

RELEASE DATE:	14-Oct-11	BY:	Geri Mohr
REVISION DATE:		REV	A
PRODUCT NAME:	Basic Starter Shelter		
PRODUCT NUMBER:	17005 (BS2-S2P)		



## **ASSEMBLY INSTRUCTIONS**

**SCOPE:**

This installation instruction will describe how to assemble a two-top shelter and secure it to a solid base.



**Tools Needed**

- |                    |                       |                           |
|--------------------|-----------------------|---------------------------|
| Carpenter's Level  | 3/16" Hex Wrench      | 3/8" Concrete Drill       |
| Carpenter's Square | 7/32" Hex Wrench      | Concrete Epoxy (optional) |
| Power Drill Motor  | 1/2" Socket or Wrench | Hammer Drill Motor        |



Lock Washer



Button Head Cap Screw



Carriage Bolt



Hex Head Screw



Flanged Lock Nut



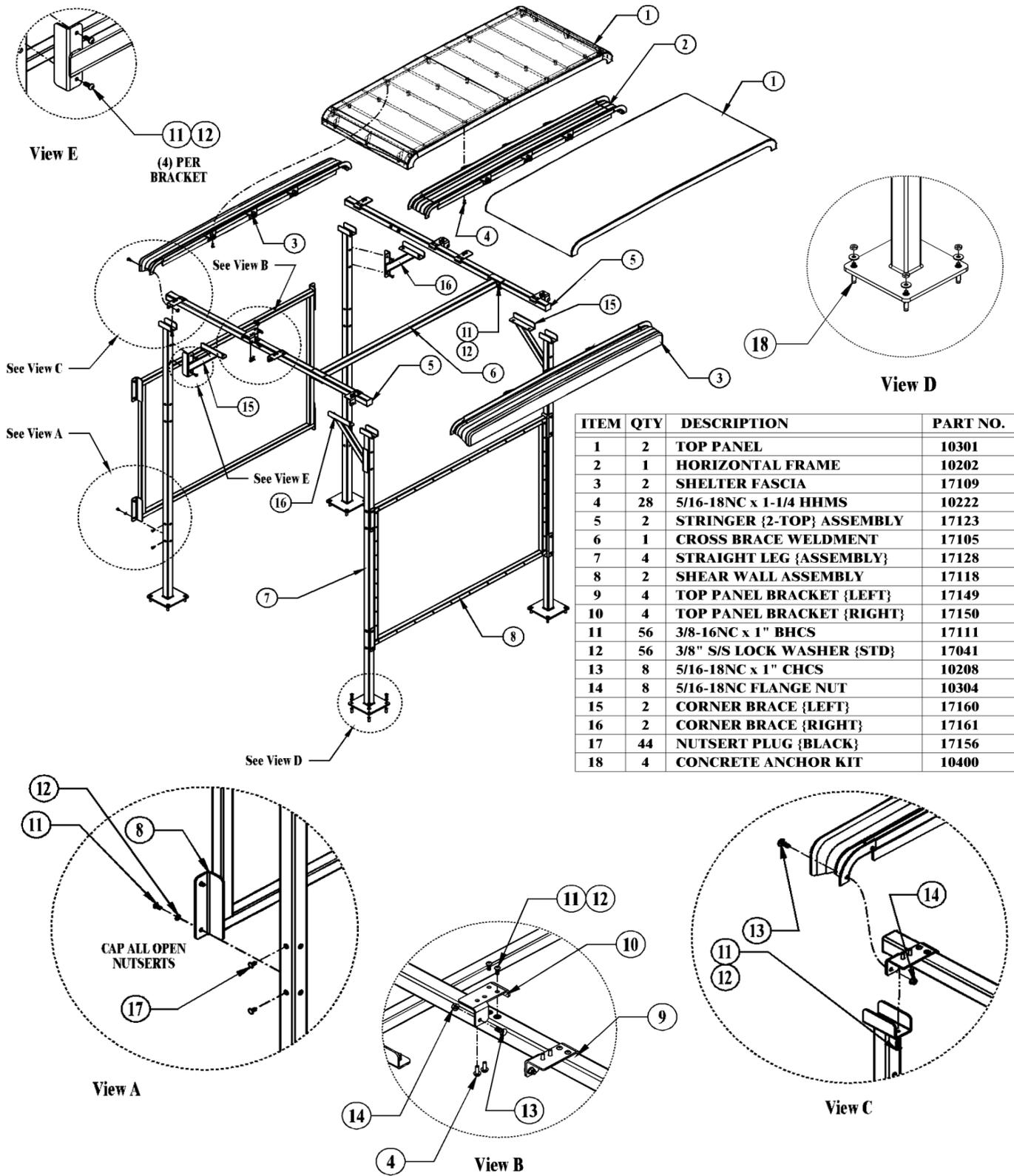
Anchor Bolt

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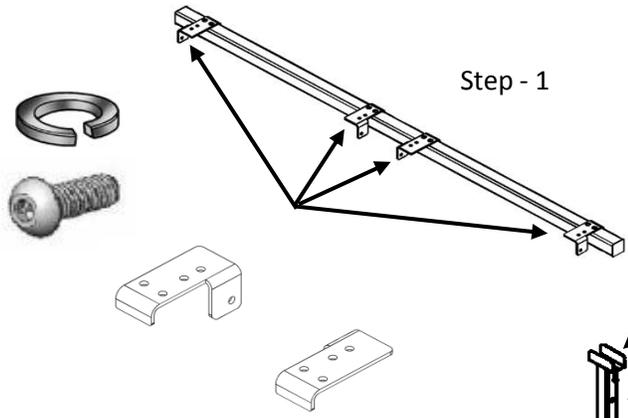


ITEM	QTY	DESCRIPTION	PART NO.
