

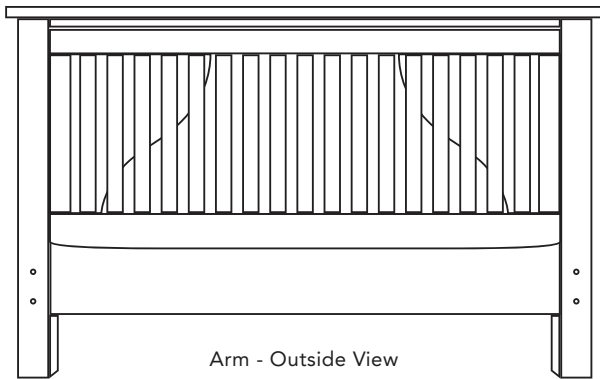


Tiro Arms

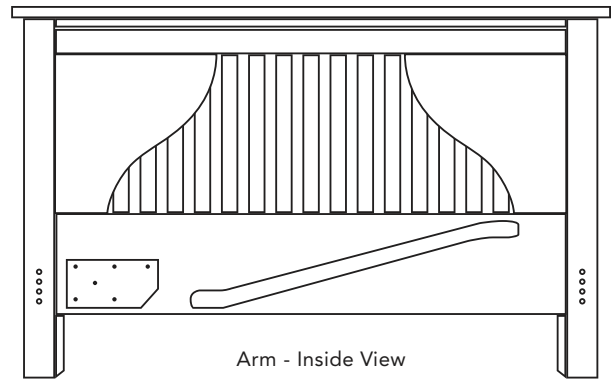
1A

Watch our assembly videos at www.stratafurniture.com/videos.html

Parts in the Arm Box:



Arm - Outside View



Arm - Inside View

1B

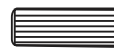
Hardware in this Box:



Bolts (80mm) x 8



Barrel Nuts x 8



Wooden Dowels x 8



Wood Buttons x 8



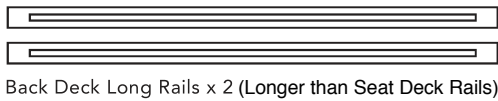
Thank you for purchasing one of our products! We hope the instructions below make the process go smoothly. We strive to have high quality products and perform numerous quality control steps to ensure all the hardware is provided and no issues occur during assembly. In the rare case something is missing, please contact us directly during business hours at (763) 786-3784 or after hours at (763) 592-9093. You can also reach us at info@stratafurniture.com. Also, if one of the steps below do not make sense and you need help figuring it out, we are more than glad to walk you through the assembly. We hope you enjoy your futon!

Coach Frame Assembly Instructions

1A

Watch our assembly videos at www.stratafurniture.com/videos

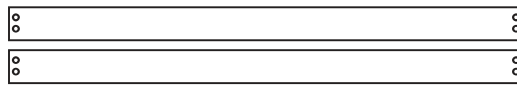
Parts in Box 1:



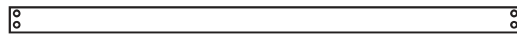
Back Deck Long Rails x 2 (Longer than Seat Deck Rails)



Seat Deck Long Rails x 2



Stretcher x 2



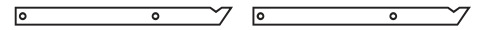
Foot Connector Bar x 1



Advance Arms x 2

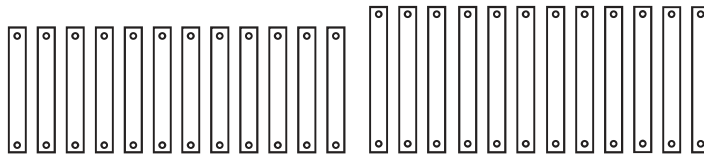


Seat Deck End Caps x 2
with the Feet attached



Back Deck End Caps x 2

Parts in Box 2:



Back Deck Slats x 12*

Seat Deck Slats x 12*

* Queen size frames have 26 identical size slats, 13 for each deck

1B

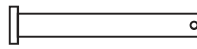
Hardware (received in Box 1):



