

Simple Modern Outdoor Sectional Armless Section

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Difficulty: **Beginner**

The most important piece of our Simple Modern Outdoor Sectional. Featuring armless sides, works with the corner/end piece to create a modern outdoor sectional.



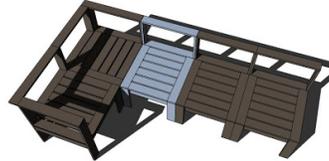
About Project

Do you need a customizable easy to build sectional for your outdoor space that is affordable and stylish? But the price (<http://www.westelm.com/products/g085/popup/more-views.html>) is still intimidating to you?



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Does this look intimidating to you to build it yourself?



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Don't be intimidated. You can build just one section of this sectional at a time.



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And build as many as you need to fit your space. And yes, corners and ends are the same, so there are just two plans to create this collection.



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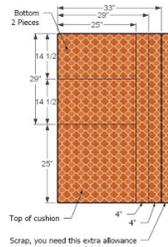
Okay, if you choose to build this many, you might want to hire the neighbor's teenager or invest in a paint sprayer. And enlist your aunt for some sewing assistance.

Cushion Dilemma

One of the things I am very aware of when designing a plan is making sure you get the complete package. If I had chosen to keep the exact dimensions as the Wood Slat Sectional from West Elm (<http://www.westelm.com/products/g085/popup/more-views.html>), you would not be able to buy cushions to match the sectional (West Elm

doesn't sell just the cushions). The seat dimensions for that collection is 27 1/2" x 27 1/2", a full 1x4 wider. So you would also not be able to make cushions to match because a standard foam piece is 24" wide (like this one from Joanns, (<http://www.joanns.com/joann/catalog/productdetail.jsp?productName=search&flag=true&PRODID=prd14652>) make sure you clip your 50% off coupon to score the foam at about \$6 a cushion).

You can buy cushions to fit, just make sure they are a standard 24" x 24" like these from Target (http://www.target.com/Patio-Cushion-Pattern-Outdoor-Bottom/dp/B003BWLE6I/ref=scr_1_3?ie=UTF8&searchView=grid&qid=1274067768&fromBrowse=0&fromSearch=true&node=1038576%7C1287991011&keywords=deep%20cushion&searchSize=90&id=Patior%20Cushion%20Pattern%20Outdoor%20Bottom&searchBinNameList=purchasing_channel%2Csubject%2Ctarget_com_character-bin%2Cprice%2Ctarget_com_primary_color-bin%2Ctarget_com_size-bin%2Ctarget_com_brand-bin&searchNodeID=1038576%7C1287991011&searchRank=target104545&sr=1-3&searchPage=1). For the backs, I like the loose cushions like Room and Board does here (<http://www.roomandboard.com/rb/product/detail.do?productGroup=4281&catalog=filter&menuCatalog=room&menuSubcategory=205797>), and you can buy matching backs at Target here (http://www.target.com/Patio-Cushion-Beige-Pattern-Outdoor/dp/B003BWLE0Y/ref=scr_qi_detaillink). In other words, you don't have to sew box cushions for the backs. But if you do choose to sew your own box cushions, the dimensions need to be at least 24" wide and 12" tall.

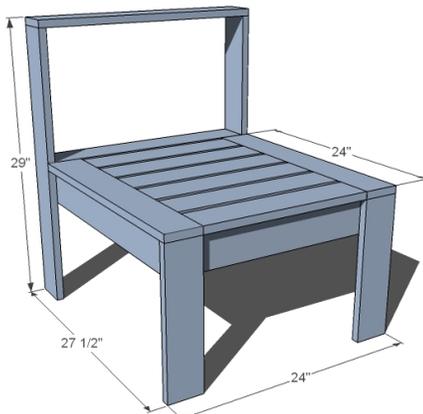


(http://4.bp.blogspot.com/_LodZ9etRvTw/S_C_6unz00/AAAAAAAAAHcG/ZUUGrOcMAAs/s1600/knockoffwood+cushions.jpg)

And if you did choose to sew your own box cushions, I've put together a quick post on how I would sew my own box cushions here ([/2010/05/sewing-cushions-for-simple-outdoor.html](http://2010/05/sewing-cushions-for-simple-outdoor.html)).

Also note that the pieces to this sectional are slightly smaller (except remain the same height) as the West Elm collection so that you have the opportunity to buy or sew your own cushions to a standard 24" width size.

