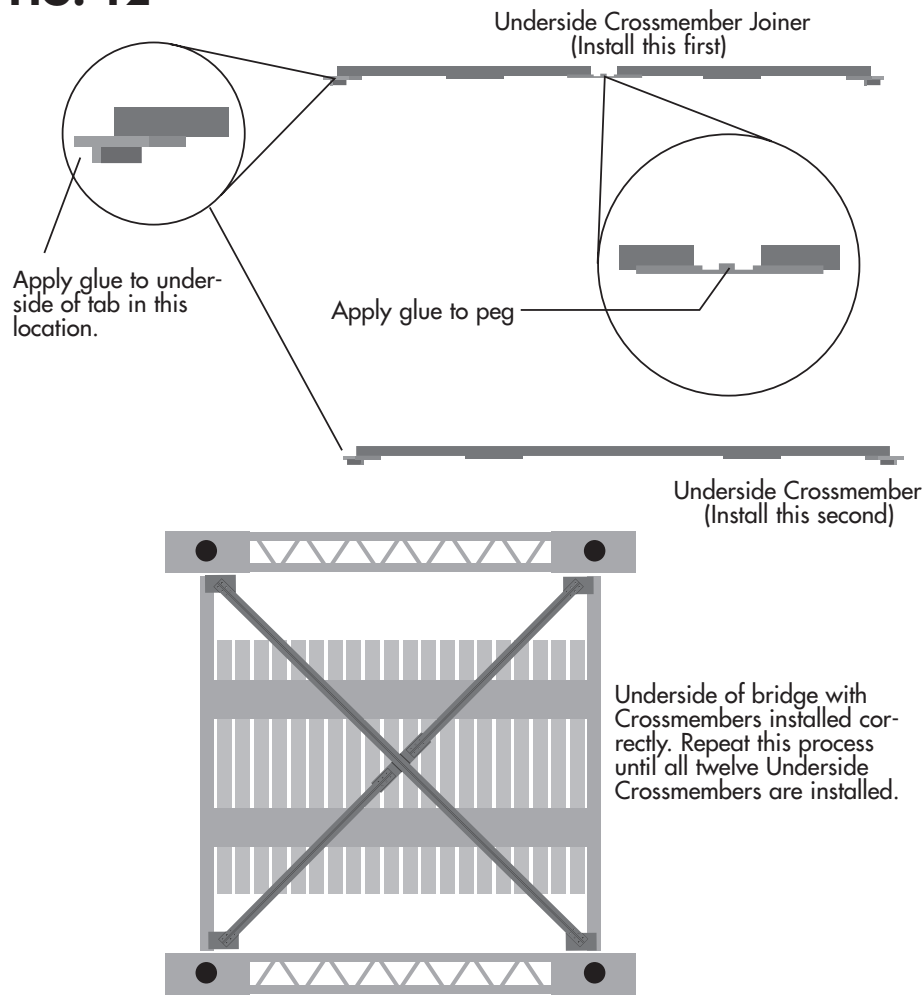


FIG. 12



Warranty

If service is required within the warranty period, this item may be sent to the Atlas O Customer Service Dept. Make sure the item is packed to prevent shipping damage; if possible send in original package to:

ATLAS O CUSTOMER SERVICE DEPT.
ATLAS O, 378 FLORENCE AVE., HILLSIDE, NJ 07205

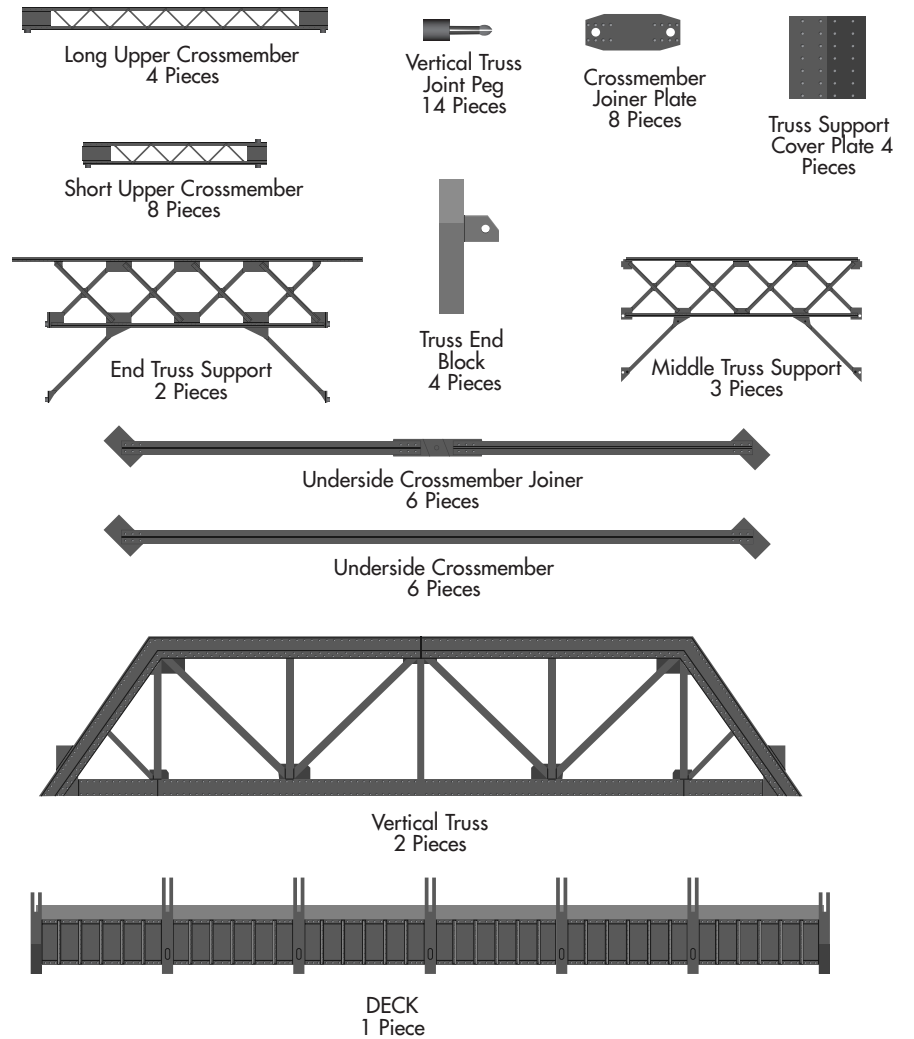
www.atlasO.com

Atlas O, LLC. • 378 Florence Avenue • Hillside • NJ • 07205 • USA



ATLAS O Pratt Truss Bridge Parts List

For Either Single or Double Track Styles



Recommended Tools For Assembly Of Your Atlas O Pratt Truss Bridge

- # 1 Phillips Screwdriver
- Needle - Nose Pliers
- Super Glue (ACC)
- All Purpose Plastic Cement (optional)

Please Read Before Assembly

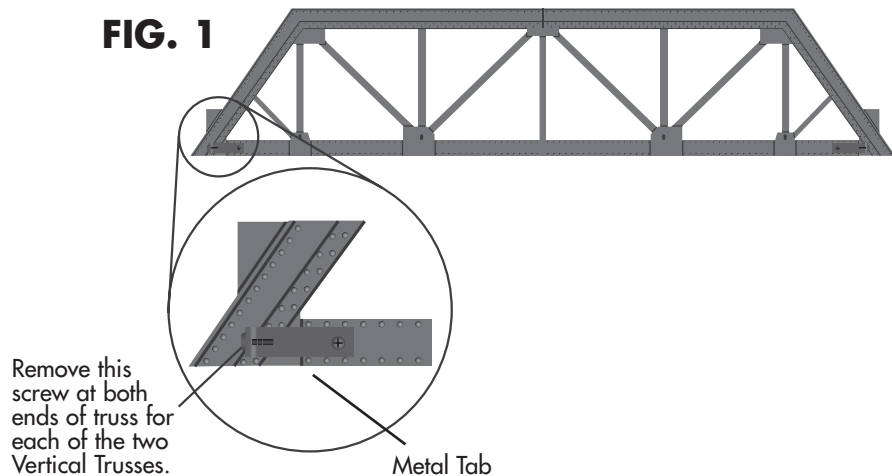
Your Atlas O Pratt Truss Bridge Kit comes partially assembled for your convenience. This kit is designed for simple snap assembly, however you may desire to use glue for a more permanent assembly. If you plan on adding a second track to your bridge (requiring disassembly), it is strongly recommended that super glue (ACC) is used sparingly if at all. The use of plastic cement will cause a more permanent bond and will most certainly make disassembly, without damage to your bridge, impossible. Careful attention to the assembly directions will provide a properly and beautifully assembled Pratt Truss Bridge for years of enjoyment on your layout.

Assembling Your Atlas O Pratt Truss Bridge

STEP #1

Remove screws from metal tabs on each end of both Vertical Trusses using a #1 Phillips screw driver. (See **Fig. 1**) Do not discard screws as they will be required for assembly.

FIG. 1



Remove this screw at both ends of truss for each of the two Vertical Trusses.