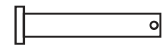
Bolts (60mm) x 14



Bolts (30mm) x 48*
For the Slats



Long Clevis Pins
x 2



Short Clevis Pins
x 2



Long Sleeve
x 2



Short Sleeve
x 4



Locking Pins
x 4



Barrel Nuts
x 8



Washers
x 8



Wood Buttons
x 4



Wooden Dowels
x 16



Plastic Runner
x 2



Short Allen Key (5mm)
x 1



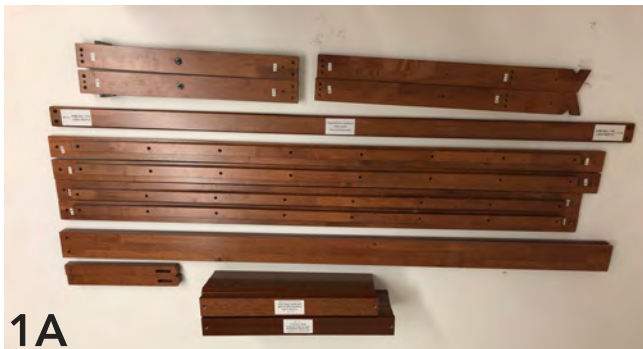
Long Allen Key (4mm)
x 1



Wrench x 1
For the Feet



Strap
x 1



1A

Parts in **two body boxes**, arms not shown



1B

Hardware in **Body Box**

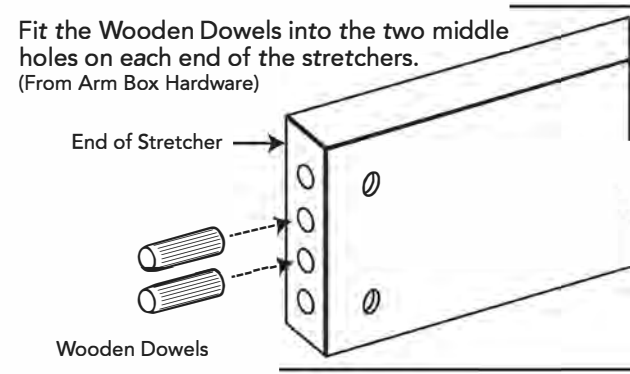


Hardware in **Arm Box**
-not shown above-

Coach Frame Assembly Instructions

2A

Fit the Wooden Dowels into the two middle holes on each end of the stretchers.
(From Arm Box Hardware)



2B

Watch our assembly videos at www.stratafurniture.com/videos

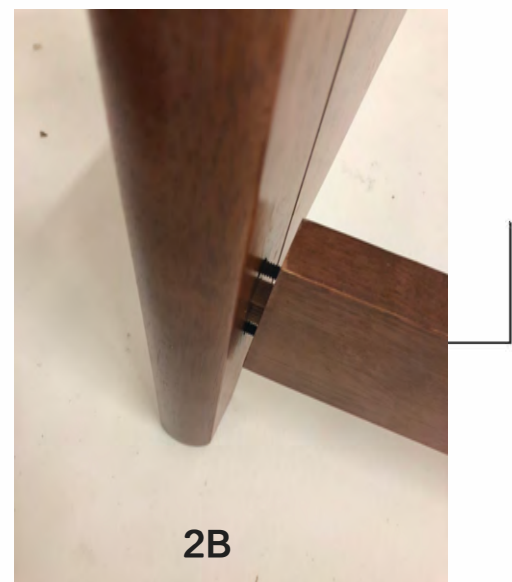
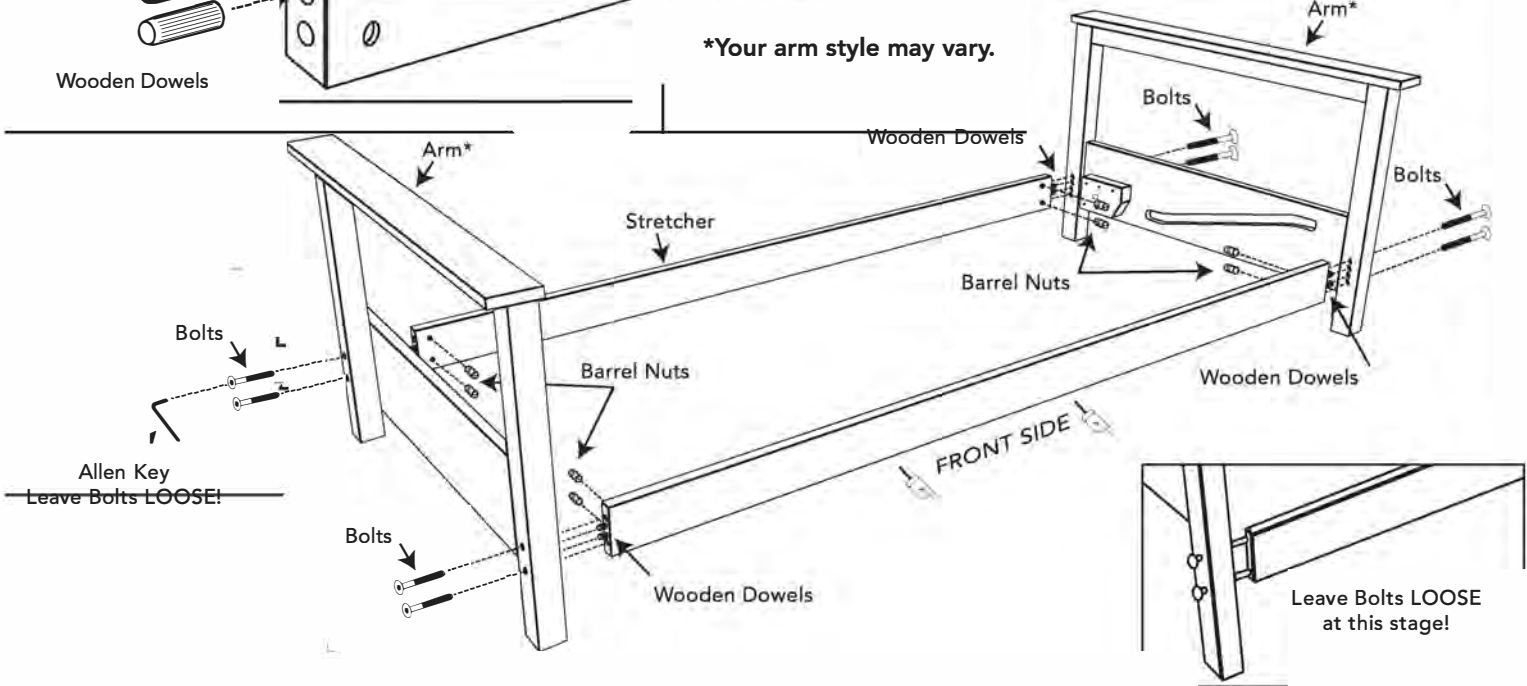
Attach the Arms* to the Stretchers using separate hardware received in arm box.

