poolfenceDIY

BY LIFE SAVER POOL FENCE SYSTEMS INC.

Self-Closing Self-Latching Gate Assembly and Installation Instructions

- 4’Tall – Black/Brown DIY Pool Fence Gate (Flat Top)
- 4’Tall – Black/Brown DIY Pool Fence Gate (Arch Top)
- 5’Tall – Black/Brown DIY Pool Fence Gate (Flat Top)
- 5’Tall – Black/Brown DIY Pool Fence Gate (Arch Top)

Tools Required

1. Rotary Hammer Drill
2. 5/8” Masonry Bit (14” +)
3. Extension Cord
4. Tape Measure
5. Hammer
6. Marker
7. Garden Hose
8. #2 Square Head Screw Tip
9. 1/8” Metal Drill Bit
10. Cordless Screw Gun
11. 1 - Template (Incl.)
12. Chalk Line

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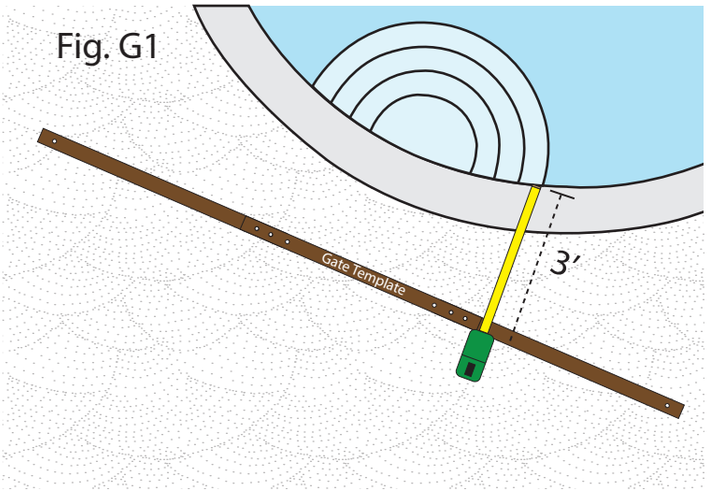
Step 1: Gate Location, Layout, & Mark-Out

- Location: Your new DIY Gate comes with the frame welded and mesh attached for added convenience. The first step in installing the gate is deciding on a location. Due to the dynamics of the gate, it works best on an area in which the gate, the first connecting 3 foot panel on the section to the left, and the first connecting 3 foot panel on the section to the right, is on the same straight line as shown in Fig. G1 . ****If this is not possible Call: 561-316-6418****

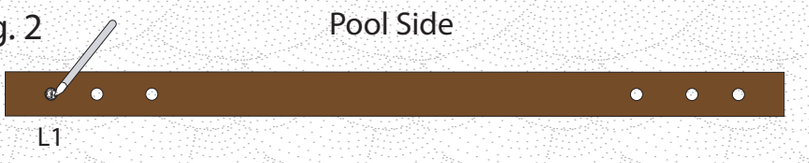
Fig. G1



PRO NOTE: Remember to make sure that when marking your gate to keep it 3 feet from the edge to allow for a safe walking distance when the fence is up. The same should be taken into consideration for the rest of the fence as well. Fig. G1 also depicts that the gate and the two panels are on the same straight line.

- Gate Markout: First mark your first hole in the gate template, which is the first hole of the section going to the left of the gate, (hole L1). See Fig. 2 **Note: L1 will be in a straight line and should be drilled level.**

Fig. 2

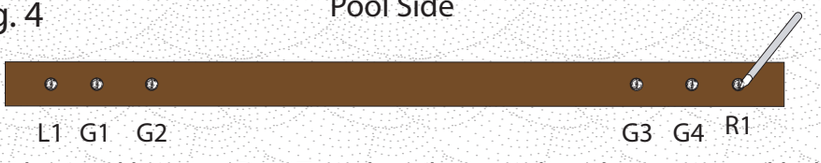


Next mark the four inner gate holes labeled G1, G2, G3, & G4 seen in Fig. 3 below.

Fig. 3

Mark your last hole in the template (hole R1). This is the first hole of the section going to the right of the pool. Fig. 4

Fig. 4

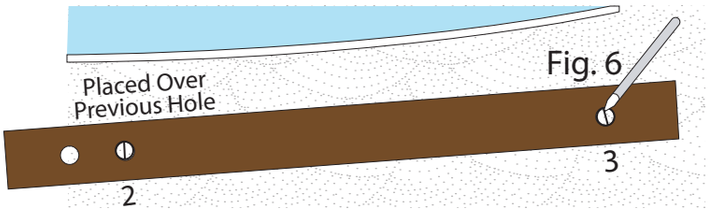


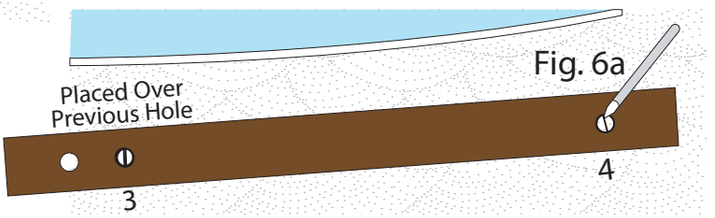
Remove your gate template and lay your D.I.Y. Template down and mark your second hole (hole 2) which is the second hole on the section going to the left of the pool. Then slide your template over the last hole you marked to the right R1 and mark another (hole 2). This is the second hole in the section going to the right of the pool.. See Fig.5 **Note: R1 will be in a straight line and should be drilled level.**

Pool Side Fig. 5

The gate and the first two poles of the section going to the left and the section going to the right are marked out. Now follow the instructions in the fence install guide starting at page 3 depicting the diagram below. (You do not need to add gate holes when you have a self-closing gate unless you are putting a manual gate in another area along the run of the fence.) (Remember you have already marked out the first two holes on both the section going to the left of the pool and section going to the right. You will start by marking the third hole in the section to the right.) Follow the Fence Install Guide until it is time to drilll your gate.

