WEB REV 8.26

CATALYST™
FENCE SOLUTIONS

ALUMINUM INFILL GATES

WORKS WITH:
- RIVERSIDE

Read all instructions prior to installing product.

Refer to manufacturers safety instructions when operating any tools.

Installation Instructions

To register your product, please visit: **CatalystFence.com.**

In case of a warranty claim, call **888.549.7350.**

WARNING:

- Improper installation of this product can result in personal injury. Always wear safety goggles when cutting, drilling and assembling the product.
- Incorrect installation may cause harm to the gate or individual.
- Check local building codes to determine pool-safe fencing options.

NOTICE:

- DO NOT attempt to assemble the kit if parts are missing or damaged.
- DO NOT return the product to the store. For assistance or replacement parts call: **888.549.7350.**

BEFORE YOU BEGIN:

Check your local zoning laws.

- Local zoning laws and Home Owners Associations may regulate the location, style and height of your fence or even require a permit signoff beforehand.
- Check local codes for frost line depth and regulations.
- Additional products and assembly may be required to meet wind code requirements.
  Notice of acceptance (NOA) can be found at **www.miamidade.gov/building/pc-search_app.asp**

Contact your local utilities companies.

- You must have the utility companies clearly mark your property for electrical, gas or water lines to avoid puncturing any unseen underground utilities.

TOOLS/MATERIALS NEEDED:

	Concrete (for in-ground installation)
	Coarse gravel (for in-ground installation)
	Post Hole Digger/Shovel (for in-ground installation)
	String Line Stakes with String
	Level
	Tape Measure
	Rubber Mallet
	Safety Glasses
	Drill
	⅜" bolts/screws (4 per post; for surface mount installation)
	Pencil
	Extender for Drill Bit

To obtain and review a copy of the warranty please visit **CatalystFence.com.**
You may also contact us at **888.549.7350** or email **info@CatalystFence.com.**

View table below for breakdown of what is needed to build 1 gate.

	Aluminum T&G Privacy	6" Semi Privacy	3" Semi Privacy
Boards	11	10	18
¾" Spacers	N/A	18	34
Gate Uprights	2		
Gate Upright Inserts	2		

Prior to assembly the infill boards need to be cut to the appropriate length for your desired opening.

To cut the boards to an appropriate length subtract 7" from the desired opening size and that will be the board length – the table below lists standard width gate sizes. (this allows for 1.5" clearance for hinges and latch).

Standard Openings			
	3' Opening	4' Opening	5' Opening
Cut Board Length	29"	41"	53"

3" SEMI-PRIVACY BOARD GATE ASSEMBLY:

1. Lay out the first upright insert then insert the first board in one end making sure that the bottom of the rail measures ⅞" from the bottom of the insert (Fig. 1)

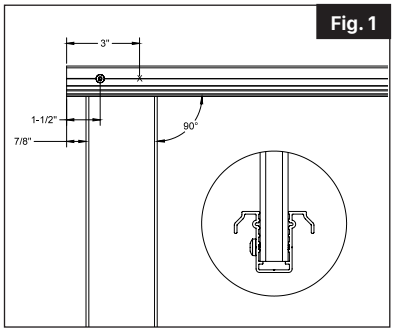


Fig. 1

2. With the board flush against the inside of the insert and perpendicular at 90 degrees, measure and mark 1½" and 3" from the end of the insert. Only pre-drill the first hole at 1½" using a 3/32" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 1. (The 3" mark shown with an "X" will be used later to lock in the gate after squaring it.)