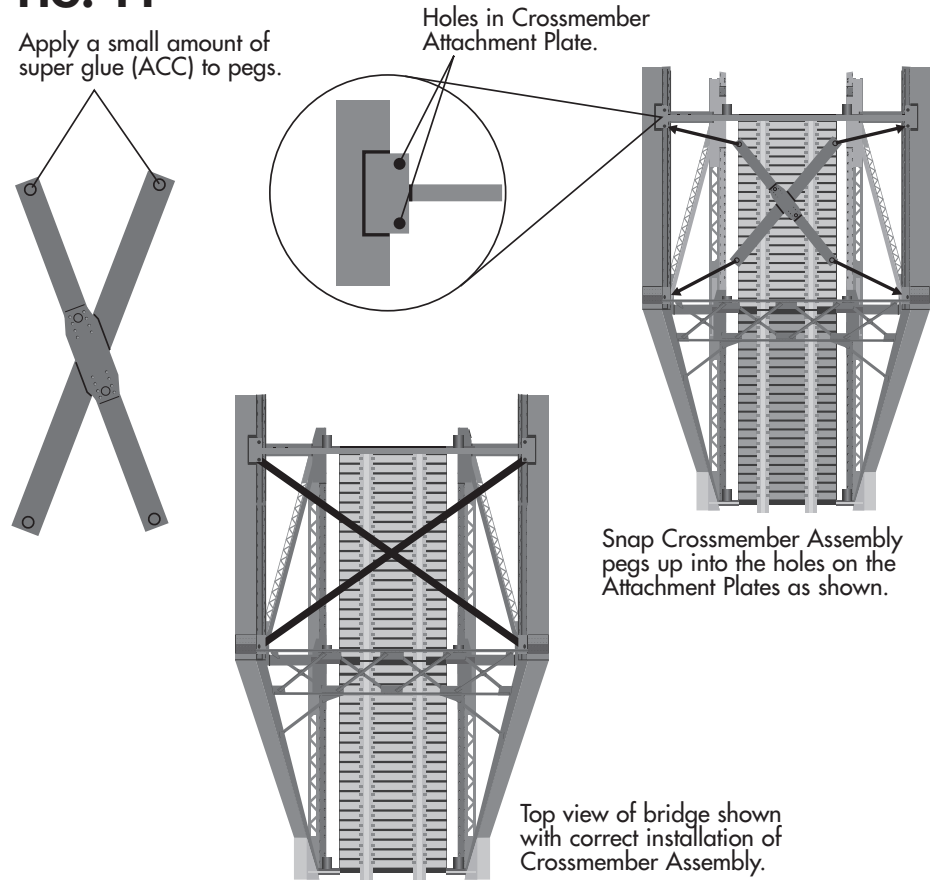
STEP #2

Please Note The Following:

- The Vertical Trusses have alignment holes in each of the five plate joints.
- The Vertical Trusses have male joiner tabs above each of the five plate joints.
- The Deck has five Vertical Truss Joints on each side. Each of the Vertical Truss Joints has a female joiner tab as well as an alignment peg. See **Fig. 2**)

FIG. 11

Apply a small amount of super glue (ACC) to pegs.



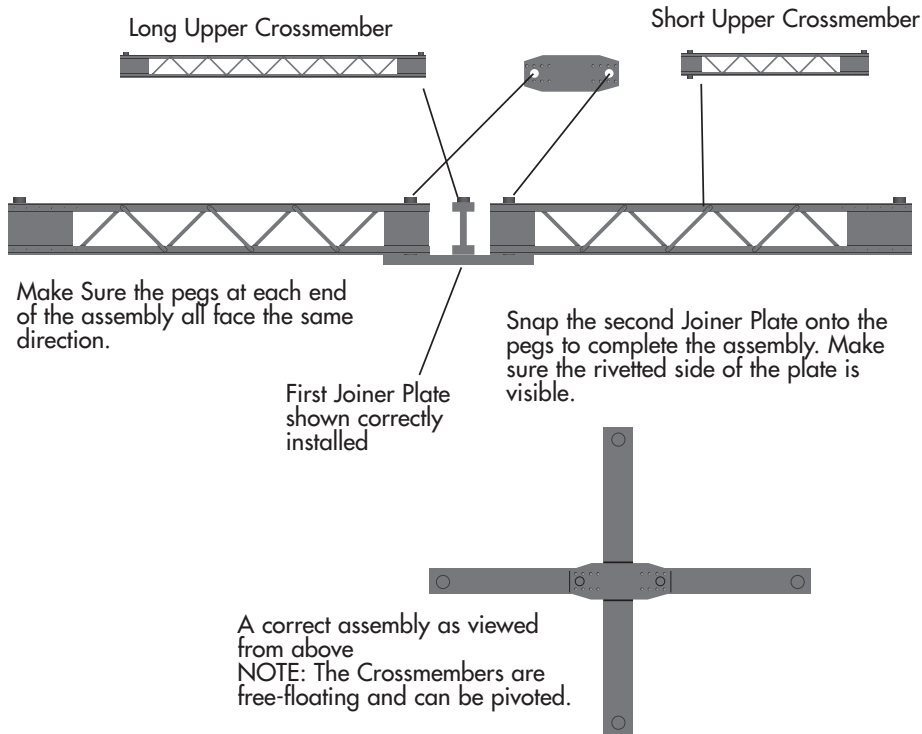
Top view of bridge shown with correct installation of Crossmember Assembly.

