 7 and 8.

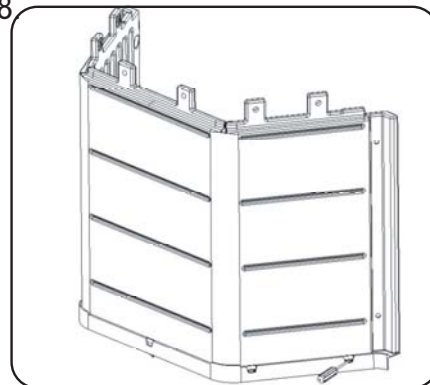


Figure 7

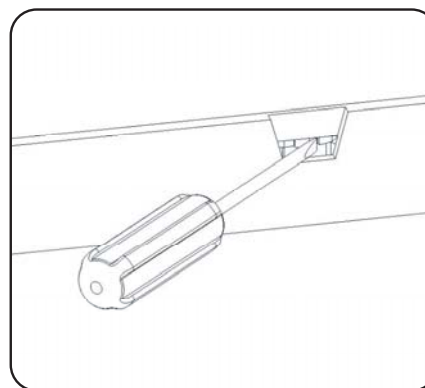


Figure 8

STEP 8

Set the 4 corner posts (part#s 44001, 44002, 44003 & 44004) into position on the main floors. Once the corners are in position, use a flat head screwdriver to turn the floor locking nut into the locked position. See figure 7. Figure 9 shows what the shed assembly should look like at this time.

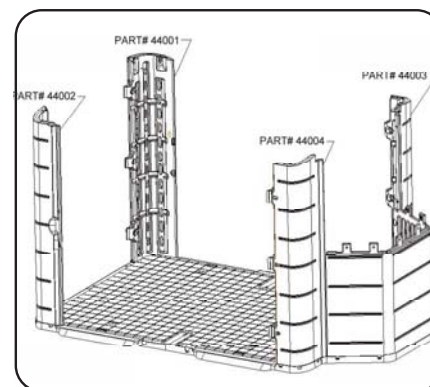


Figure 9

STEP 9

Slide the bay shelf (part #44014) over the bay back lower (part #44011). See figure 10.

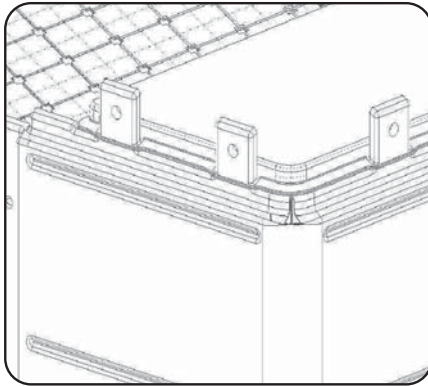


Figure 10

Step 10

Once the bay shelf is in position on the bay back lower, mount the bay back upper (part #44010) on the bay back lower. See figure 11.

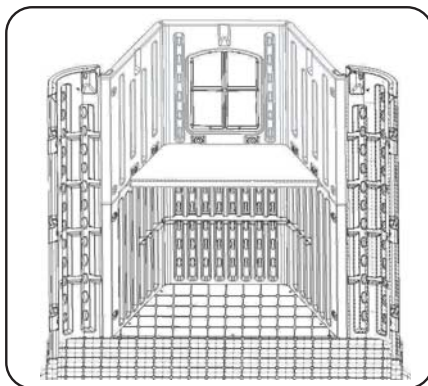


Figure 11

STEP 11

With the bay back upper in position use the EasyBolt[™] (item 5) to bolt the bay walls and the rear corners together. This is to be done in 14 places. Do not over tighten the Easybolts[™] as this may break them or strip the threads. See figure 12 for this detail.

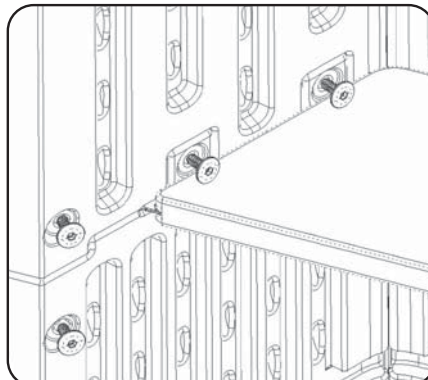


Figure 12

STEP 12

Place the bay roof (part #44009a) on top of the bay back upper and attach with the easybolts (item 5). Do this in 3 places. See figures 13 and 14. Easybolts[™] (item 5). This is typical in 3 places. See figure 13 and 14.