3. Follow the same steps above but with the 2nd upright insert.

4. Add a ¾" spacer to each side. (Fig. 2)

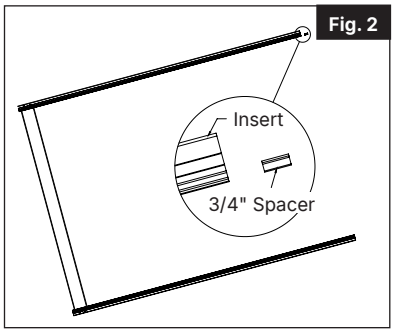


Fig. 2

5. With one ¾" spacer in each side above the first board, carefully slide in the next board while adding a ¾" spacers in between each board until you reach the end of the insert. (Fig. 3)

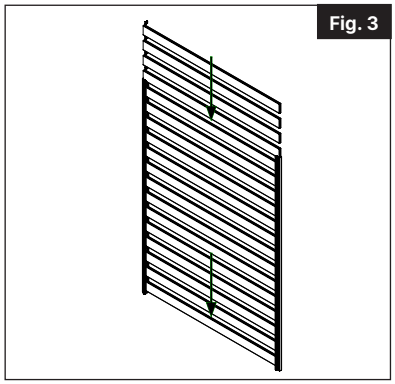


Fig. 3

6. On this end of both inserts measure from the end of the insert and mark 1½" and 3" just as you did on the first board. Only pre-drill the first hole at 1½" using a ³⁄₃₂" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 4. (The 3" mark will be used later to lock in the gate after squaring it.)

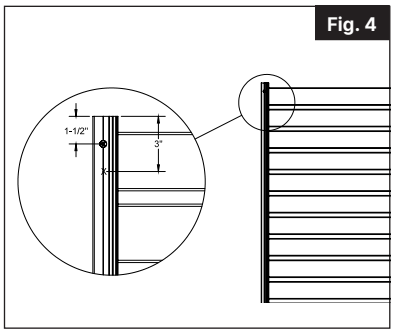
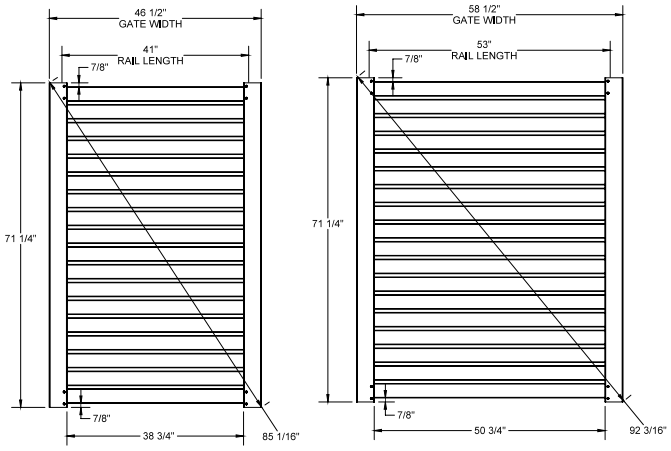


Fig. 4

7. Now you can square the gate on a flat and level surface. Refer to the gate images below to determine what measurements are needed to square your gate.



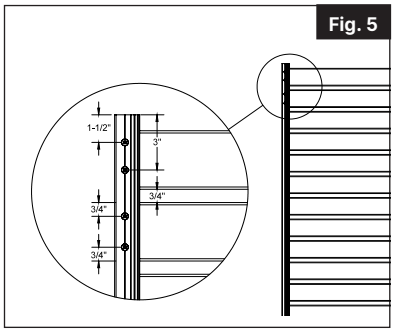


Fig. 5

8. Once the gate is square you can now predrill the 3" holes you previously marked on all four corners with a ³⁄₃₂" drill bit and insert a #10 ¾" screw in each of these holes. (Fig. 5)

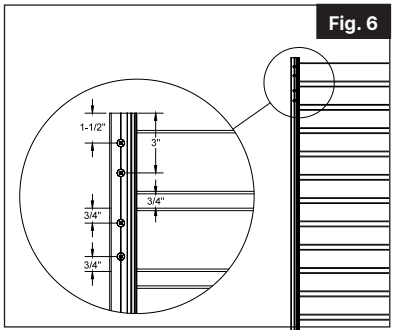


Fig. 6

9. On the second infill board of the top and bottom section of the gate and on both sides, pre-drill holes approximately ¾" from the top and bottom of the rail using a ³⁄₃₂" drill bit then place a #10 ¾" screw in each hole. (Fig. 6)