STEP #10

- Turn your Atlas O Pratt Truss Bridge upside down. Apply a small amount of glue to the tabs on each end of the Underside Crossmember Joiner. Attach the Crossmember to the deck supports. Apply a small amount of glue to the tabs on each end and to the small hole in the middle of the crossmember. Attach the Crossmember to the deck in the same manner making sure that the peg in the middle of the Joiner Crossmember snaps into the hole in the middle of the second Crossmember. (See **Fig. 12**)

NOTE: This step is optional.

FIG. 10



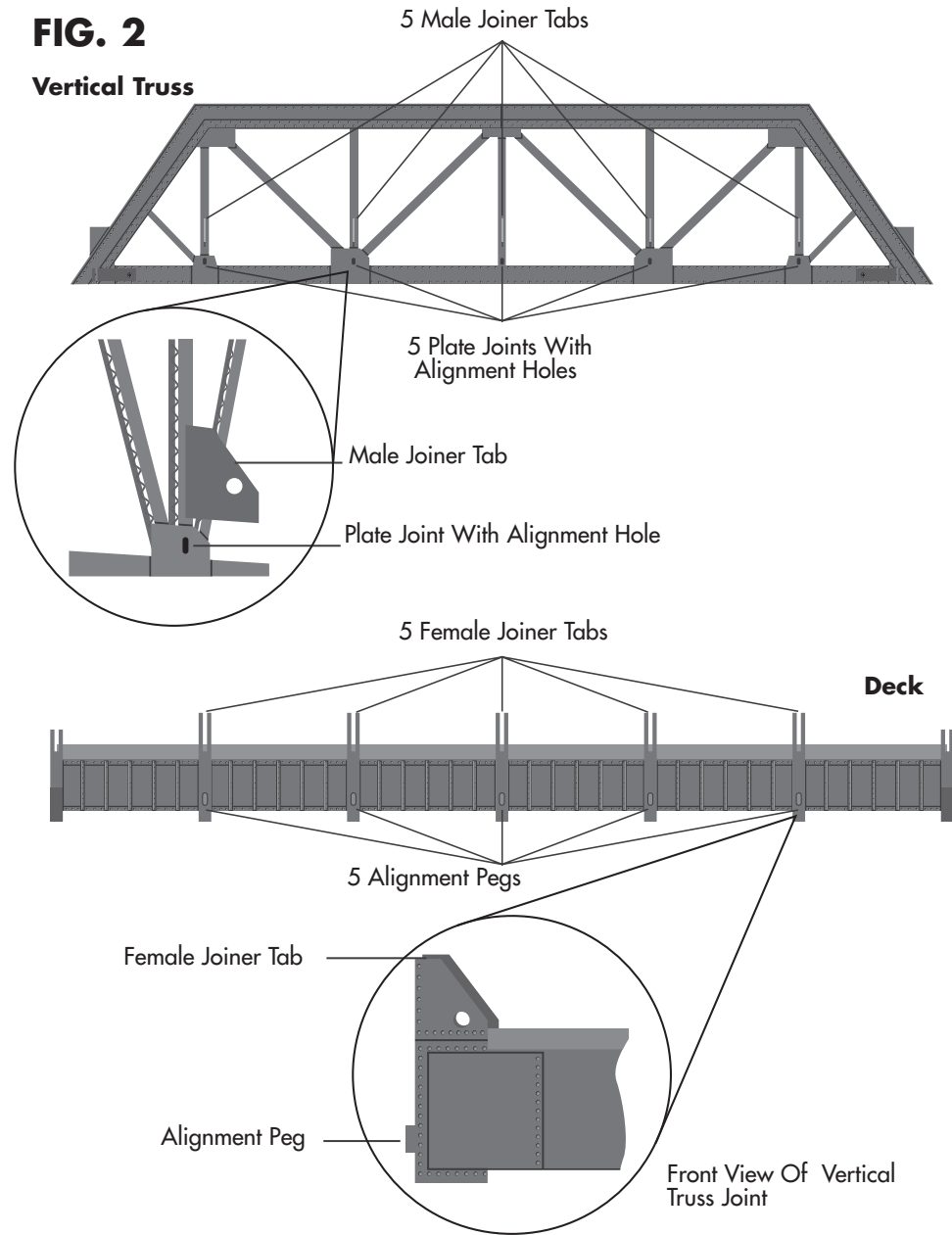
STEP #9

- Adjust the Crossmember assembly so that the pieces are diagonal to each other with the pegs on the ends of the Crossmembers facing up. Slide the assembly through the top of the bridge and inbetween the Truss Supports. Snap the pegs at the ends of each Crossmember up into the holes in the Crossmember Attachment Plates. Repeat this process for all four Crossmember Assemblies. (See **Fig. 11**)