- Now mark the next three holes (Exactly 36" template size) which are the middle holes Fig. 6-6a





Step 2: Drilling the Gate

- Gate Drill: First drill G1. This hole is drilled on a Light Lean angle toward the direct center of the gate. Next, slide your drill guide over G2 and drill the same Light Lean toward the center of the gate. See Fig. 7 & Fig. 7b. Then clean out the debris and sleeve the hole Fig. 7c & 7d. NOTE: Refer to D.I.Y. Install Guide for Lean Settings on the Drill Guide **or call 561-316-6418**

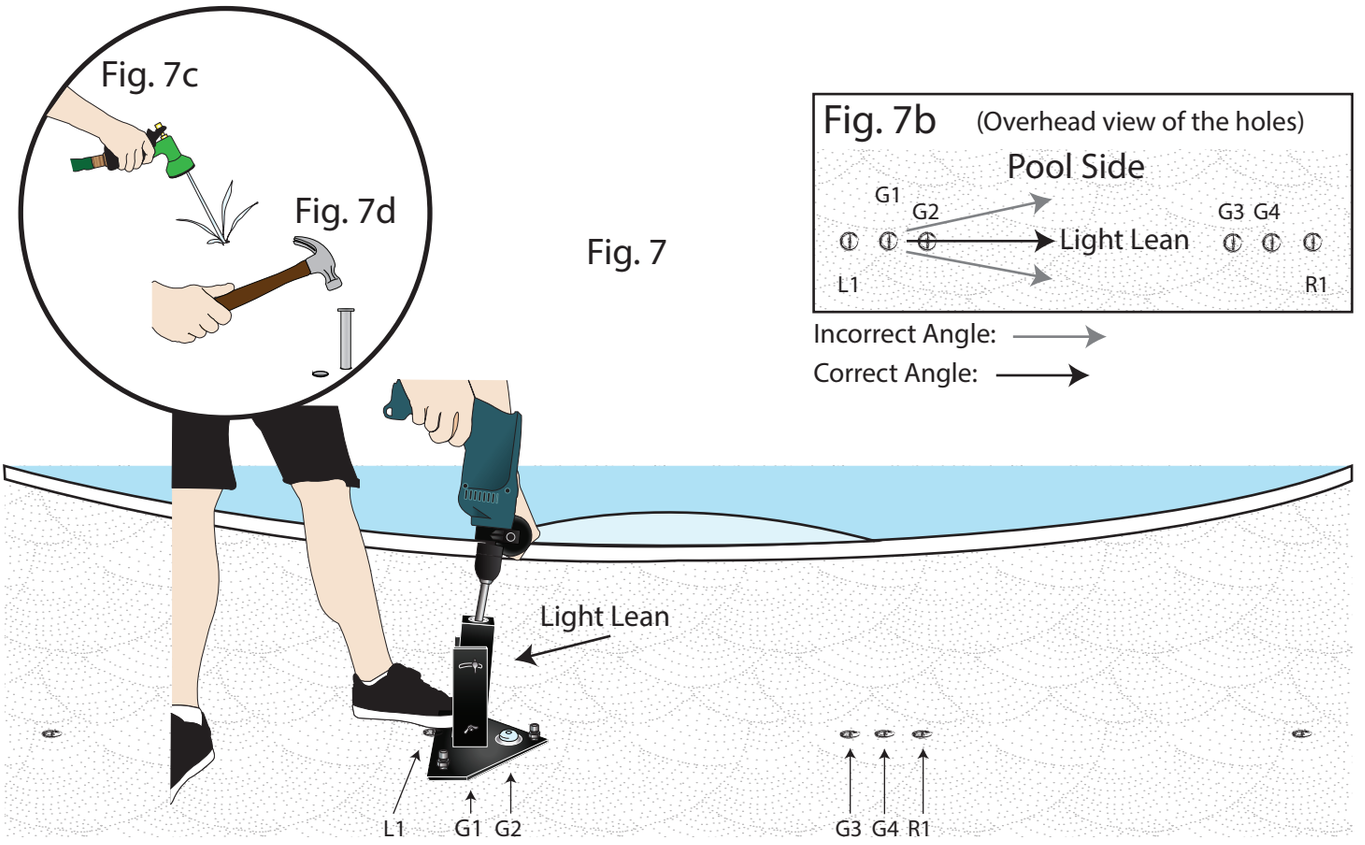


Fig. 7

- Drill G3 on a Light Lean toward the direct center of the gate. Next slide the drill guide over G4 and drill the same lean as G3 See Fig. 8 & 8b. Then clean out the debris and sleeve the hole Fig. 8c & 8d.