Dimensions



Dimensions displayed in the diagram

Preparation

SHOPPING LIST

- 5 – 1x4 Boards, 8' Long
- 2" Screws
- 1 1/4" Screws
- Wood Glue
- Wood Filler

COMMON MATERIALS

- Elmer's Wood Glue (<http://elmers.com/diy>)
- Elmer's Wood Filler (<http://elmers.com/products/wood-filler-and-other-repair?filters=construction#>)
- 120 grit sandpaper
- primer
- wood conditioner
- paint
- paint brush

CUT LIST

- 2 – 1x4 @ 26" (Seat Side Aprons)
- 1 – 1x4 @ 21" (Seat Front Apron)
- 2 – 1x4 @ 25 1/4" (Seat Supports)
- 2 – 1x4 @ 24" (Seat Sides)
- 6 – 1x4 @ 17" (Seat Boards)
- 2 – 1x4 @ 14 1/4" (Front Legs)
- 2 – 1x4 @ 28 1/4" (Back Legs)
- 1 – 1x4 @ 24" (Back Top)
- 2 – 1x4 @ 22 1/2" (Seat Back Board and Seat Back Apron)

TOOLS



Tape Measure



Speed Square



Pencil



Safety Glasses



Ear Protection



Kreg Jig



Drill



Circular Saw



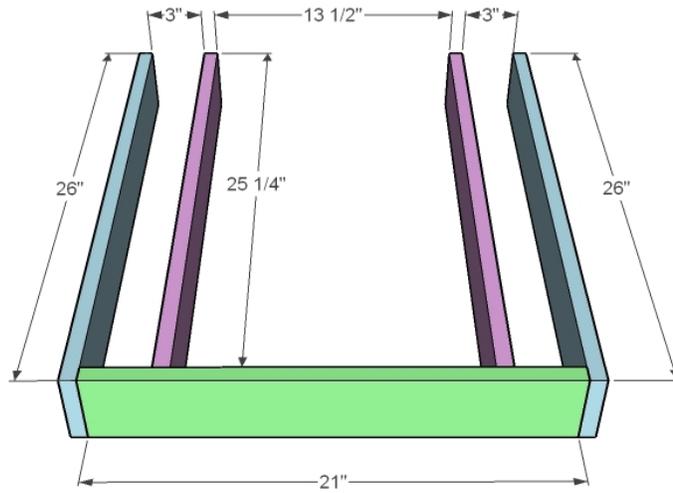
Sander

GENERAL INSTRUCTIONS

Make sure you are working on a clean level surface. Predrill and countersink you screws. Take a square after each step. Be safe and have fun. And use glue.

Instructions

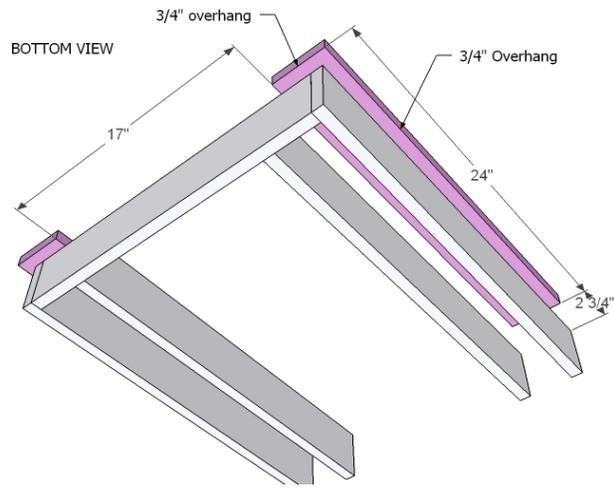
STEP 1



Seat Aprons and Supports

Use 2" screws and glue to build your seat aprons and supports as shown above. If you are using a Kreg Jig™ (<http://www.kregtool.com/files/anawhite/anawhite.asp>), first fasten the green board to the blue board, then fasten the purple boards to the green boards.