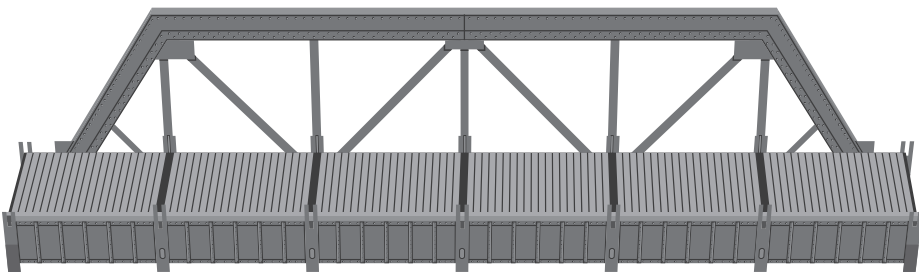
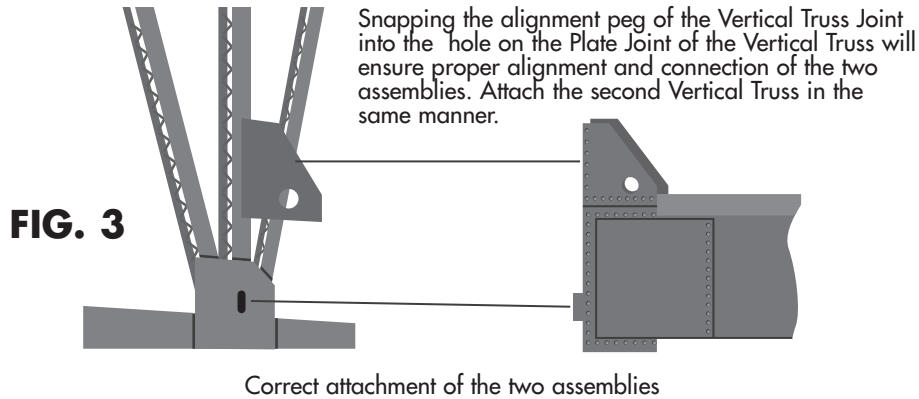
NOTE: A small amount of super glue (ACC) will be required on the pegs of the crossmembers to ensure they stay snapped into the holes of the Attachment Plates.

FIG. 2

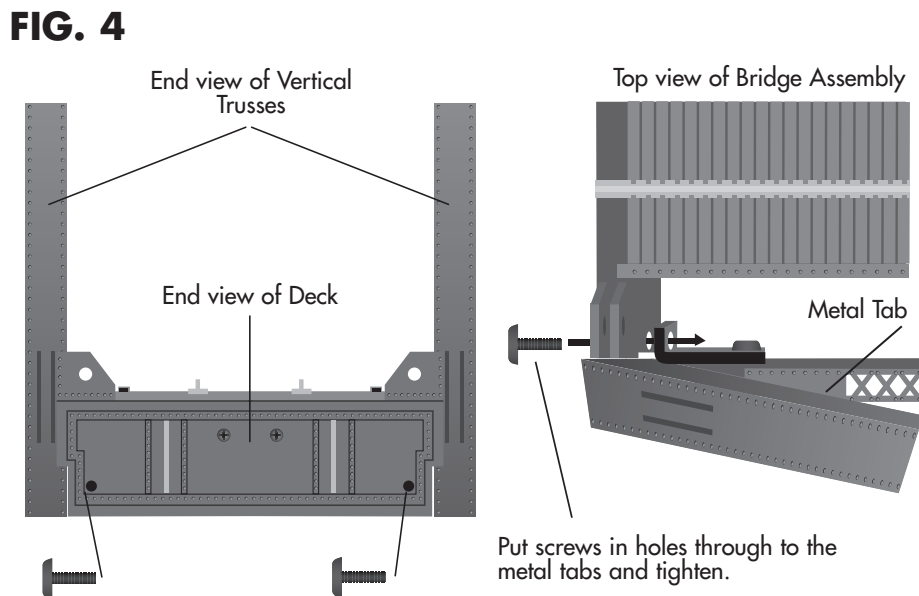
Vertical Truss



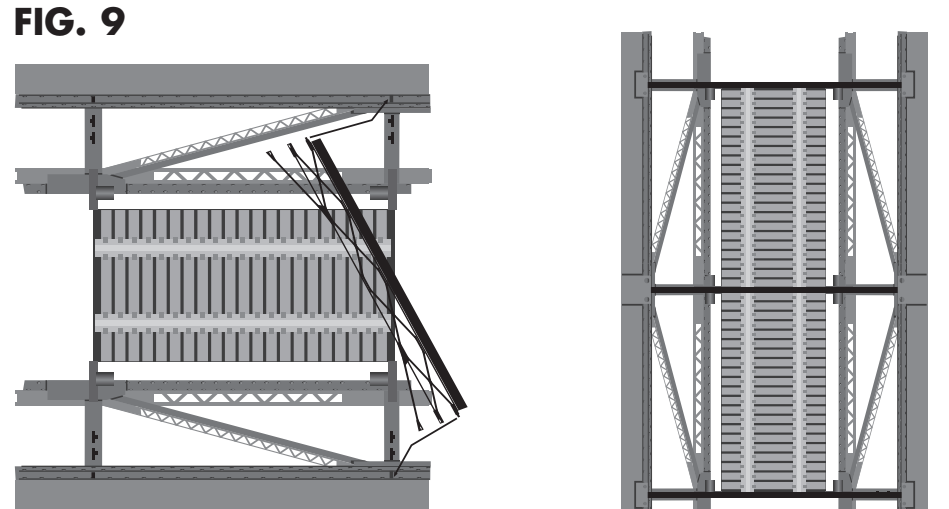
- Align the Vertical Truss with the Deck. Slide the five male joiner tabs of the Vertical Truss into the female joiner tabs of the Deck also making sure that the alignment pegs snap into the holes in the five joint plate of the Vertical Truss. (See **Fig. 3**)
- Attach the second Vertical Truss in the same manner.