Be patient, it can be tricky to start the bolts in the nuts - a screwdriver will help you line up the Barrel Nut with the Bolt.

Drive the Bolts in until they just catch the Nuts.

It is important that these bolts are left loose!

**Your arm style may vary.*



Coach Frame Assembly Instructions

3A

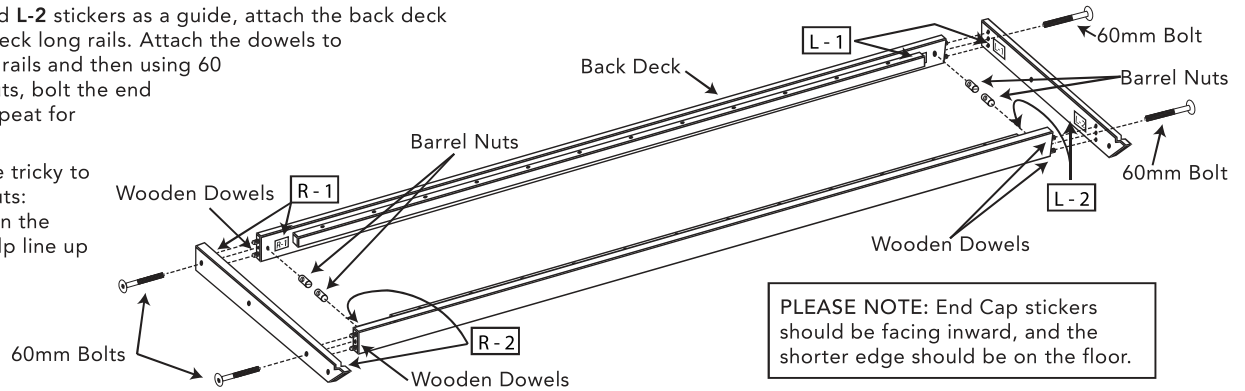
Watch our assembly videos at www.stratafurniture.com/videos

Attach the End Caps to the Back Deck.

Using R-1, R-2, L-1, and L-2 stickers as a guide, attach the back deck end caps to the back deck long rails. Attach the dowels to the back deck end cap rails and then using 60 mm bolts and barrel nuts, bolt the end cap to the long rail. Repeat for all four junctions.

Be patient, it can be tricky to start the bolts in the nuts: holding the barrel nut in the correct position will help line up the bolts.