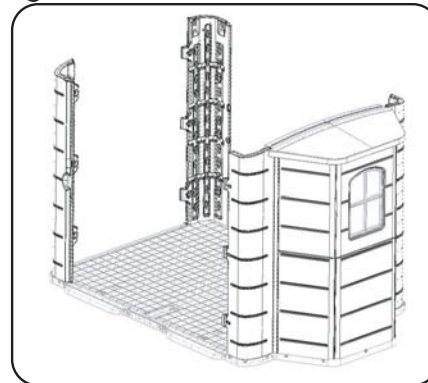
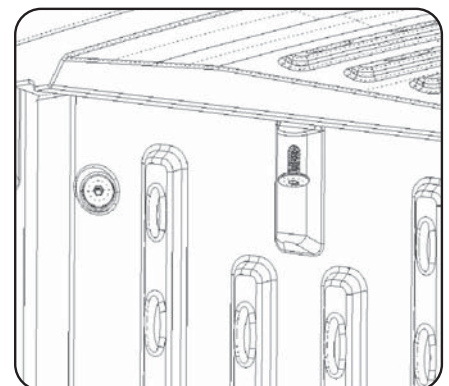


Figure 13

Figure 14



STEP 13

Take the brace (part#44013) and place it into the groove on the main floor. This is done to the right hand side and left hand side of the floor. Lean brace to approximate 45° angle to slip tab into floor slot. Stand brace upright with tab in place. See figure 15.

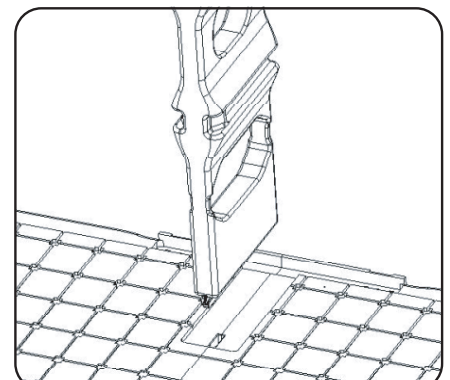


Figure 15

STEP 14

Take the center post (part #44012a and 44012 b) and place it into the grooves on the floor. Once this is done to the left and right sides attach the brace to the center post with the EasyboltsTM (item 5). Do this in 3 places on each brace. See figures 16 and 17.

Figure 16

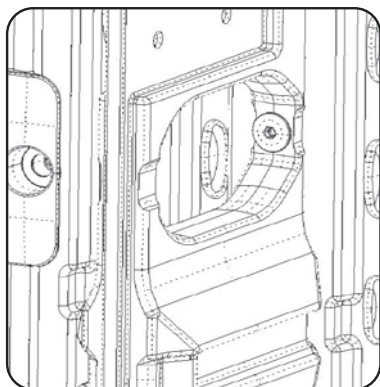
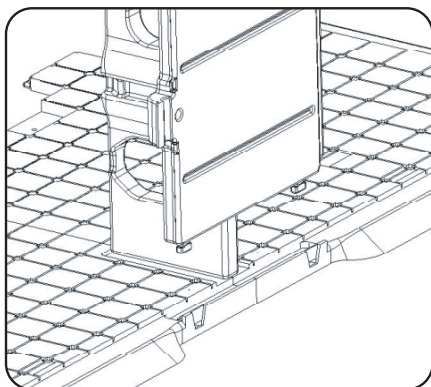


Figure 17

STEP 15

With the center posts in position, turn the floor locking nuts on each post into the locked position.

STEP 16

Load the lower roof truss (part #44018b or 44038l) onto the braces and slide into place over tabs. See figures 18 and 19.