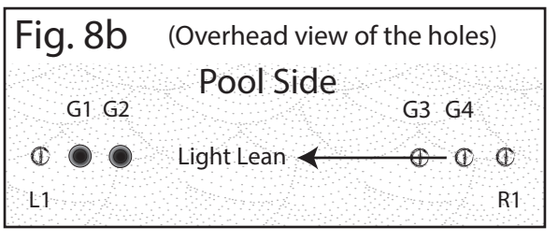


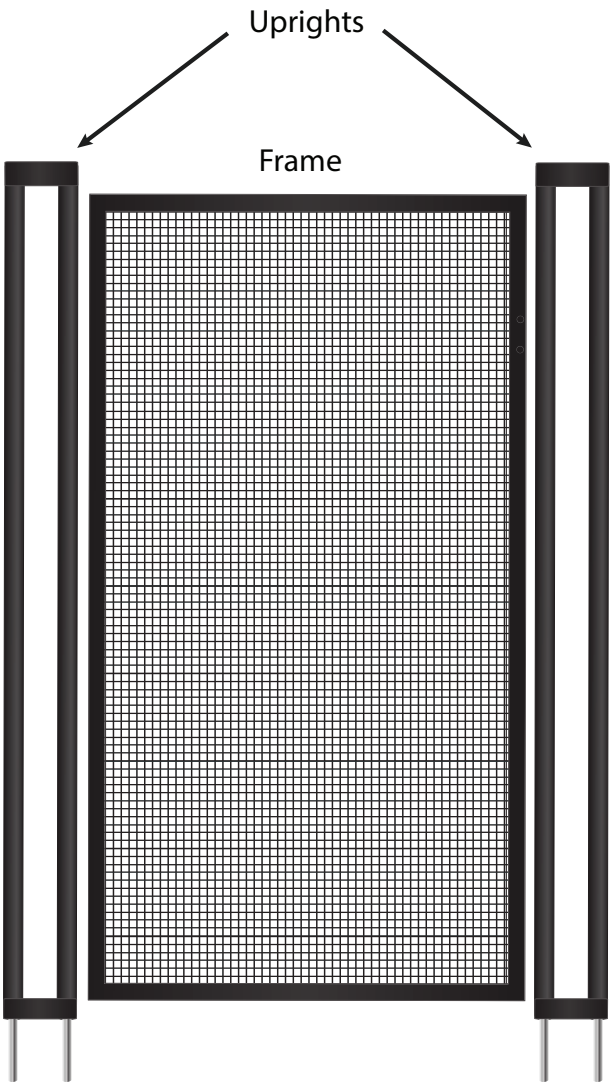
Fig. 8

- Drill **L1** & **R1** **<u>Level</u>** when the gate is going in a straight line.

Please Call 561-316-6418 if you have any questions

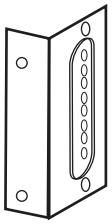
GATE ASSEMBLY INSTRUCTIONS

****NOTE: There are 2 upright posts, one has pre-drilled holes for the hinges the other has pre-drilled holes for the latching system.****



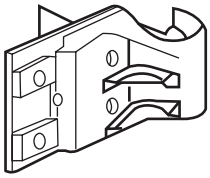
Latch Body

Latch Body Mounting Plates (2)



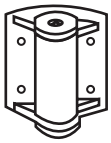
Hinge Slip

Striker Body



Latch Body Locking Screw

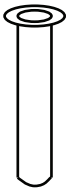
Hinges (2)



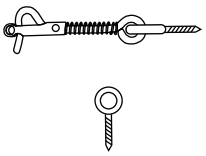
Mounting Screws (26)

Hinge Slip Screw

Sleeves (4)



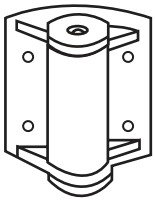
Latch and Eye (2)



1. Lay Out:

Lay the Gate Frame and the two Uprights on a flat, soft surface to prevent the gate from scratching. ***NOTE: You can use the box the gate is shipped in.

2. Attach Hinges:



Mounting Screws (16)

To attach the hinges you must first find your upright post that has the pre-drilled holes at the top and bottom, make sure that the allen key used to adjust the tenson for the hinge is facing upwards so the holes align, the hinges can be mounted to have the gate open either direction. Once aligned use the Hex head hinge screws provied to attach the hinges as shown.

Hinge upright

Gate Hinge Installation

Pre-drilled holes for Hinge upright will be on the top and bottom to attach your hinges

Note: The hinge upright has holes pre-drilled on both the right and left side allowing for a right or left handed opening

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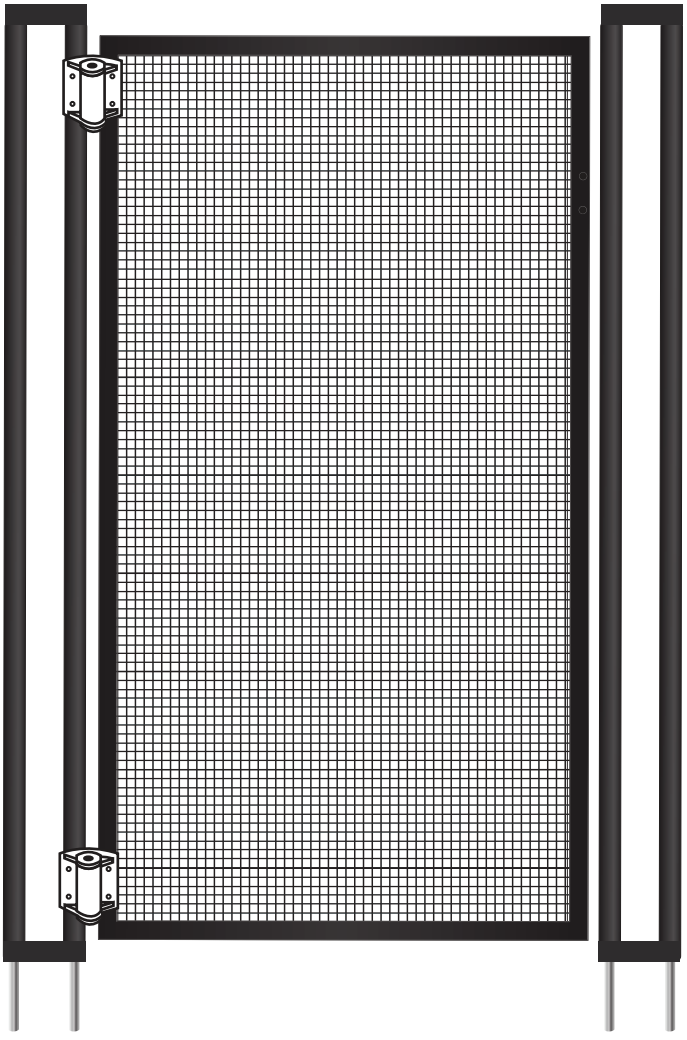
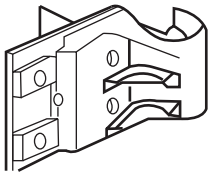