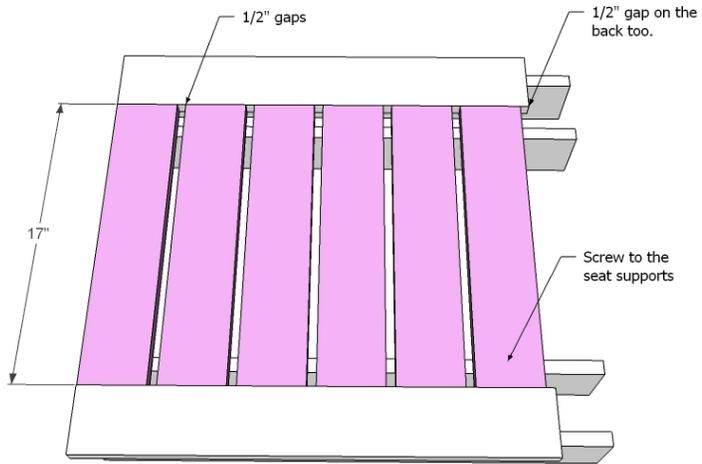
STEP 2



Seat Sides

Mark your seat boards $3/4$ " on one side and the front side. Fasten to the tops of the seat, screwing to both the front and side aprons as shown above. If you are using the Kreg Jig™ (<http://www.kregtool.com/files/anawhite/anawhite.asp>), it is a good idea to assemble your entire seat as done in step 3, and also you should first drill pocket holes in the side and front aprons before assembling in step 1.

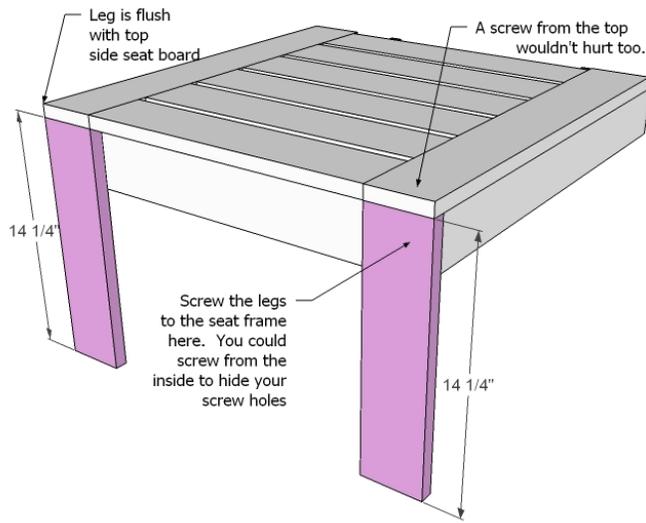
STEP 3



Seat Boards

Use 2" screws and glue to fasten your seat boards to the seat supports. If you are using the Kreg Jig™ (<http://www.kregtool.com/files/anawhite/anawhite.asp>), you would already have built the entire seat and now just need to fasten the seat to the aprons and supports.