1	2	TOP PANEL	10301
2	1	HORIZONTAL FRAME	10202
3	2	SHELTER FASCIA	17109
4	28	5/16-18NC x 1-1/4 HHMS	10222
5	2	STRINGER {2-TOP} ASSEMBLY	17123
6	1	CROSS BRACE WELDMENT	17105
7	4	STRAIGHT LEG {ASSEMBLY}	17128
8	2	SHEAR WALL ASSEMBLY	17118
9	4	TOP PANEL BRACKET {LEFT}	17149
10	4	TOP PANEL BRACKET {RIGHT}	17150
11	56	3/8-16NC x 1" BHCS	17111
12	56	3/8" S/S LOCK WASHER {STD}	17041
13	8	5/16-18NC x 1" CHCS	10208
14	8	5/16-18NC FLANGE NUT	10304
15	2	CORNER BRACE {LEFT}	17160
16	2	CORNER BRACE {RIGHT}	17161
17	44	NUTSERT PLUG {BLACK}	17156
18	4	CONCRETE ANCHOR KIT	10400

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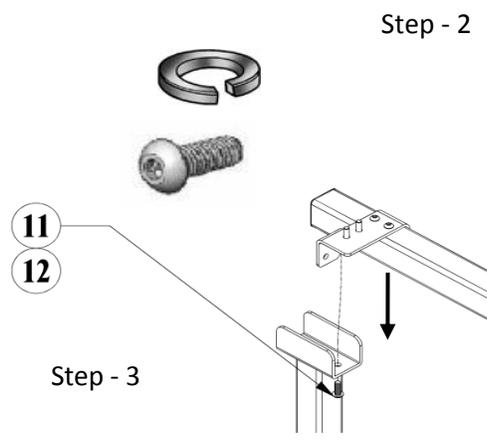


## ASSEMBLY INSTRUCTIONS



Step - 1

1 Mount (2) pair of LH (17149) and RH (17150) panel brackets to the stringers (17123) using 3/8" screws (17111) and lock washer (17041).



Step - 2

2 Separate the four legs from the packaging. There are (4) common legs (17128). Top holes on the legs need to face outward.