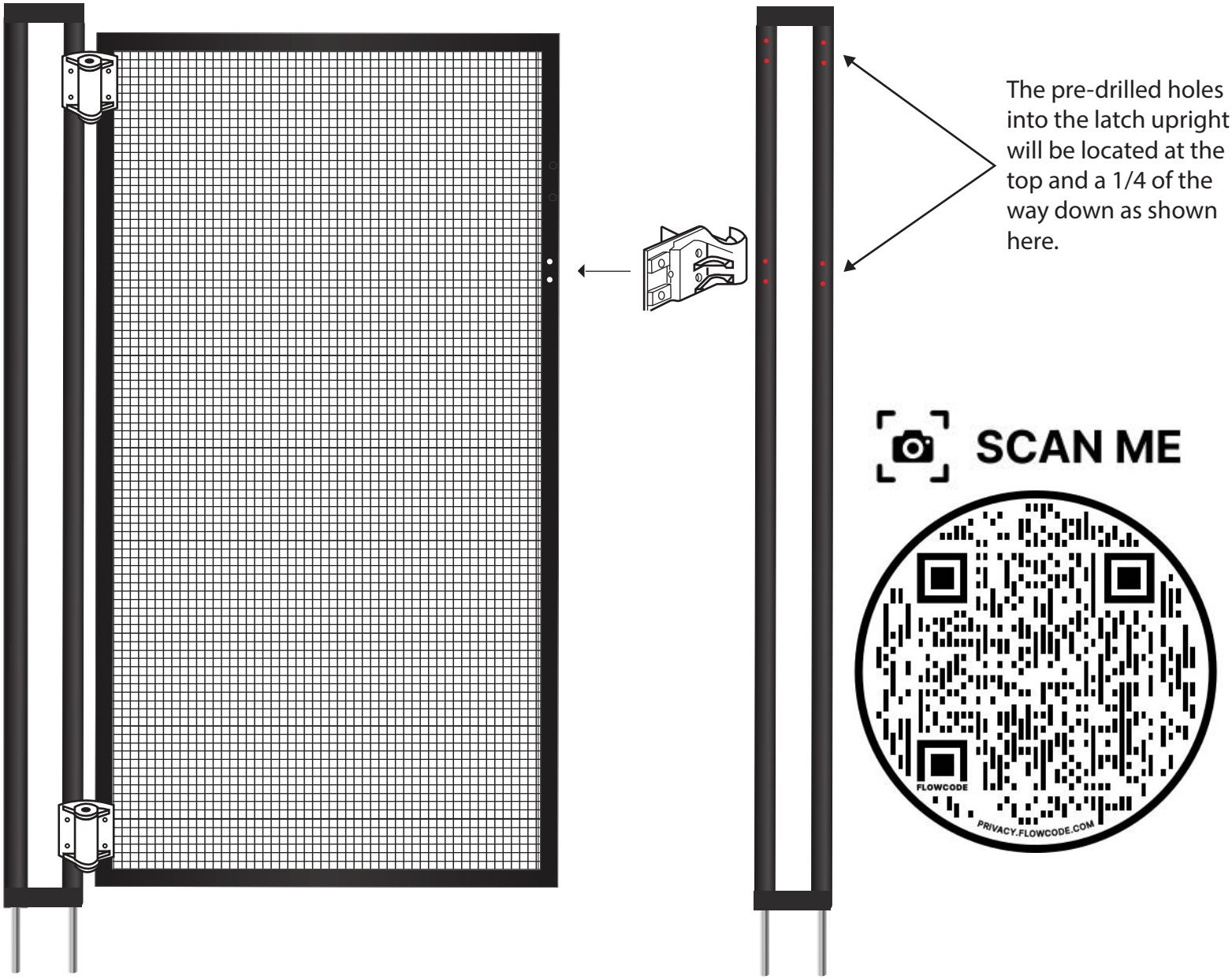
3. Attaching Mounting bracket and Striker Body:



NOTE: Seperate the Latch body locking screw from the rest of the mounting screws, it will be slightly longer. This screw is used for completion and will be the final step of ajusting your gate.

The mounting bracket for the striker body will attach on the square mesh portion of the gate, find the pre-drilled located on the side, you may have to remove one screw holding the moulding to align the bracket. Drill new holes if location is not ideal. Once the bracket is attached the striker body will slide onto the bracket

Latch upright post



The pre-drilled holes into the latch upright will be located at the top and a 1/4 of the way down as shown here.