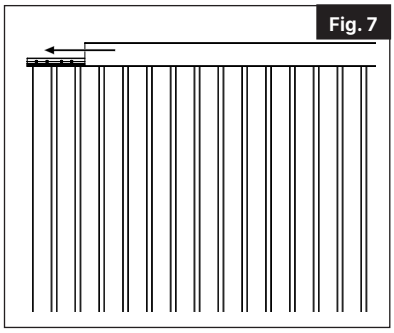


Fig. 7

10. With the infill fully assembled and square, slide the uprights over both inserts (Fig. 7)

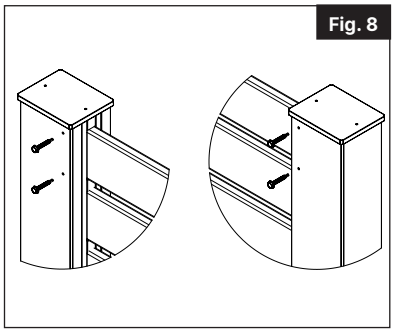


Fig. 8

11. Screw in the top and bottom rails through predrilled holes on the upright with the provided #10 1½" Hex Head screws. (Fig. 8)

12. Flip the gate over, confirm it's still square, then using the pre-drilled holes on each upright screw in a total of 8 #10 1½" Hex Head screws. Each upright will require 2 hex head screws on the top and bottom of each side of both uprights (Fig. 9).

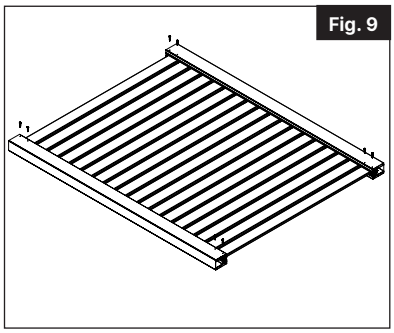


Fig. 9

13. Add silicone to the underside of the cap and then install the cap on the top of the post and push the cap down until it fits into place. (Fig. 10)

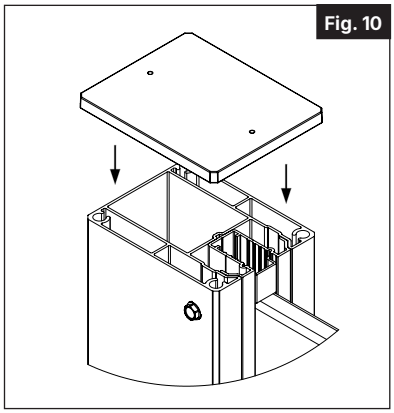


Fig. 10

14. Using the hinge instructions, install the hinges 3½" to 4" away from the top and bottom of the upright. Use a 2" spacer block to rest the gate on for ease of installation and to allow for space under the bottom rail.

15. Follow hinge instructions to complete assembly.

16. Install gate latch (sold separately).

6" SEMI-PRIVACY BOARD GATE ASSEMBLY:

1. Lay out the first upright insert and place the first board in one end making sure that the bottom of the rail measures 9/16" from the bottom of the insert (Fig.1)

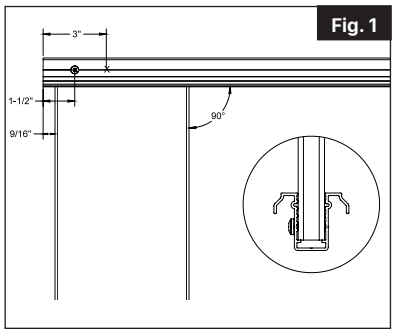
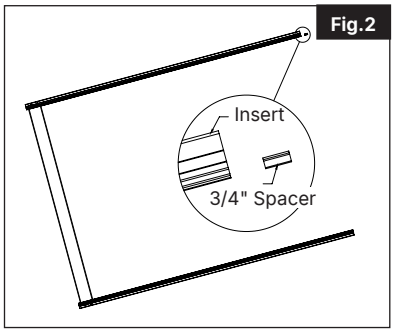