STEP #3
Screw ends of Deck to metal tabs on each end of the Vertical Trusses. (See Fig. 4) Use the screws that were removed from metal tabs in Step #1.



Hold the Middle Truss Support diagonally above the two Vertical Trusses. Slide the Middle Truss Support between the two Vertical Trusses and twist into place, making sure the top tabs slide into the slots on the Horizontal Member of the Truss. Snap the pegs on the tabs of the Vertical member into the holes of the tabs on the Middle Truss Support. (See Fig. 9)
NOTE: You may find it easier to snap the pegs into their corresponding holes using a pair of needle nose pliers.



Twist the Middle Truss Support snapping the tabs into the slots on the Horizontal Members. Then snap the pegs on the Vertical Members through the other four tabs on the Truss Support.

Top view of Bridge with all three Middle Truss Supports properly installed

STEP #8

- Attach one Crossmember Joiner Plate to two Short Upper Crossmembers. Make sure that the ends of the Crossmembers with just one peg are facing in the same direction. Then center the Long Upper Crossmember between the two Short Crossmembers making sure the pegs are facing in the same direction as the pegs on the joined Short Crossmembers. (See Fig. 10)
- Repeat this process until you have four complete Upper Crossmember Assemblies.

FIG. 8a

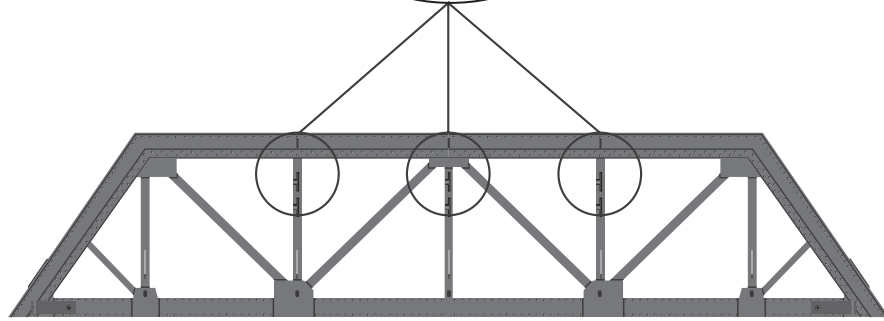
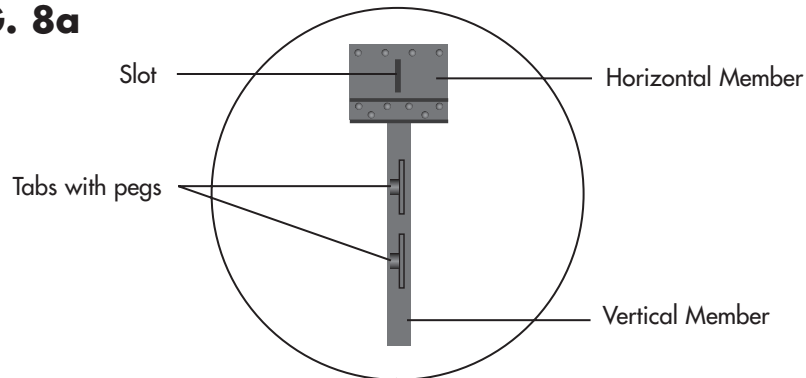
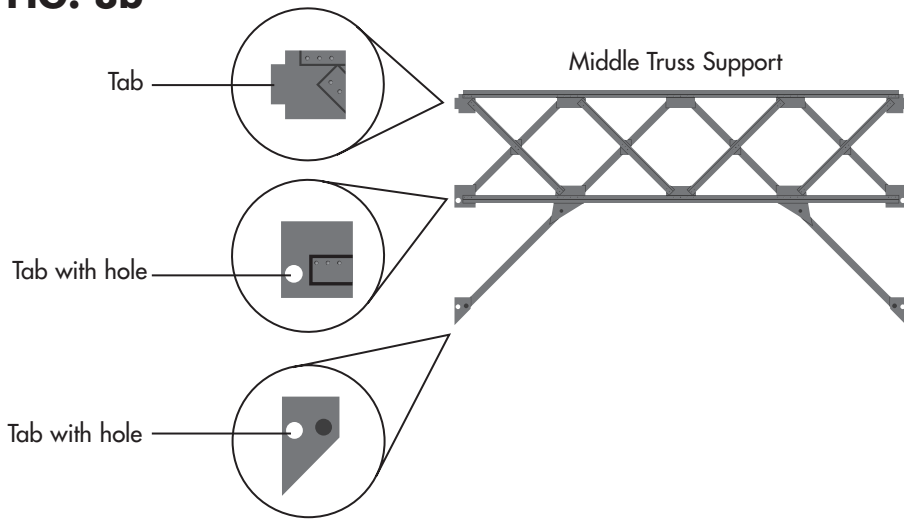