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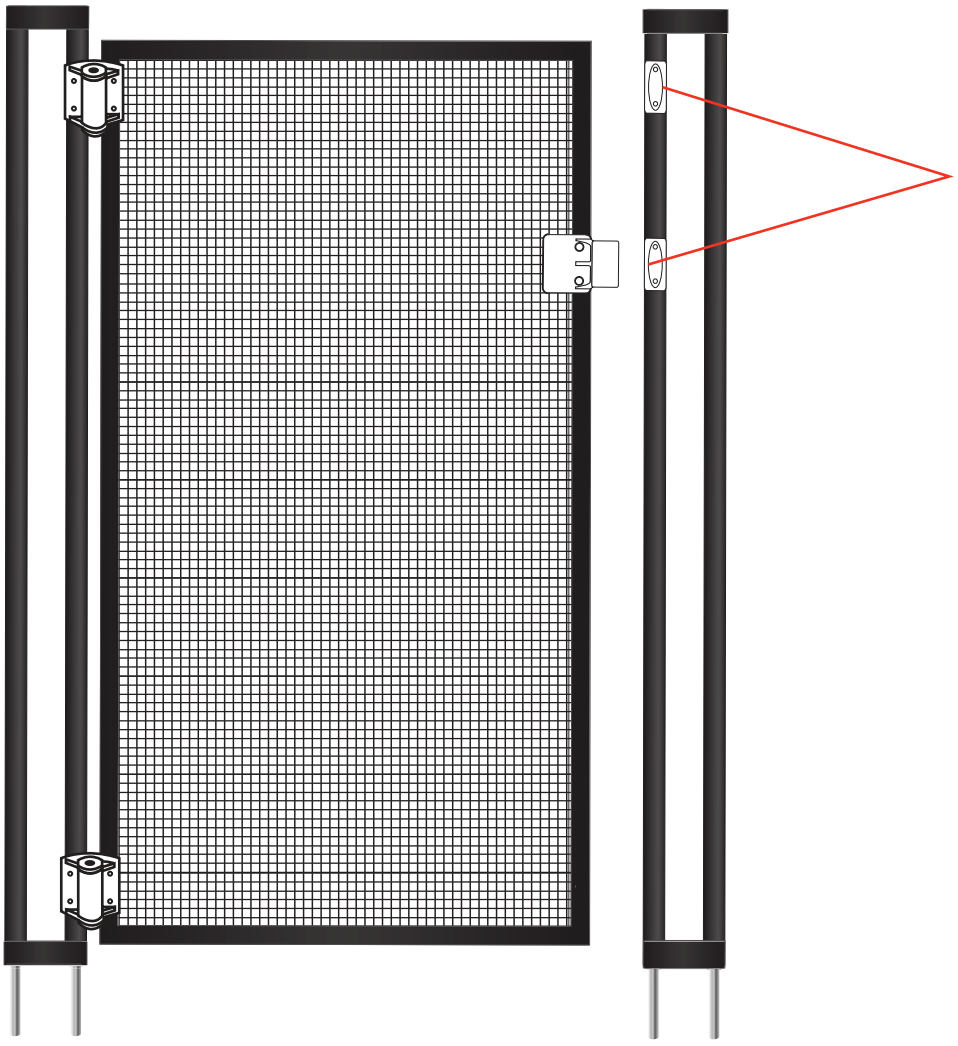
4. Set Latch Body Mounting Plates:

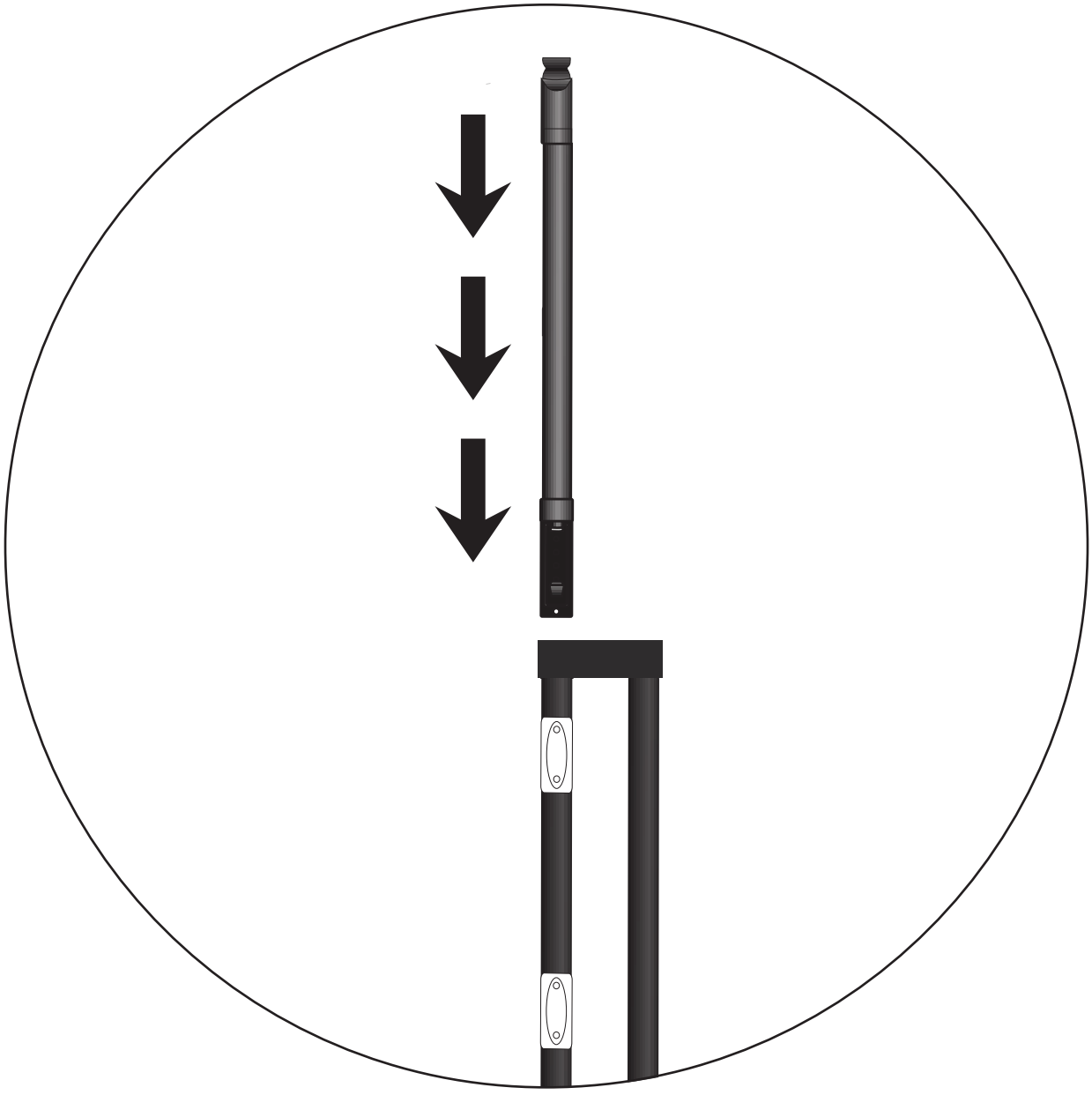
Once you have attached the mounting bracket and the striker body to the mesh frame you will attach the latch body to the upright post for the latch hardware as shown in diagram. The two brackets provided with the latch body need to be removed from it by sliding them off the bottom of the latch body, once removed place the brackets over the pre-drilled holes on the latch uprights, the bottom bracket will align with the striker body as shown in the diagram. When attaching the brackets do not screw in the bottom screw, this will be for the latch body mounting screw and will be the very last step you will do.