Fig. 1

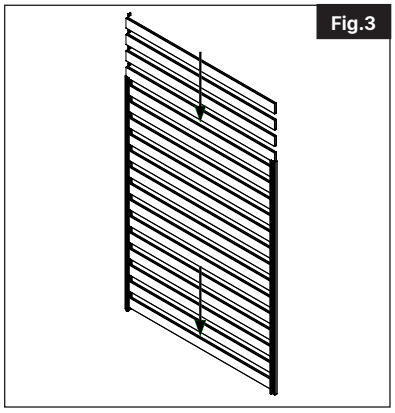
2. With the board flush against the inside of the insert and perpendicular at 90 degrees, measure and mark 1½" and 3" from the end of the insert. Only pre-drill the first hole at 1½" using a 3/32" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 1. (The 3" mark shown with an "X" will be used later to lock in the gate after squaring it.)

3. Follow the same steps above but with the 2nd upright insert.

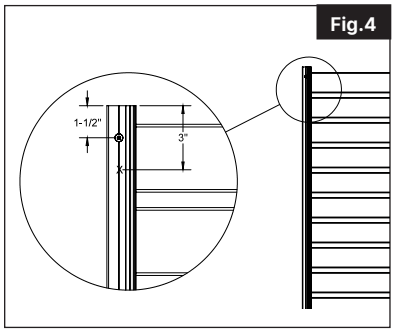
4. Add a ¾" spacer to each side. (Fig. 2)



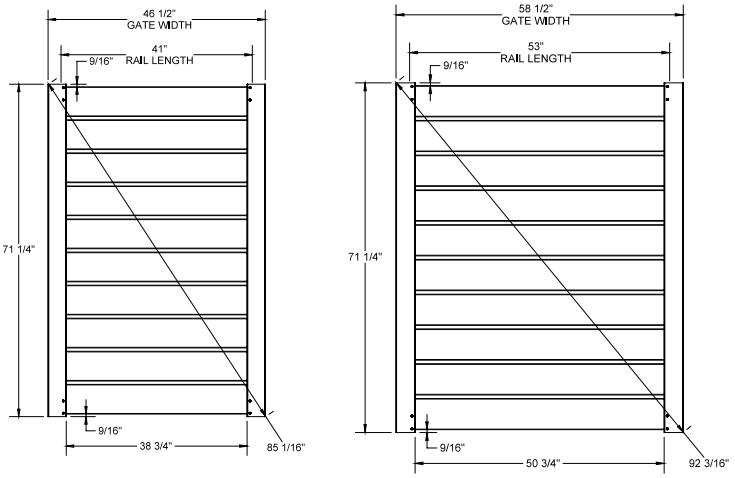
5. With one ¾" spacer in each side above the first board, carefully slide in the next board while adding a ¾" spacers in between each board until you reach the end of the insert. (Fig. 3)



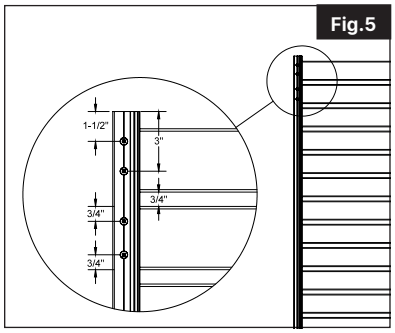
6. On this end of both inserts measure from the end of the insert and mark 1½" and 3" just as you did on the first board. Only pre-drill the first hole at 1½" using a ³⁄₃₂" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 4. (The 3" mark will be used later to lock in the gate after squaring it.)