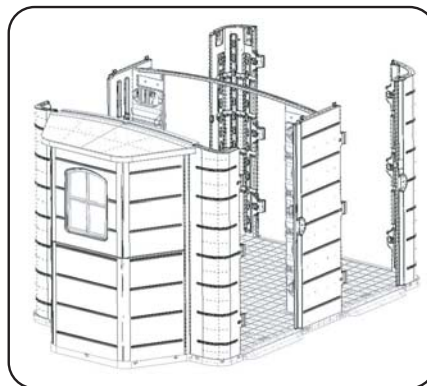
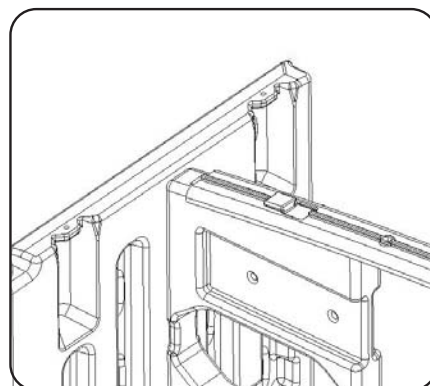


Figure 18

Figure 19



STEP 17

Snap the skylight (part# 44020) into the opening on the main roof (part# 44008 or 44033) Do this for both roofs. See figure 20.

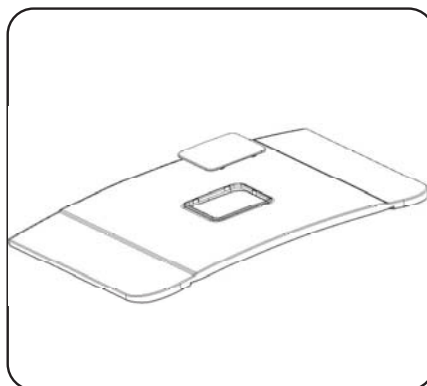


Figure 20

STEP 18

Once the skylights are in place on the main roofs, mount one of the main roofs on top of the bay roof, the rear corner posts and the 2 center posts. When the roof is in position, bolt the 2 rear corner posts to the main roof by using the easy bolts (item 5). The main roof and the bay roof are also required to be bolted together in the area provided. See figures 21 and 22.

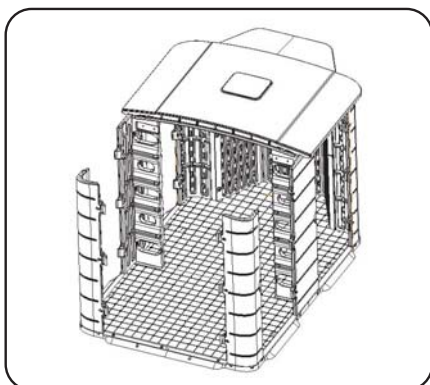


Figure 21

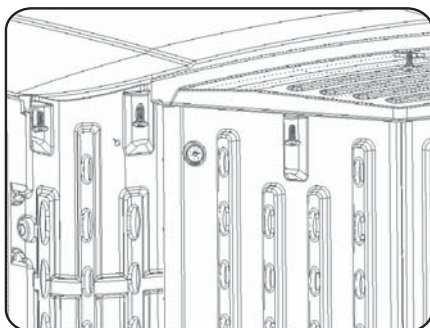


Figure 22

STEP 19

Place the second main roof with the skylight in place on the front corner posts and the center posts. Bolt the roof to these posts by using the easybolts (item 5) as in step 18. See figures 23 and 24.

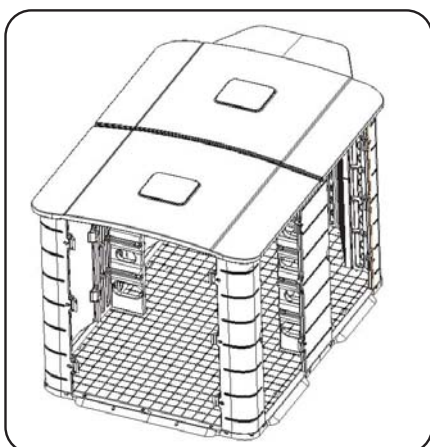


Figure 23

STEP 20

Now that the 2 main roofs are in position, bolt the 2 main roofs to the left hand and right hand center posts using the EasyBoltsTM (item 5). See figure 24.

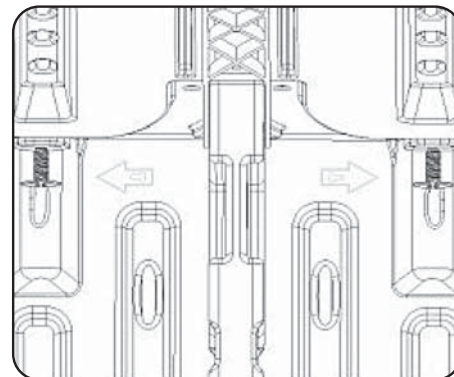


Figure 30

STEP 21

Now that the 2 main roofs are securely fastened to the corner posts and center posts, place the upper truss (part #44018a or 44038u) into the groove between the 2 main roofs. See figure 25.