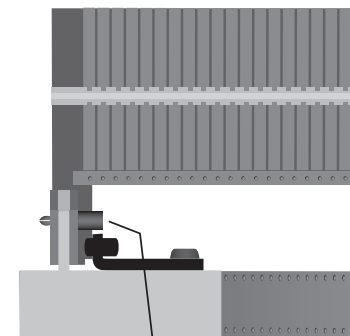
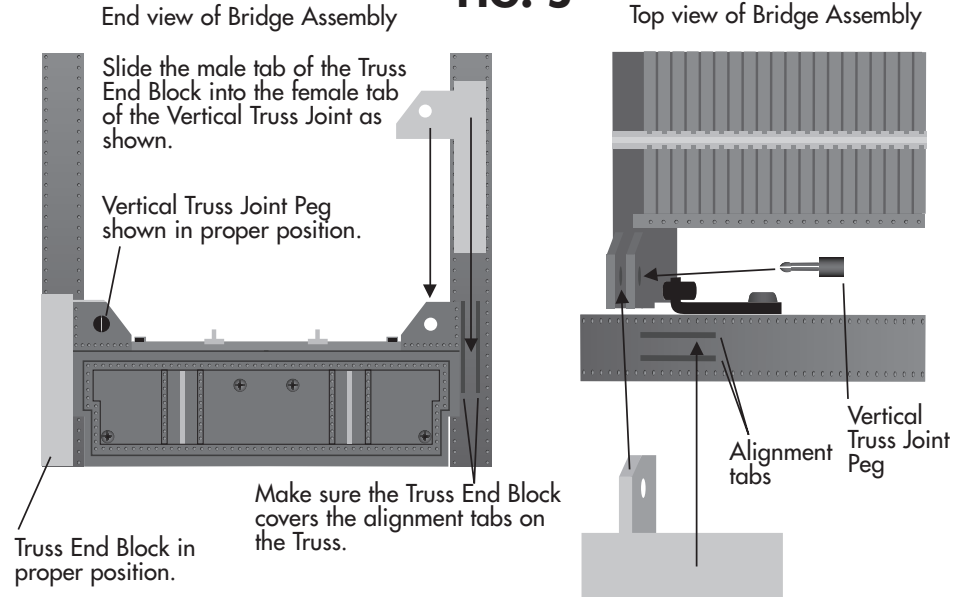
FIG. 8b



STEP #4

- Attach the four Truss End Blocks to the ends of the Bridge Assembly by inserting the male tab of the Block into the female tab of the Vertical Truss Joint, making sure the Block covers the two alignment tabs on the Truss. Once the Block is in place, insert the Vertical Truss Joint Peg through the holes in the Vertical Truss Joint Tabs making sure that the head of the peg faces towards the center of the bridge. (See **Fig. 5**)
- Insert the remaining 10 pegs into the rest of the Vertical Truss Joints. (These may face either direction.)