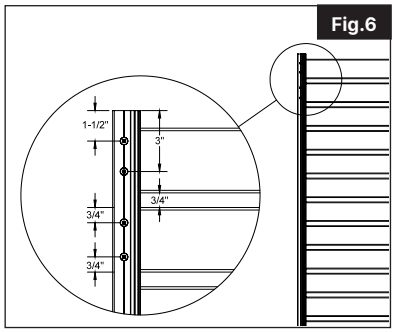
7. Now you can square the gate on a flat and level surface. Refer to the gate images below to determine what measurements are needed to square your gate.



8. Once the gate is square you can now predrill the 3" holes you previously marked on all four corners with a ³⁄₃₂" drill bit and insert a #10 ¾" screw in each of these holes. (Fig. 5)



9. On the second infill board of the top and bottom section of the gate and on both sides, pre-drill holes approximately ¾" from the top and bottom of the rail using a ³⁄₃₂" drill bit then place a #10 ¾" screw in each hole. (Fig. 6)



10. With the infill fully assembled and square, slide the uprights over both inserts. (Fig. 7)

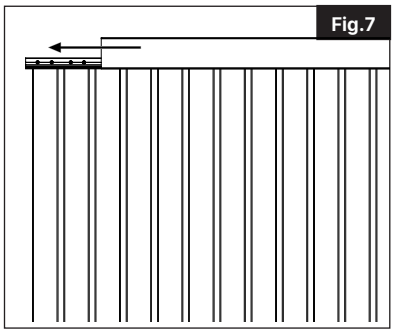


Fig.7

11. Screw in the top and bottom rails through predrilled holes on the upright with the provided #10 1½" Hex Head screws. (Fig. 8)

12. Flip the gate over, confirm it's still square, then using the pre-drilled holes on each upright screw in a total of 8 #10 1½" Hex Head screws. Each upright will require 2 hex head screws on the top and bottom of each side of both uprights (Fig. 9).

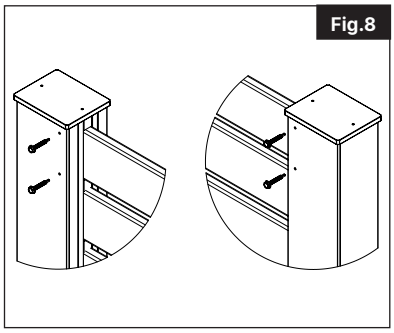


Fig.8

13. Add silicone to the underside of the cap and then install the cap on the top of the post and push the cap down until it fits into place. (Fig. 10)

14. Using the hinge instructions, install the hinges 3½" to 4" away from the top and bottom of the upright. Use a 2" spacer block to rest the gate on for ease of installation and to allow for space under the bottom rail.

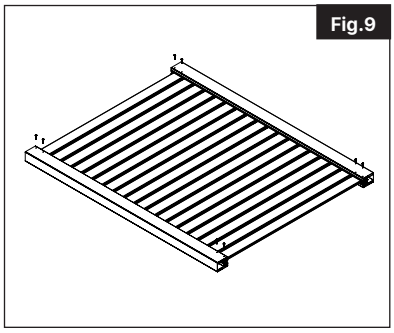


Fig.9

15. Follow hinge instructions to complete assembly.

16. Install gate latch (sold separately).

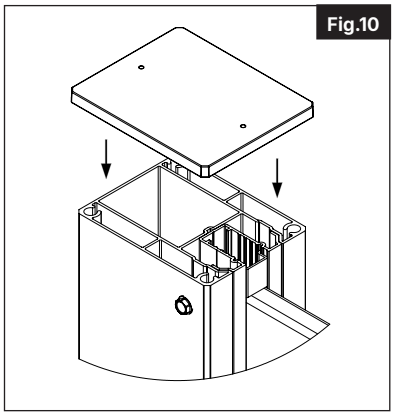


Fig.10

6" PRIVACY T&G BOARD GATE ASSEMBLY:

1. Lay out the first upright insert and place the first board with the tongue side down in one end making sure that the bottom of the rail measures ⅝" from the bottom of the insert (Fig.1)

NOTE: This side will be the bottom of the gate, the opposite end will have the groove of the board facing out.