Use the longer rails for the back deck

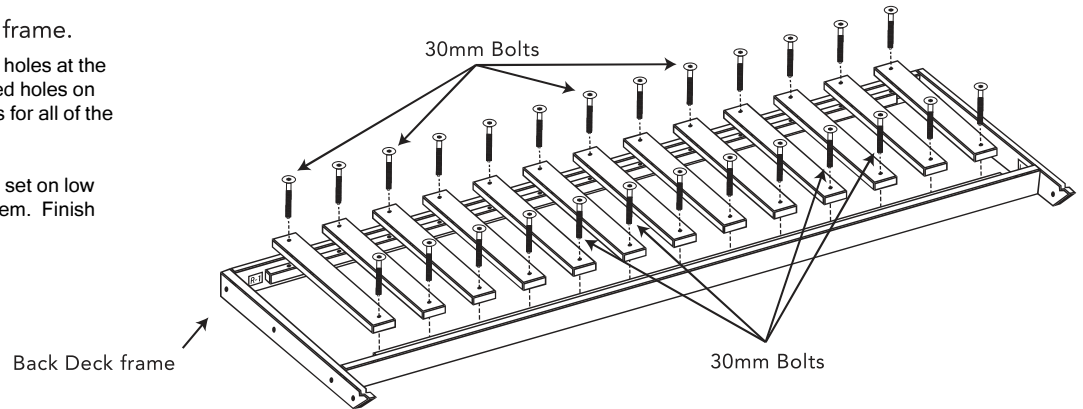


3B

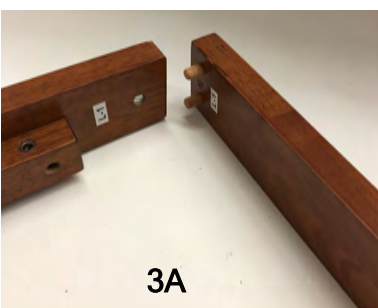
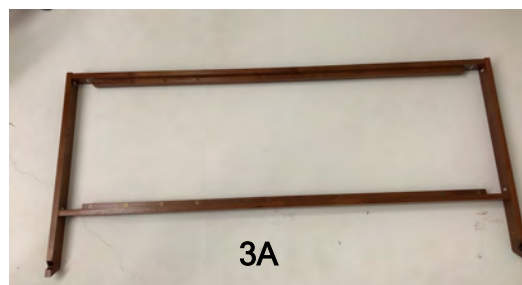
Attach the Slats to the Back Deck frame.

Put a 30mm bolt through the counter-sunk holes at the end of each slat and then into the pre-drilled holes on the back deck support boards. Repeat this for all of the slats and tighten all bolts securely.

You can use a power driver with the clutch set on low to snug up the bolts after you hand start them. Finish tightening them by hand only.



For full size frames, use the shorter slats for the back deck. Queen size frames use the same size slats on both decks.



Full size Slats shown.
Queen size uses 13
of the same size slats
for each deck



Completed left side of back deck

Coach Frame Assembly Instructions

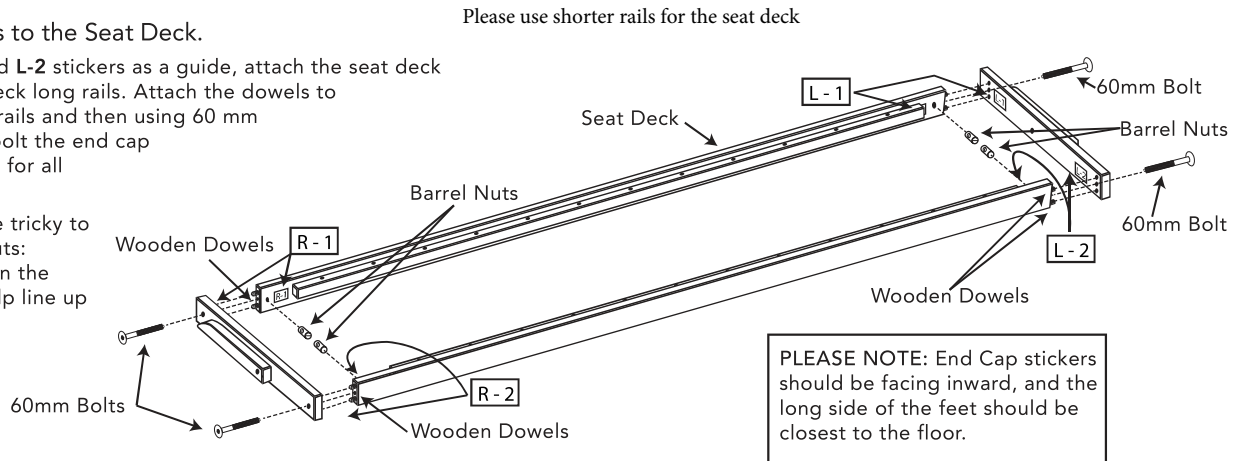
4A

Watch our videos at www.stratafurniture.com/videos

Attach the End Caps to the Seat Deck.

Using R-1, R-2, L-1, and L-2 stickers as a guide, attach the seat deck end caps to the seat deck long rails. Attach the dowels to the seat deck end cap rails and then using 60 mm bolts and barrel nuts, bolt the end cap to the long rail. Repeat for all four junctions.

Be patient, it can be tricky to start the bolts in the nuts: holding the barrel nut in the correct position will help line up the bolts.

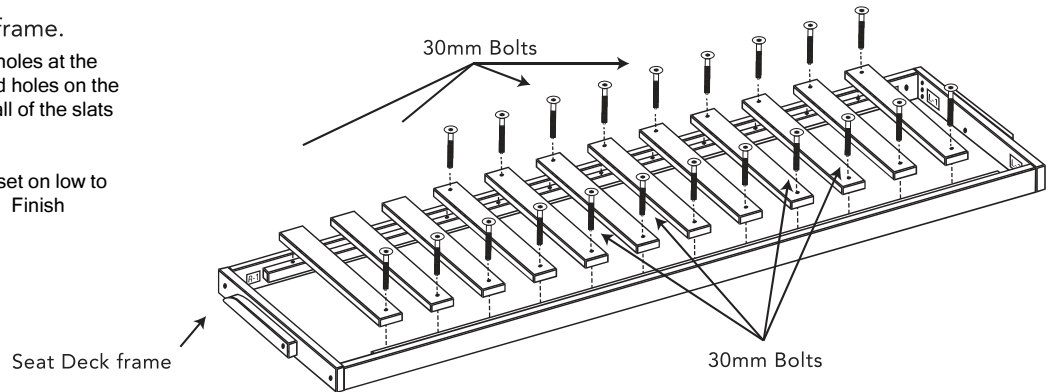


4B

Attach the Slats to the Seat Deck frame.