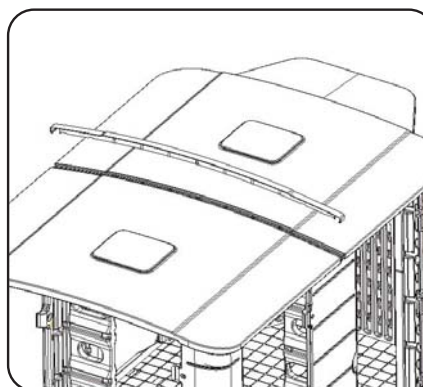


Figure 25

Once the upper truss is in place, fasten the lower and upper truss together with 7 pan head self-tapping screws (item# 3) that are provided with your shed package. This is typical in 7 places along the lower truss. See figure 26.

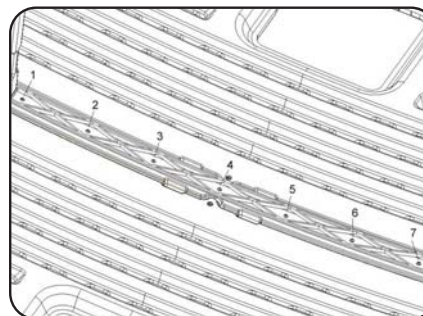


Figure 26

STEP 22

Assemble the 4 side doors (part #44007 or 44039) into position by placing the doors onto the clip of the rear corner posts and the 2 center posts respectively. This is required in 2 places on each side of the shed assembly. See figures 27 and 28.

Figure 27

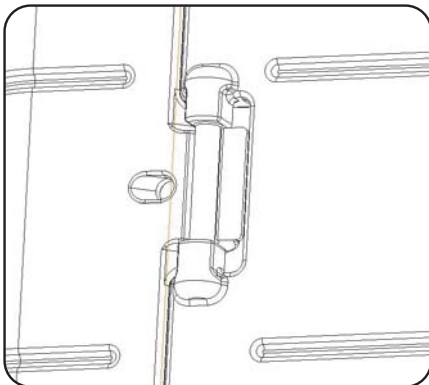
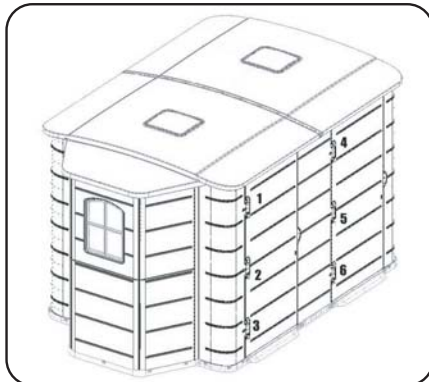


Figure 28

STEP 23

Now that the 4 side doors are in place on the hinge post, it's time to put on the hinge covers (part #44024) and the inside hinge covers (part #44035). It is best to open the door about 6 to 8 inches and have a person on the inside of the shed to easybolt (item 5) the hinge covers and the inside hinge covers to the rear corner posts and the center posts. This is to be done in 12 places. See figures 29 and 30.

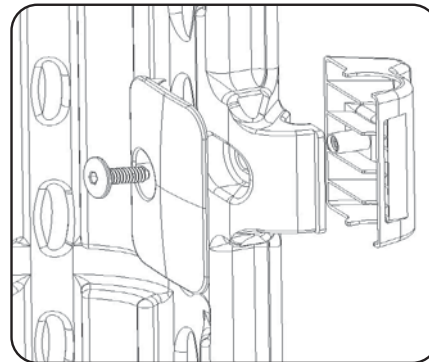
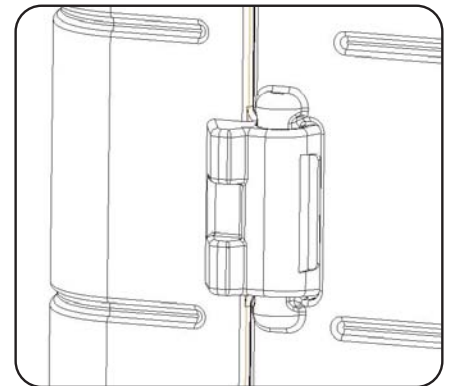


Figure 29

Figure 30



STEP 24

Repeat steps 21 and 22 for the front doors (part #'s 44005 and 44006). The front doors have a total of 6 hinge covers to assemble. See figure 31.