FIG. 5

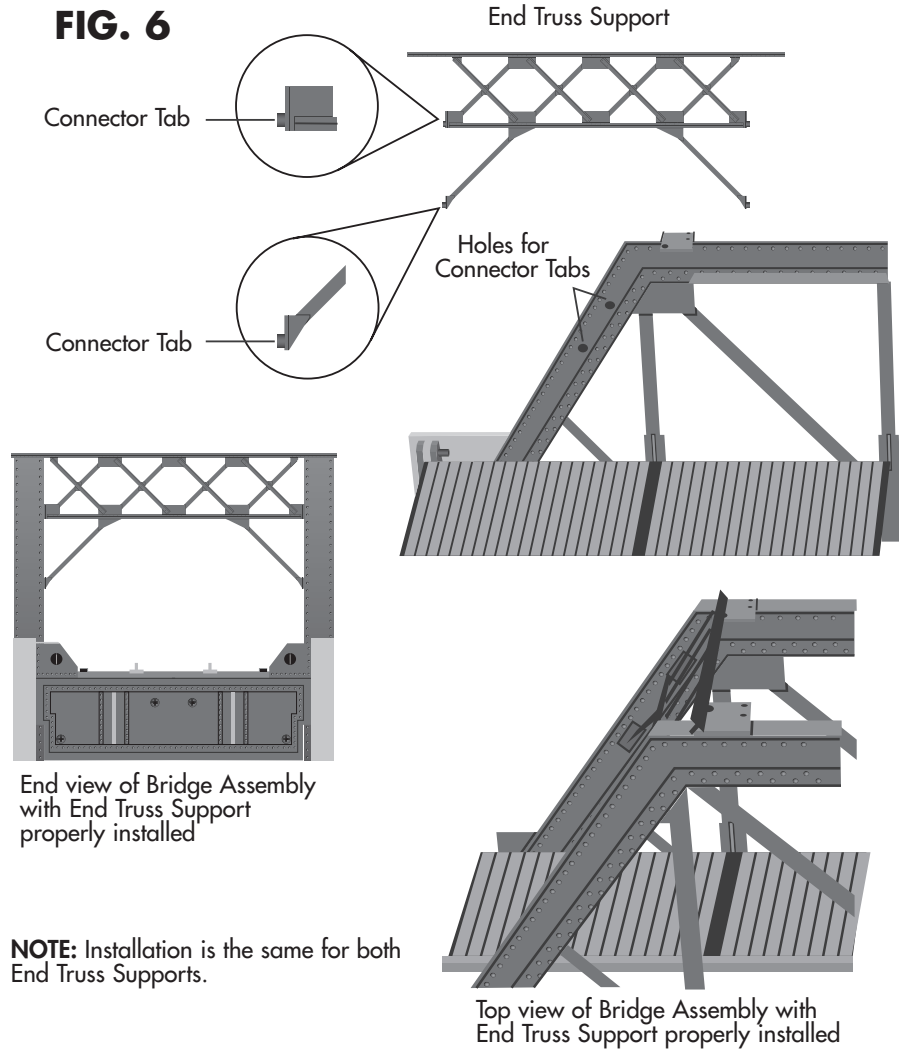


Vertical Truss Joint Peg in proper position as viewed from above.

STEP #5

- Connect the End Truss Supports to the Vertical Trusses. (See **Fig. 6**)

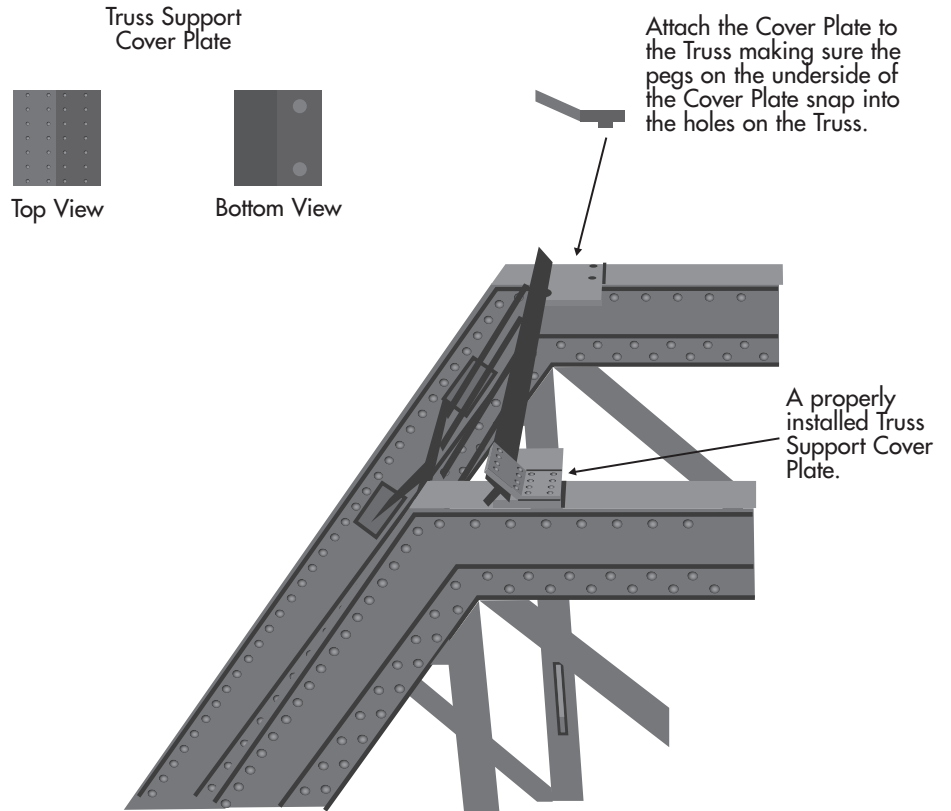
FIG. 6



STEP #6

- Attach End Truss Support Cover Plate to top of Vertical Trusses. (See **Fig. 7**)

FIG. 7



STEP #7

Please Note The Following:

- The Middle Truss Supports have three connector tabs on each side. Two of these tabs have holes in them.
- Three Vertical Members on each Truss have two tabs with pegs.
- Directly above the Vertical Members is a slot in the Horizontal Member of the Truss. (See **Fig. 8a and 8b**)