Put a 30mm bolt through the counter-sunk holes at the end of each slat and then into the pre-drilled holes on the seat deck support boards. Repeat this for all of the slats and tighten all bolts securely.

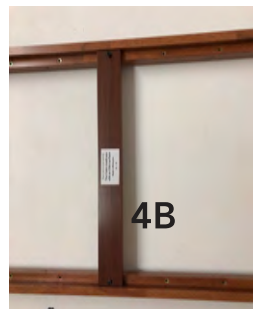
You can use a power driver with the clutch set on low to snug up the bolts after you hand start them. Finish tightening them by hand only.



For full size frames use the longer slats on the seat deck. Queen size frames use the same size slats for both decks.



Full size slats are shown here. Queen size uses 13 of the same size slats for each deck



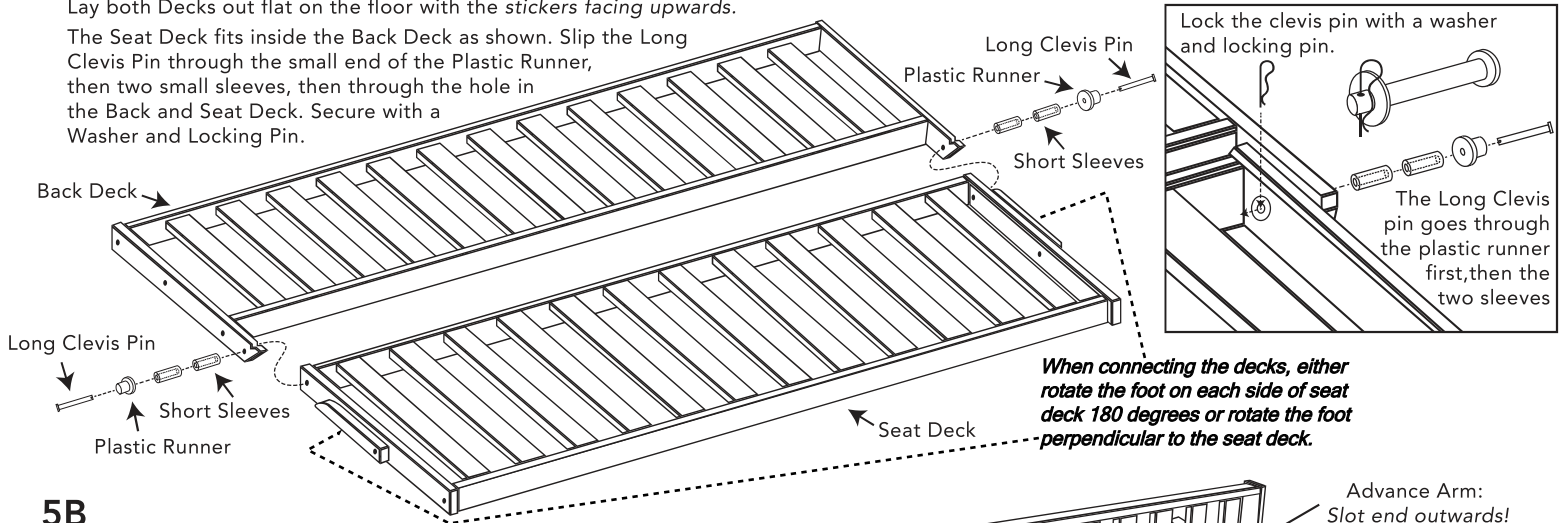
5A

Watch our videos at www.stratafurniture.com/videos

Join the Seat and Back Deck together.

Lay both Decks out flat on the floor with the stickers facing upwards.

The Seat Deck fits inside the Back Deck as shown. Slip the Long Clevis Pin through the small end of the Plastic Runner, then two small sleeves, then through the hole in the Back and Seat Deck. Secure with a Washer and Locking Pin.