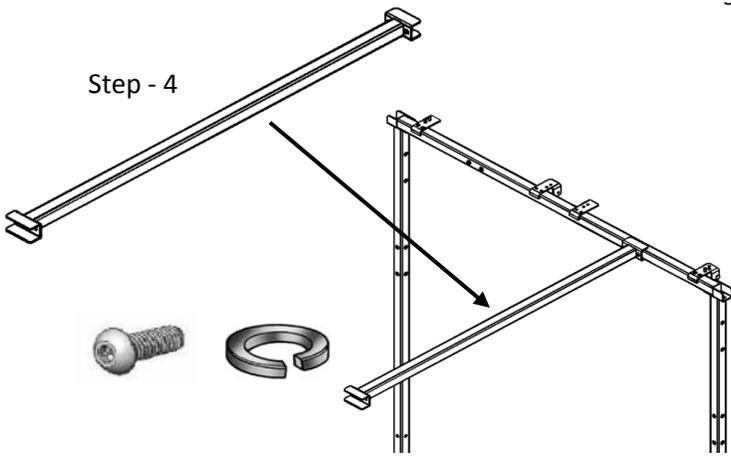
3 Using the 3/8" screw (17111) and lock washer (17041) locate and fasten the stringer (17123) to the front/rear legs sets at the "U" shaped saddle on top of the legs

4 Locate and mount the Cross Brace (17105) to one set of Leg/Stringers using 3/8" screws (17111) and lock washer (17041).

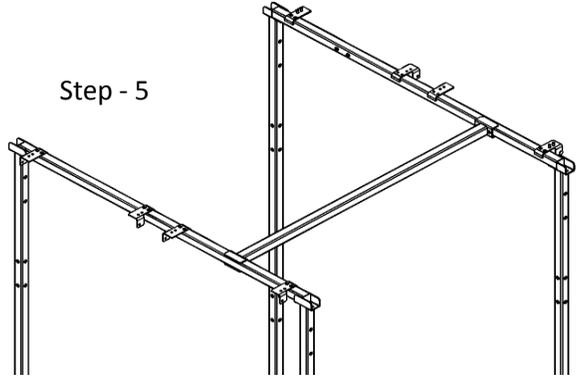