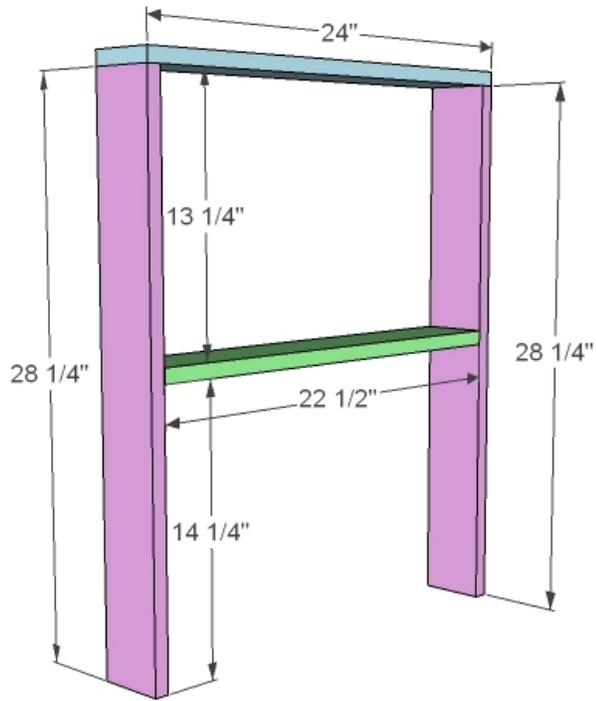
STEP 4



Front Legs

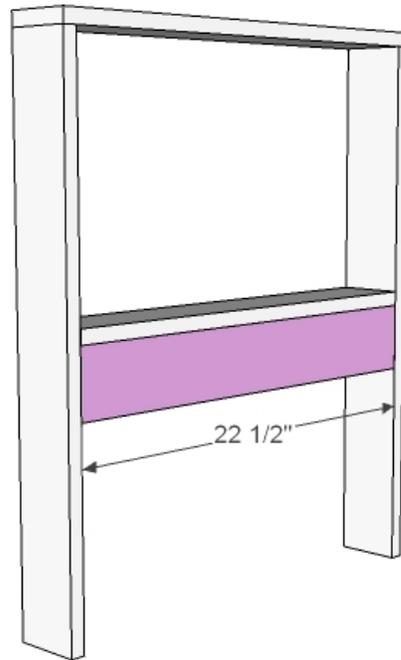
The easiest way to attach the front legs is from the inside of the seat. Use 1 1/4" screws and glue. It's also not a bad idea to add a 2" screw from the top of the seat and also a 2" screw into the side apron from the front of the leg.

STEP 5



STEP 6

BACK VIEW

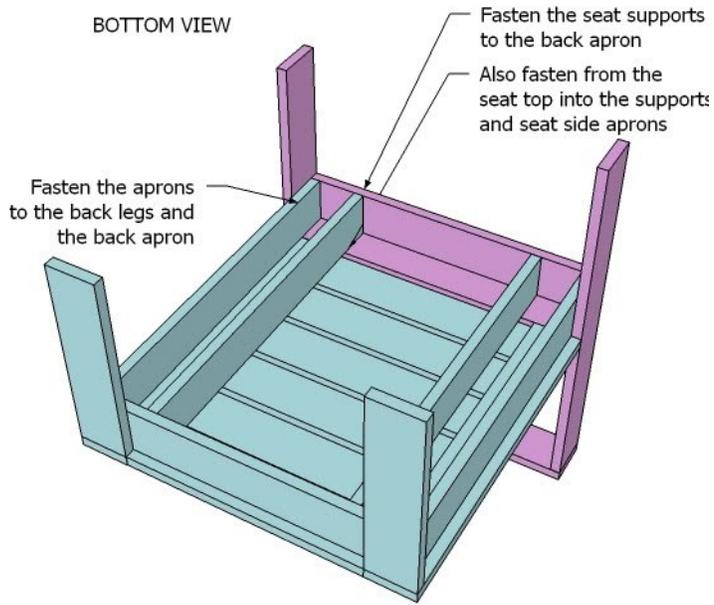


Seat Back Apron

Use 2" screws and glue to fasten your seat back apron to both the back seat board and the back legs, as shown above. If you are using the Kreg Jig™ (<http://www.kregtool.com/files/anawhite/anawhite.asp>), you can simply fasten from the insides of the back apron to hide your pocket holes.

STEP 7

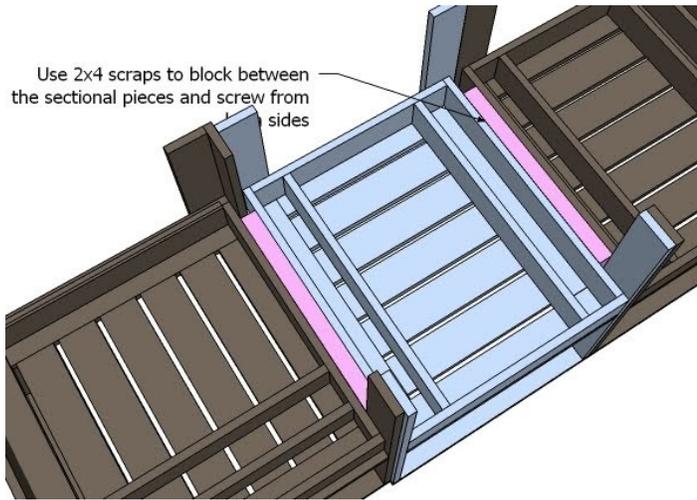
BOTTOM VIEW



Assembling the Back and Front

As shown above, fasten the seat back to the seat front. Use glue and 2" screws, except use 1 1/4" screws when fastening to the back.

STEP 8



Securing Sectional Pieces Together

You are going to want to secure the sectional pieces together. Simply cut 2x4s to fit (shown in purple above) and place between the sectional pieces. Then screw together. You can also screw the legs together using 1 1/4" screws.

STEP 9



You can go here to see how I would sew my own cushions. See also the above diagram, you may wish to add an additional 1x4 scrap as shown above to keep your back cushions from falling in.

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