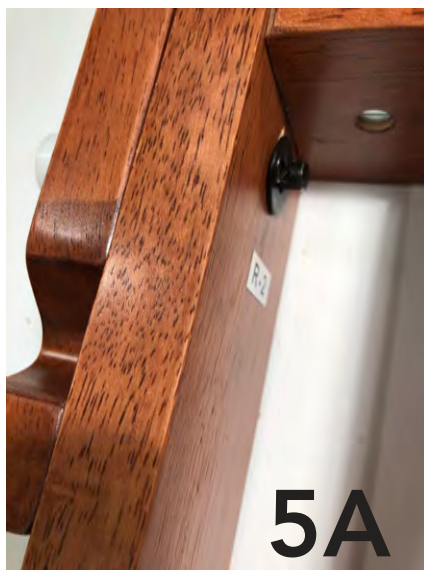
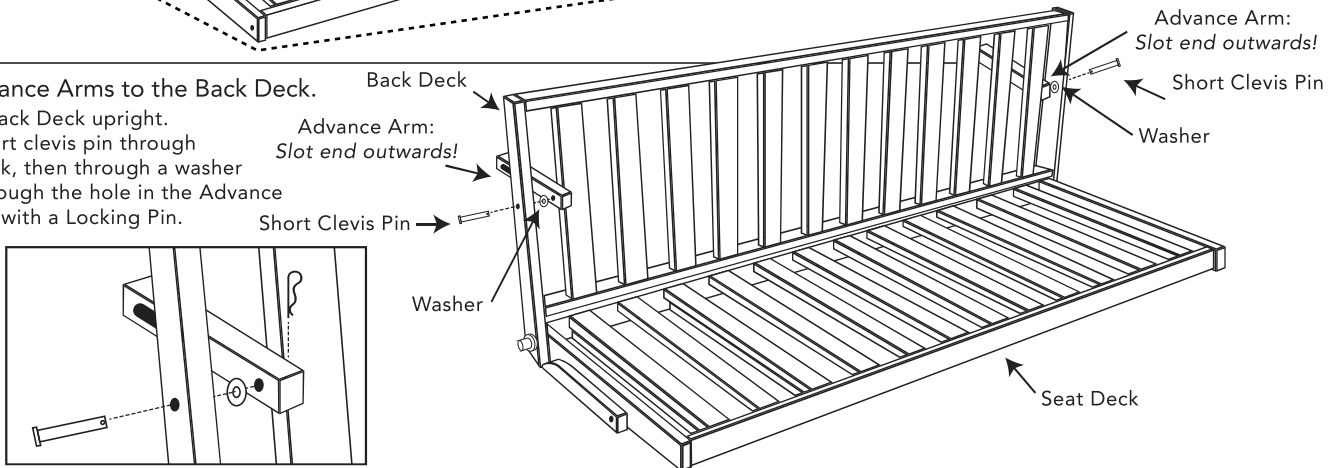


5B

Fit the Advance Arms to the Back Deck.

Rotate the Back Deck upright.

Slide the short clevis pin through the back deck, then through a washer and then through the hole in the Advance Arm. Secure with a Locking Pin.



Coach Frame Assembly Instructions

6A

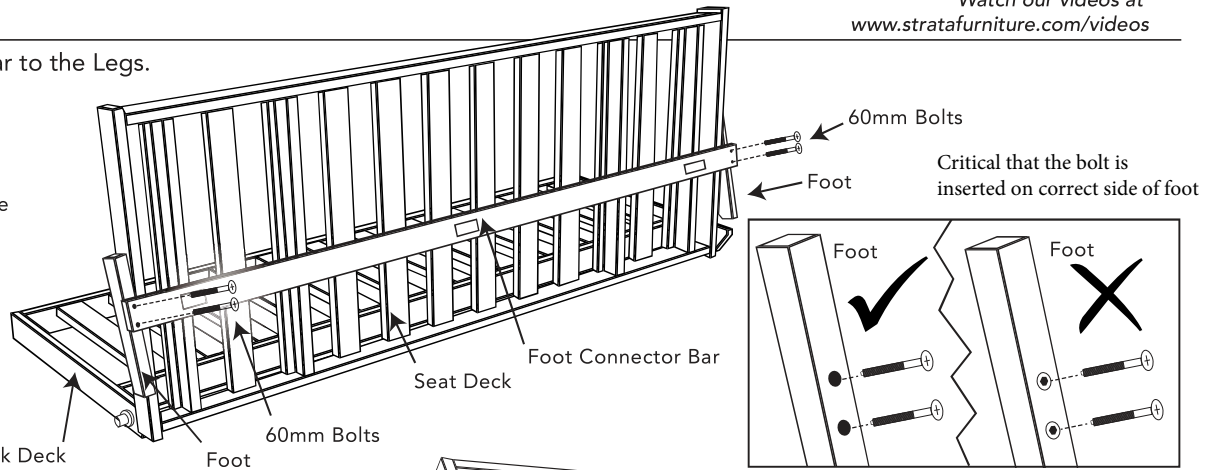
Attach the Connector Bar to the Legs.

Lift the Seat Deck so it is resting on the Back Deck, the feet should be pointing DOWNWARDS.

Line up the holes between the Connector Bar and the Feet. Make sure the recess for the bolt is facing outwards.

CAUTION: The metal insert in the foot **MUST** be facing the Back Deck.

Use four Bolts (60 mm) and bolt it in place.



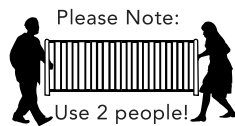
Watch our videos at
www.stratafurniture.com/videos

6B

Fit the Seat Back Decks to the Frame.