Stand up one set of Legs/Cross Brace and mount to the remaining set of Legs/Stringer. Fasten together using the 3/8" screws (17111) and lock washers (17041). The framework should stand by itself

**SQUARE THE LEGS AND STRINGERS BEFORE TIGHTENING**

5 Adjust the leg spacing so they are all on the same outside dimension, including corner to corner



Step - 4



Step - 5

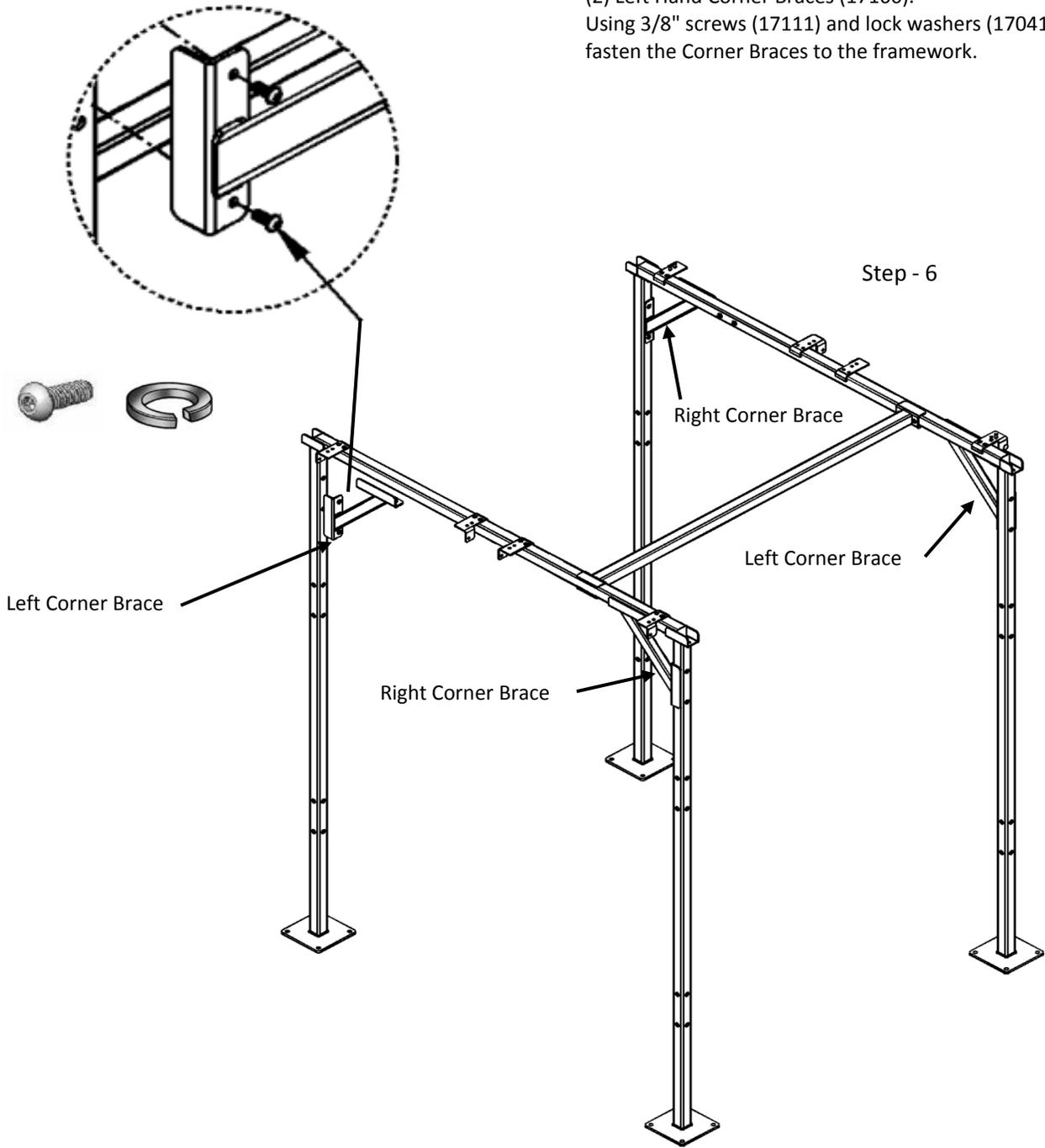
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## **ASSEMBLY INSTRUCTIONS**