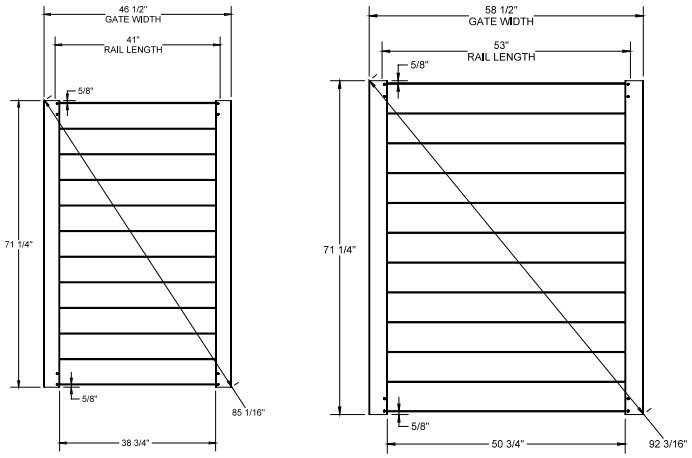
2. With the board flush against the inside of the insert and perpendicular at 90 degrees, measure and mark 1½" and 3" from the end of the insert. Only pre-drill the first hole at 1½" using a ³⁄₃₂" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 1. (The 3" mark shown with an "X" will be used later to lock in the gate after squaring it.)

3. Follow the same steps above but with the 2nd upright insert.

4. Carefully slide in your next infill boards until all boards are installed. (Fig. 2)

5. On this end of both inserts measure from the end of the insert and mark 1½" and 3" just as you did on the first board. Only pre-drill the first hole at 1½" using a ³⁄₃₂" drill bit and place a #10 ¾" screw in this hole as shown in Fig. 3. (The 3" mark will be used later to lock in the gate after squaring it.)

6. Now you can square the gate on a flat and level surface. Refer to the gate images below to determine what measurements are needed to square your gate.



7. Once the gate is square you can now predrill the 3" holes you previously marked on all four corners with a ³⁄₃₂" drill bit and insert a #10 ¾" screw in each of these holes. (Fig. 4)

Fig. 1

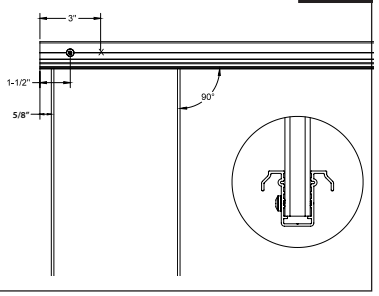


Fig. 2

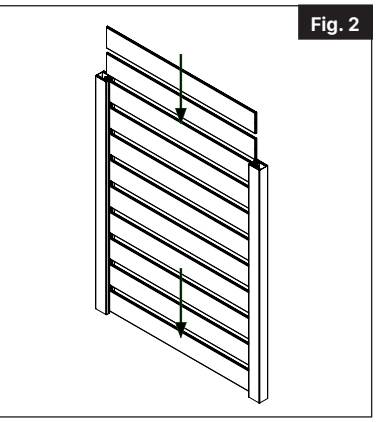


Fig. 3

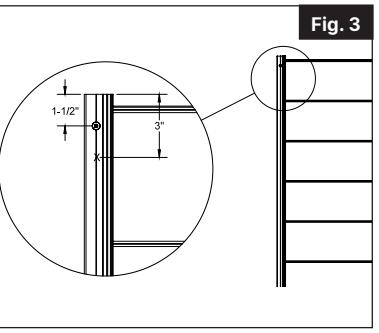
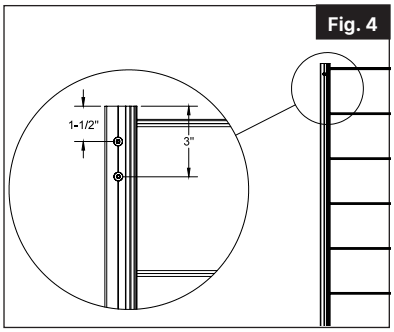