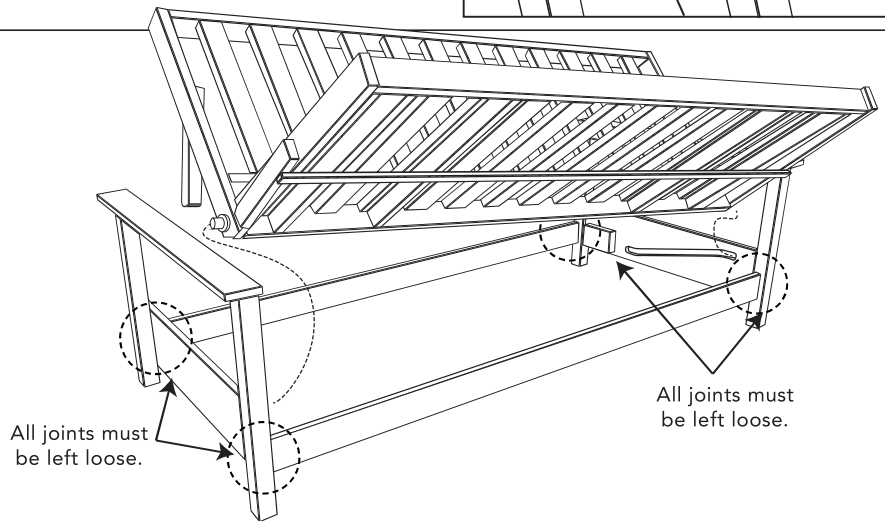
Insert the decks into the partially completed frame. This is where a helper may be useful.

When the Plastic Runners are in the grooves in the Arms, slide the assembly towards the back of the frame.



Please Note:

Use 2 people!



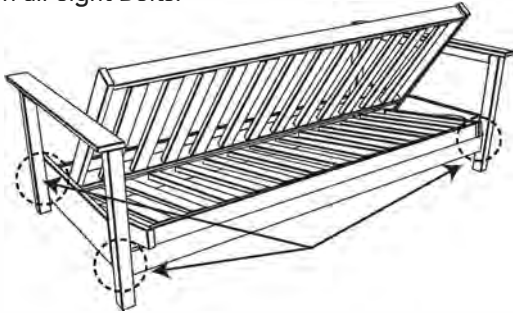
Please notice correct side of foot to attach foot connector board to foot.



Coach Frame Assembly Instructions

7A

Tighten all eight Bolts.

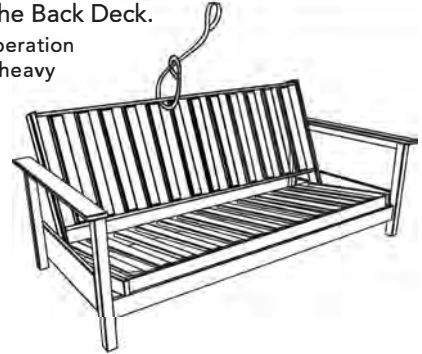


7C

Watch our videos at www.stratafurniture.com/videos

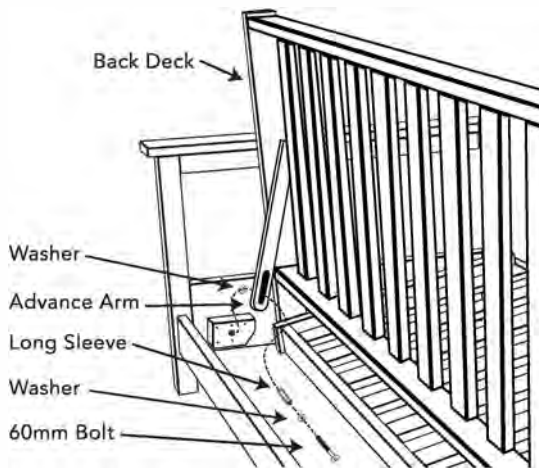
Fit the Strap to the Back Deck.

Only needed for operation on frames utilizing heavy mattresses.



7B

Connect the Advance Arms to the Arms.