- 6 Locate (2) Right Hand Corner Braces (17161) and (2) Left Hand Corner Braces (17160). Using 3/8" screws (17111) and lock washers (17041) fasten the Corner Braces to the framework.

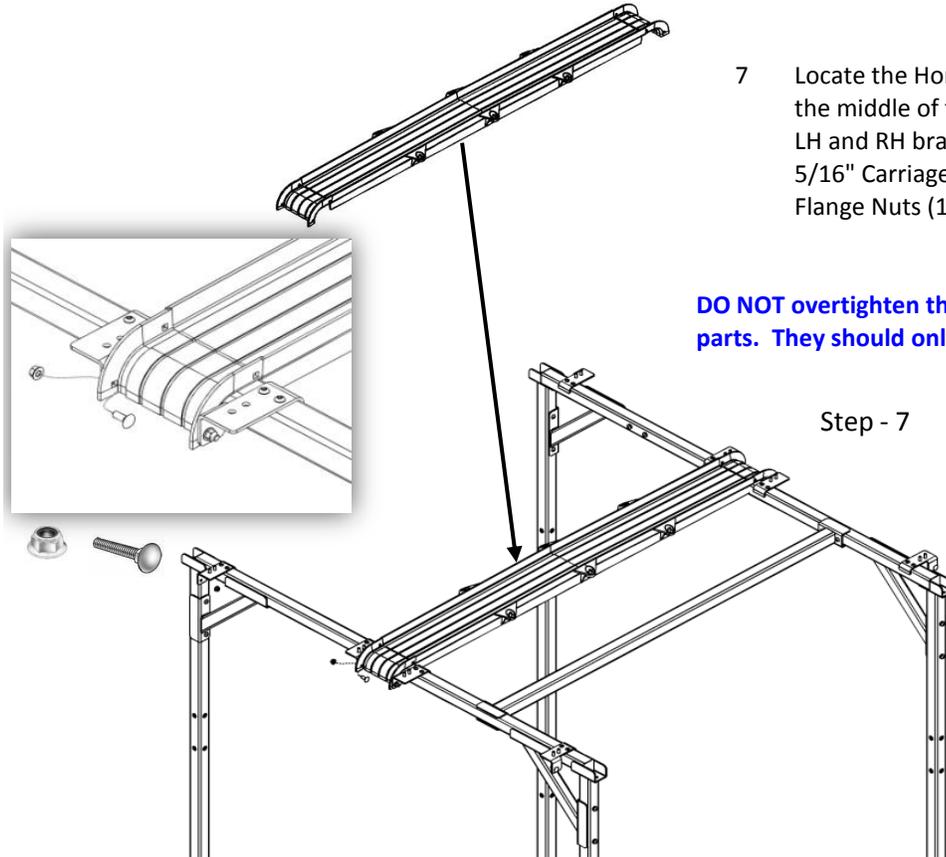


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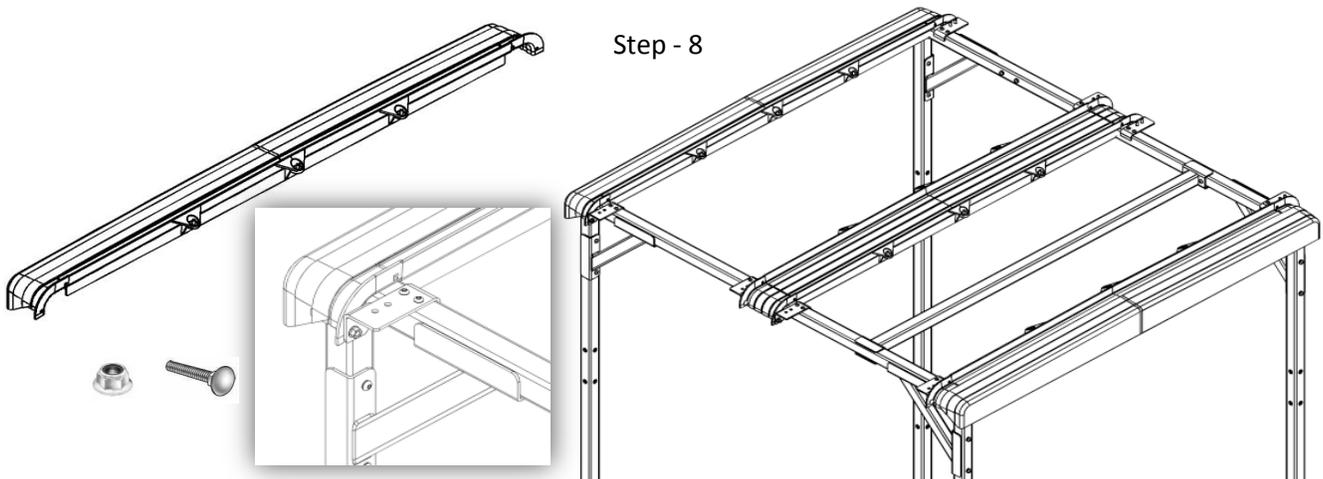
## ASSEMBLY INSTRUCTIONS



- 7 Locate the Horizontal Frame (10202) down the middle of the leg framework using the LH and RH brackets. Fasten with 5/16" Carriage Bolts (10208) and Flange Nuts (10304).

**DO NOT overtighten the fasteners to the SMC plastic parts. They should only be wrench snug!**

Step - 7



Step - 8

- 8 Locate the Fascia Assembly (17109) along the outside of each leg framework. Using the 5/16" Carriage Bolts (10208) and Flange Nuts (10304) attach to the LH and RH brackets.