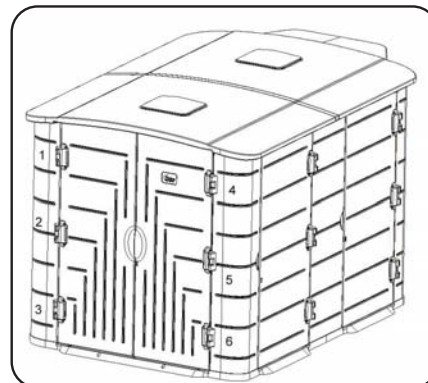


Figure 31

STEP 25

Each door has a feature that will allow it to be locked from the outside of the assembled shed. In order to assemble this feature the following steps must be taken:

- 1) Separate the hasp and cotter pin from each other see Figure 32 and 33.

Figure 32

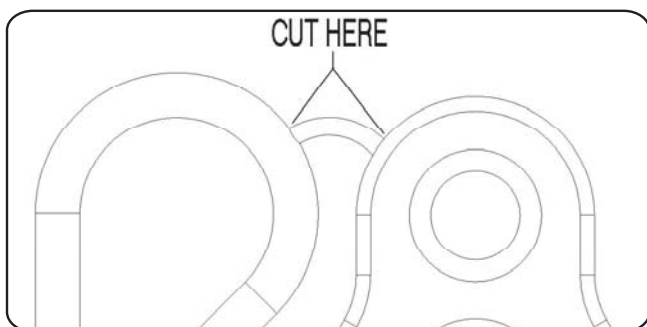
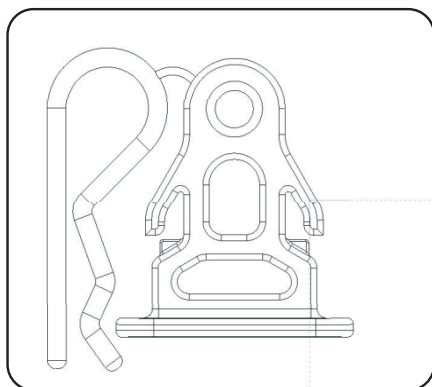


Figure 33

- 2) With the door open, place the hasp body (part #44030A) through the hole provided in the mating door panel. See figure 34.

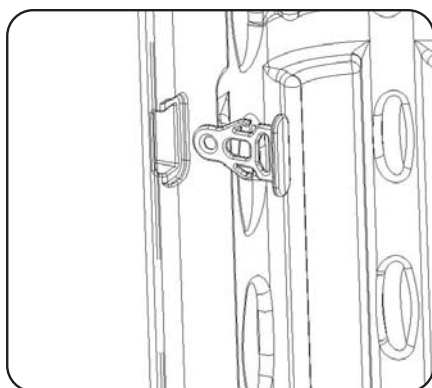


Figure 34

- 3) Snap the hasp cover plate (part #44030B) over top of the hasp body. See figure 35.

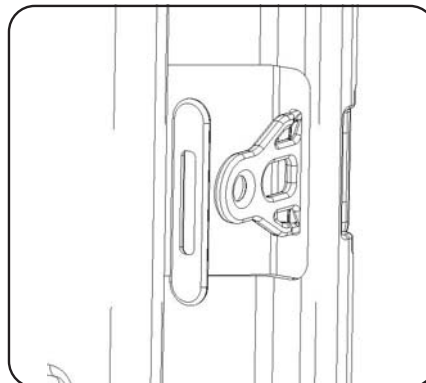
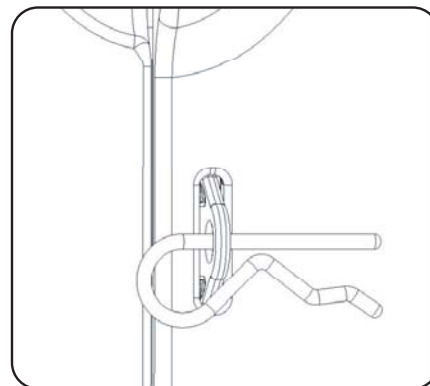


Figure 35

- 4) close the door and attach a lock (not provided with shed assembly package).
- 5) The cotter pin may also be used to hold the doors shut when locks are not in place. See figure 36.