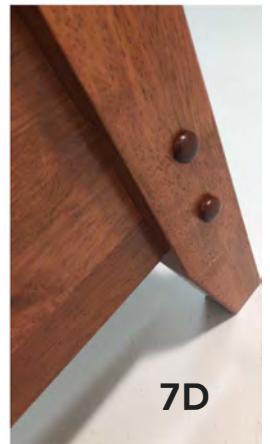
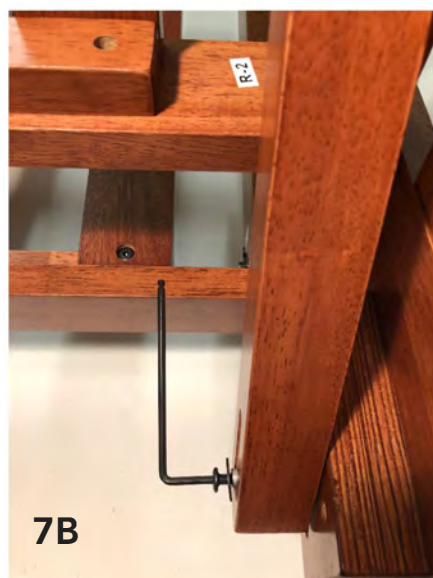
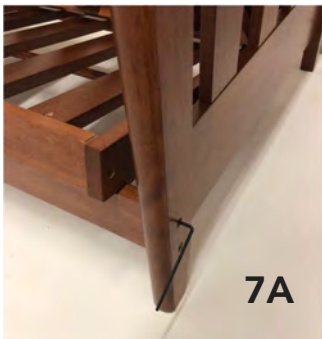
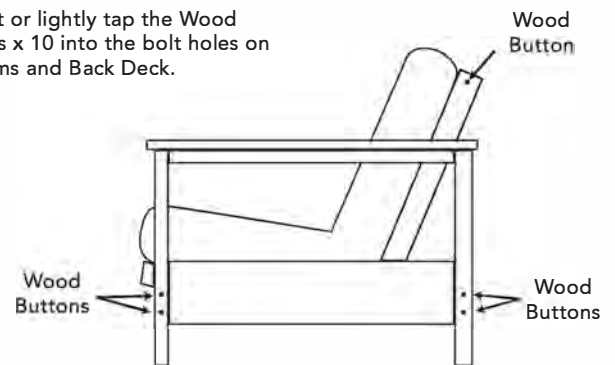


7D

Fit the Wood Buttons to the Arms and Back Deck

Finally, when the frame is fully assembled, make sure all the bolts are secure.

Push fit or lightly tap the Wood Buttons x 10 into the bolt holes on the Arms and Back Deck.



Operating Instructions

Watch our videos at www.stratafurniture.com/videos

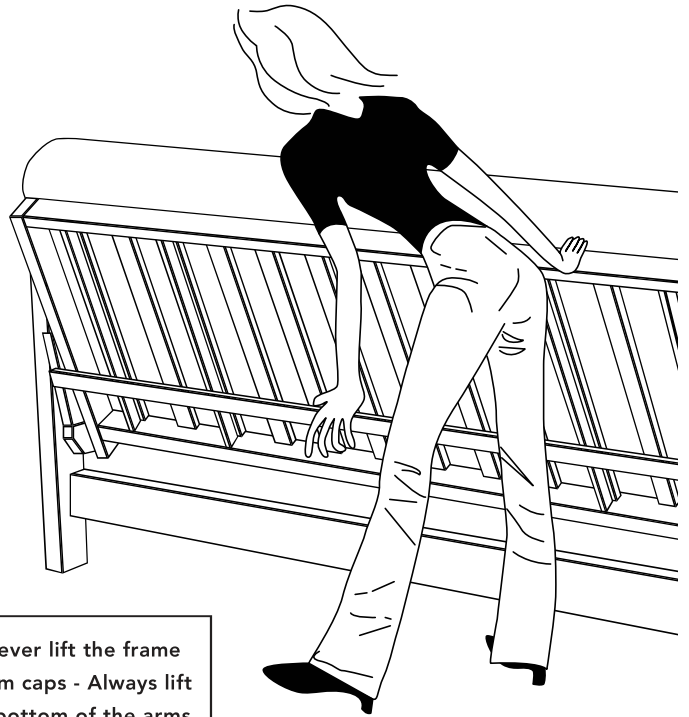
To convert into a bed position

- Lift seat deck up just so it clears the front stretcher. PULL ONLY HORIZONTALLY and as LOW TO THE GROUND as possible until no longer possible, then lift front of deck vertical and inward toward back of frame. At this point, it will look like the picture. If you lift vertically too quickly, the frame will slam down.
- Resting the seat deck on your hip, push the seat deck and mattress forward (towards the back deck). Pull the foot connector bar towards you until feet are fully extended.
- Sit the frame down gently.

To convert into a couch position

- Remove any pillows and other obstructions
- Push up the mattress into an inverted couch position and then lift up the seat deck into a vertical position.
- Resting seat deck on your hip, push the foot connector down all the way so that the foot connector rests on the side rail and locks the foot connector bar in place.
- With one hand lightly push the seat deck down. Then, at the same time, pull on the top of the mattress with one hand (or the strap if using a strap) and push in the seat deck with your other hand or leg until it locks in.

***DO NOT FORCE! - Frame should operate easily.**



Note: Never lift the frame by the arm caps - Always lift from the bottom of the arms.



Frame in bed position



After pushing up the mattress, lift the seat deck into a vertical position.



Push the foot connector all the way in so that the foot connector rests on the side end caps and locks the feet in place.

Please see operating videos at www.stratafurniture.com



With one hand lightly push the seat deck down while pulling on the top of the mattress with the other hand or the strap and push the seat deck back and down until it locks in place.

PLEASE NOTE:

Temperature and humidity can affect the tightness of your frame. It is important to periodically check all connections for tightness. We have included a 13mm open-end wrench and a 5mm Allen-head key to use to keep the feet snugly attached to the Seat Deck End Caps for proper operation.



Keep the feet snugly attached to the seat deck!