Attach with provided screws.

5. Attaching Latch Body:

Once the brackets are attached to the latch upright you can then slide the latch body onto its brackets the very bottom hole will be for final ajustments and to lock your latch body in place.



NOTE: YOU MAY NOT NEED ATTACH THE LATCHES IF THEY ARE ALREADY ATTACHED

- Latching the Gate: Drill the pilot hole and bevel it. Fig. 11. Then screw your latch in as shown in Fig. 11b.

Fig. 11

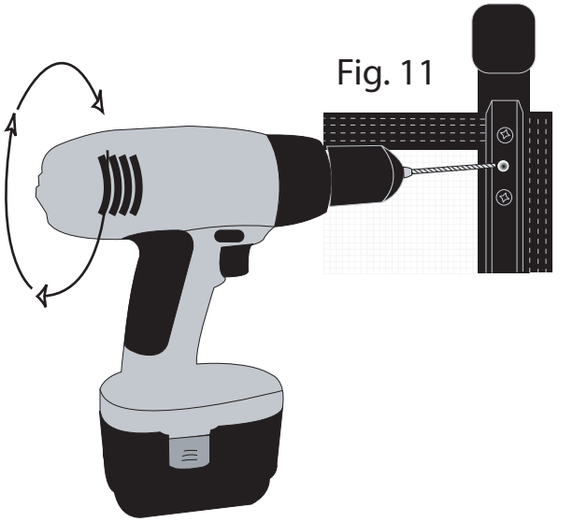
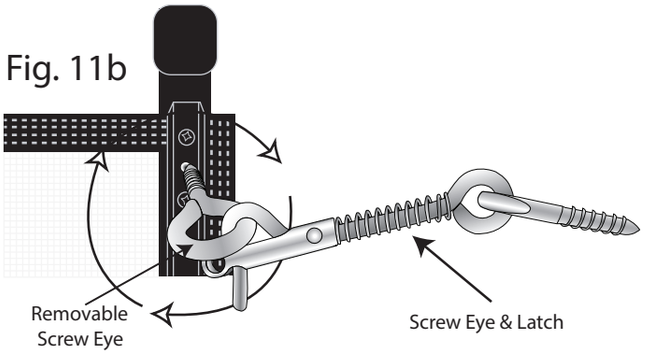
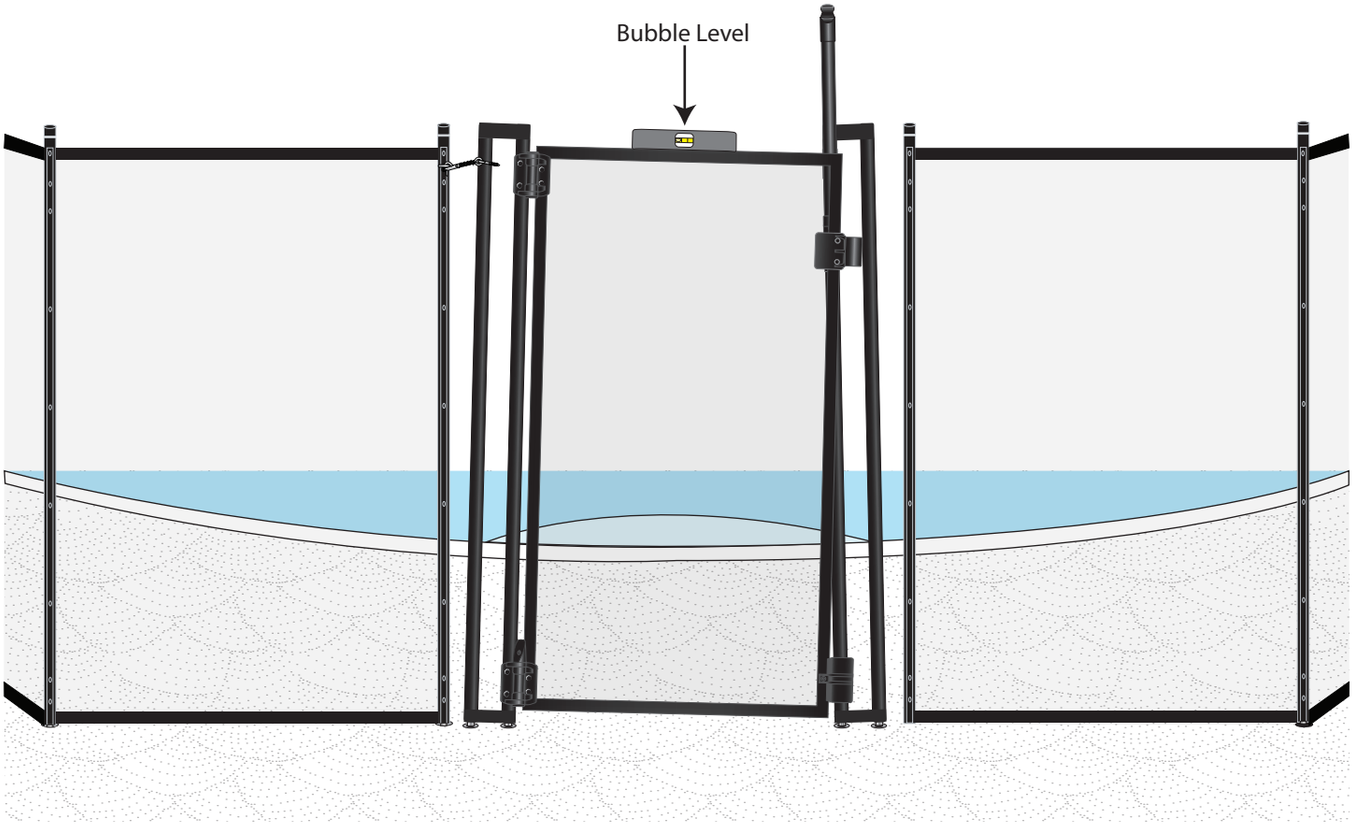