Fig. 4



8. On the second infill board of the top and bottom section of the gate and on both sides, pre-drill holes approximately ¾" from the top and bottom of the rail using a 3⁄32" drill bit then place a #10 ¾" screw in each hole. (Fig. 5)

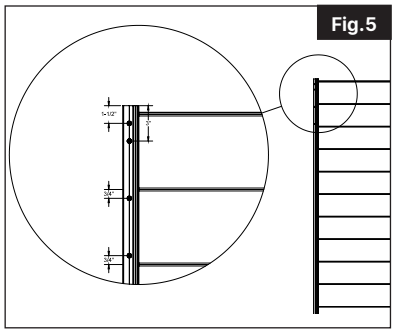


Fig.5

9. With the infill fully assembled and square, slide the uprights over both inserts (Fig. 6)

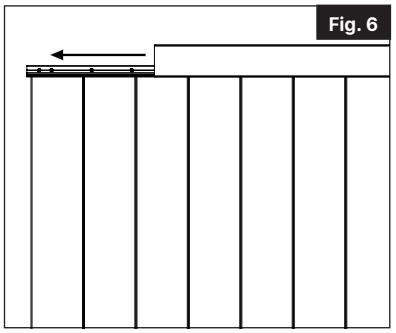


Fig. 6

10. Screw in the top and bottom rails through pre-drilled holes on the upright with the provided #10 1½" Hex Head screws. (Fig. 7)

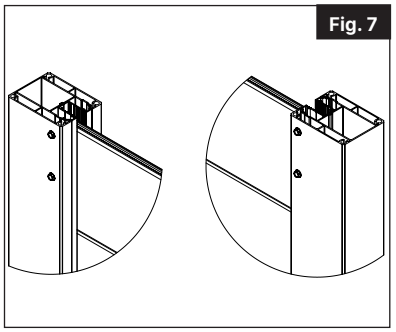


Fig. 7

11. Flip the gate over, confirm it's still square, then using the pre-drilled holes on each upright screw in a total of 8 #10 1½" Hex Head screws. Each upright will require 2 hex head screws on the top and bottom of each side of both uprights (Fig. 8).

12. Add silicone to the underside of the cap and then install the cap on the top of the post and push the cap down until it fits into place. (Fig. 9)

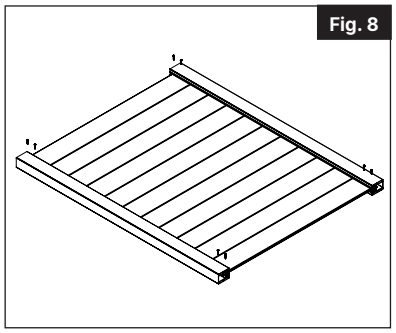


Fig. 8

13. Using the hinge instructions, install the hinges 3½" to 4" away from the top and bottom of the upright. Use a 2" spacer block to rest the gate on for ease of installation and to allow for space under the bottom rail.

14. Follow hinge instructions to complete assembly.

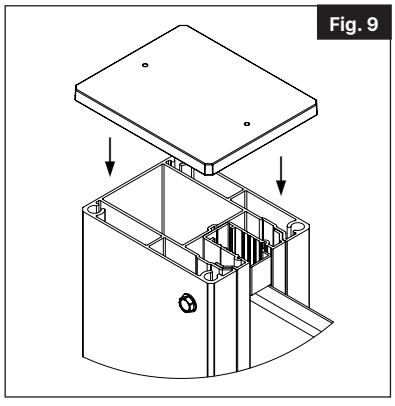


Fig. 9

15. Install gate latch (sold separately).

CATALYST™
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