Figure 36



The above steps may be completed in 5 places of the shed assembly.

Figure 37



STEP 26

As an added feature, the side doors of the shed can also be fastened (locked) from the inside of the shed. This can be done using the EasyBoltTM (item 5). See figure 37.

STEP 27

Load the 4 side shelves (part #44065) where desired. Figure 38 is an example of where to position the side shelves in the shed. Each side shelf requires 2 easy bolts for fastening. 1 easy bolt attaches to the brace (part # 44013) and 1 easy bolt attaches to the corner post. See figure 38a for brace attachment and see figure 38b for cornerpost attachment.

Figure 38

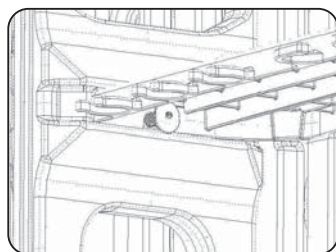
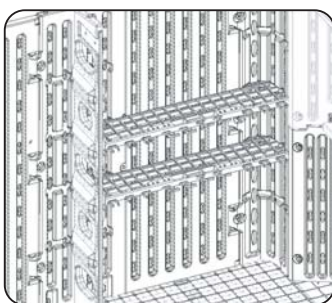


Figure 38A

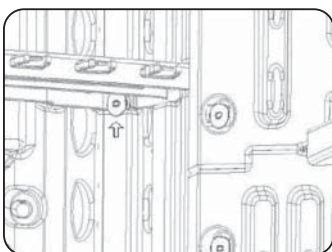
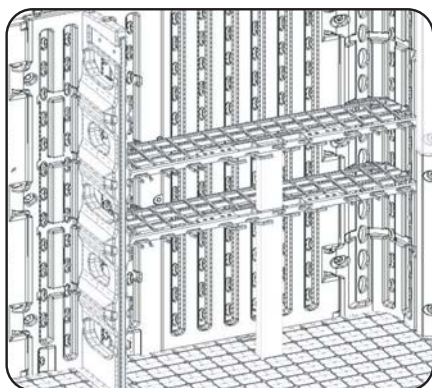


Figure 38B

STEP 28 (OPTIONAL)

A piece of 2x4 (not provided) can be inserted between the side shelves to provide additional strength. See figure 39.

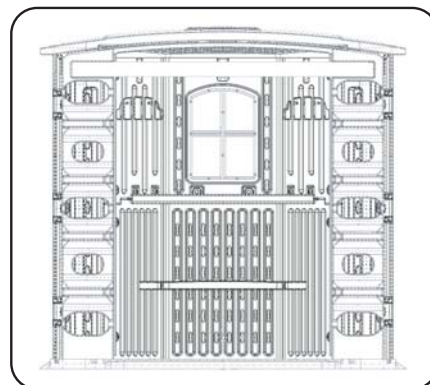
Figure 39



STEP 29 (OPTIONAL)

It is recommended for individuals living in heavy snowfall regions to fasten a piece of 2" x 4" wood (not provided) across the top of the left hand and right hand braces. This will add stability to the shed from side to side. See figure 40.

Figure 40



STEP 30 (OPTIONAL)

For additional stabilization of your shed against wind and other forces of nature, the floor may be staked to the ground. Stakes are not provided with the shed assembly. There are 8 places where holes can be drilled in the floor. See figure 41 and 42. The diameter of the drilled holes will be determined by the diameter of the stake.

Figure 41

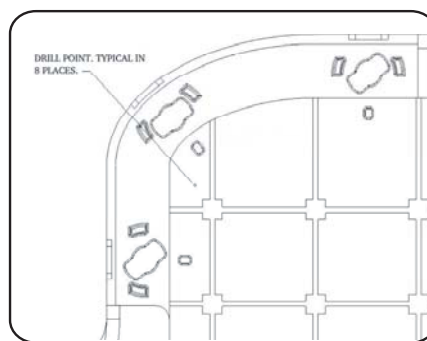


Figure 42