Fig. 11b



- Now, place a small level on top of the gate. This will allow you to put the other part of the latch in the correct place so that the gate will be level when latched. See Fig. 12

Fig. 12



NOTE: YOU MAY NOT NEED ATTACH THE LATCHES IF THEY ARE ALREADY ATTACHED

- Squeeze fence post L1 and the gate frame as shown below in Fig.13 until the bubble indicates level. Then make a mark on the Gate Frame Post where to drill for the part of the latch. Please Call 561-316-6418 if you have any questions.

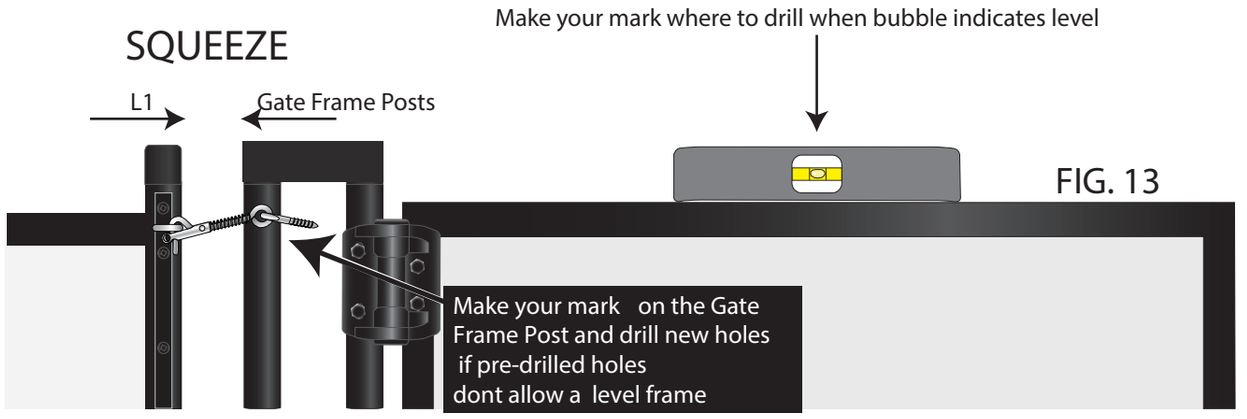


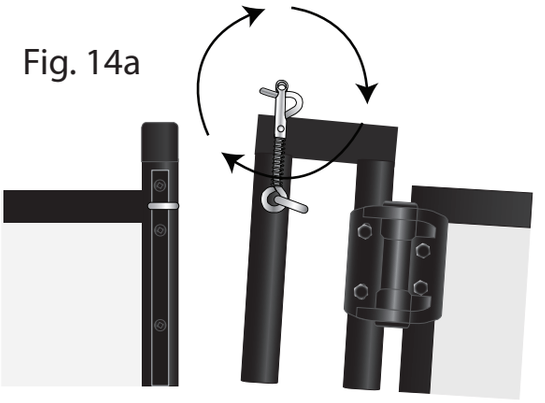
FIG. 13

NOTE: YOU MAY NOT NEED TO DRILL HOLES, THEY COULD BE PRE-DRILLED, DRILL NEW HOLES ONLY IF YOU CANNOT GET GATE LEVEL

- Using your drill gun and the 1/8" drill bit, drill the hole in the Gate Frame post where you marked and bevel. See Fig. 14. Now disconnect the latch from the screw eye and turn the other screw eye into the Gate Frame Post using the latch to turn it until there are no visible threads.