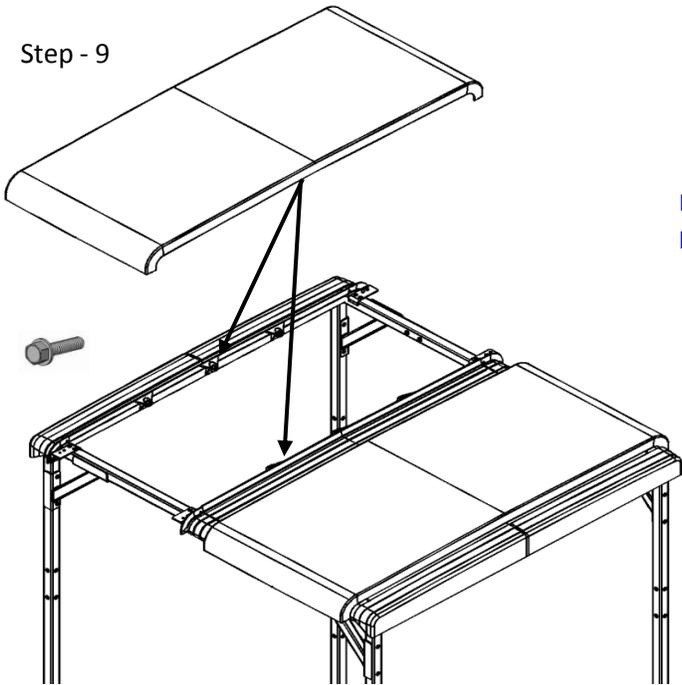
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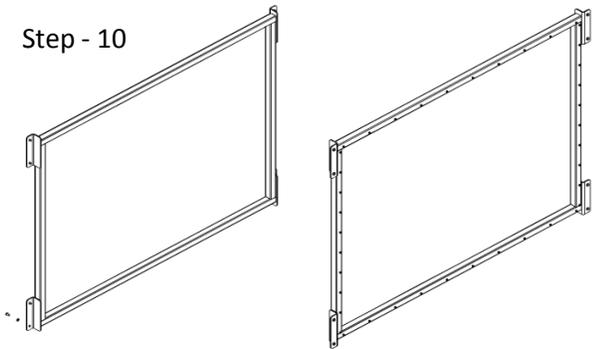
Step - 9



9 Assemble the Top Panels (10301) to the Horizontal Frame (10202) and the Fascia Assembly (17109) using the 5/16" Hex Screws (10222).

**DO NOT overtighten the fasteners to the SMC plastic parts. They should only be wrench snug!**

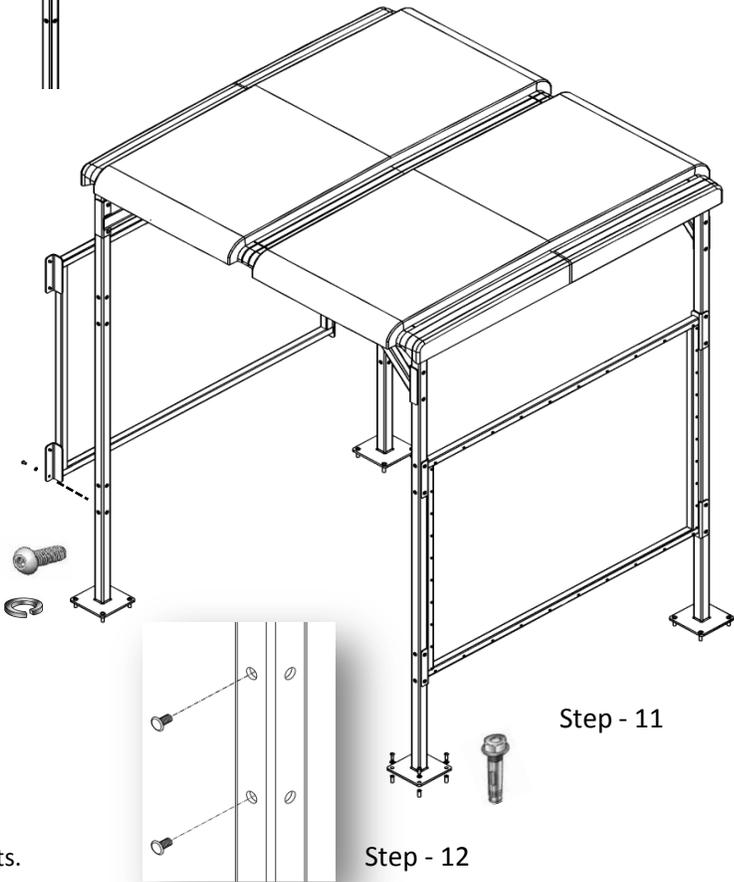
Step - 10



10 Locate and mount both Side Walls (17118) to the legs using the 3/8" screws (17111) and lock washers (17041).

11 Layout anchor bolt pattern using assembled shelter. Drill 3/8" diameter X 2" deep hole through the base plates and insert the anchors into holes (use the concrete epoxy for additional holding strength). Bolt through base plates into anchors.

12 Insert Nutsert Plugs (17156) into all open nutserts.



Step - 11

Step - 12

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