Fig. 14

Fig. 14a



- Squeeze Pole L1 and the Gate Frame Post and connect the latch to the screw eye. The bubble should indicate level when the latch is connected as shown below. See Fig. 15

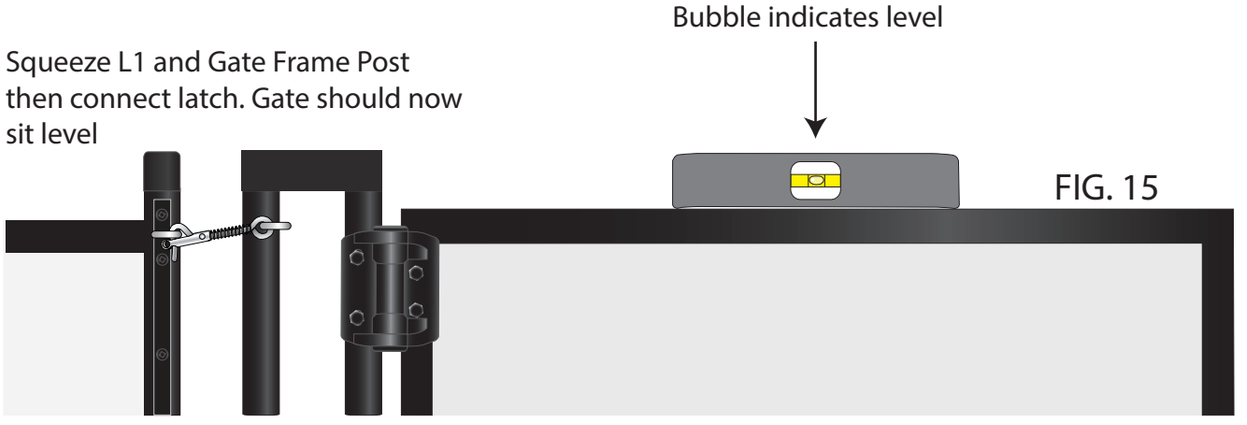


FIG. 15

NOTE: YOU MAY NOT NEED ATTACH THE LATCHES IF THEY ARE ALREADY ATTACHED

- Next, using your drill and 1/8" drill bit, drill through pilot hole in pole R1 and bevel. See Fig. 16. Then screw your latch into the hole you just drilled into pole R1 Fig. 16a

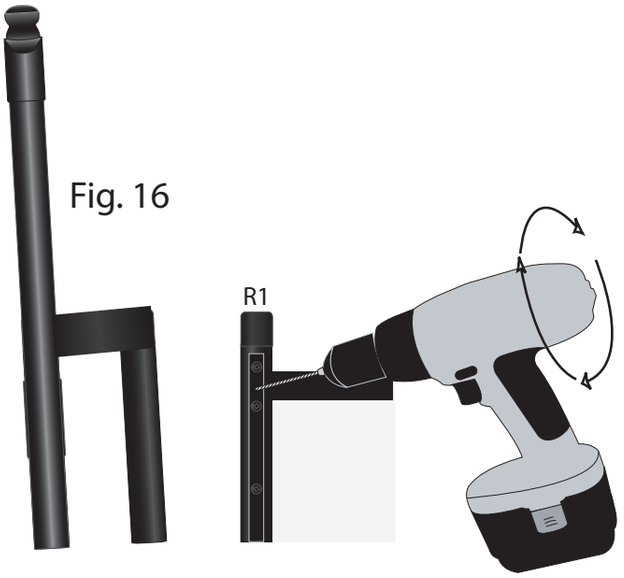


Fig. 16

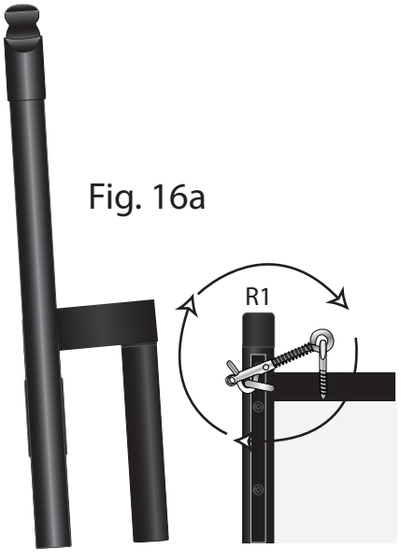


Fig. 16a

- This post should also be level. Squeeze R1 and the Latch Post until the latch post is level, then mark where to drill. See Fig. 17 . Next, using your drill with the 1/8" drill bit, drill a hole into the front of the Latch Post and bevel. See Fig. 17a. Disconnect the latch from Pole R1 and screw it into the Latch Post. See Fig. 17b . Now squeeze the Latch Post and Pole R1 and connect using the latch you just installed.

*****NOTE: YOU MAY NOT NEED TO DRILL HOLES, THEY COULD BE PRE-DRILLED IF THE PRE-DRILLED HOLES DO NOT ALLOW THE GATE TO BE LEVEL, DRILL THE HOLES IN THE PROPER POSITON TO ACHIEVE A LEVEL GATE OR GATE POST.**

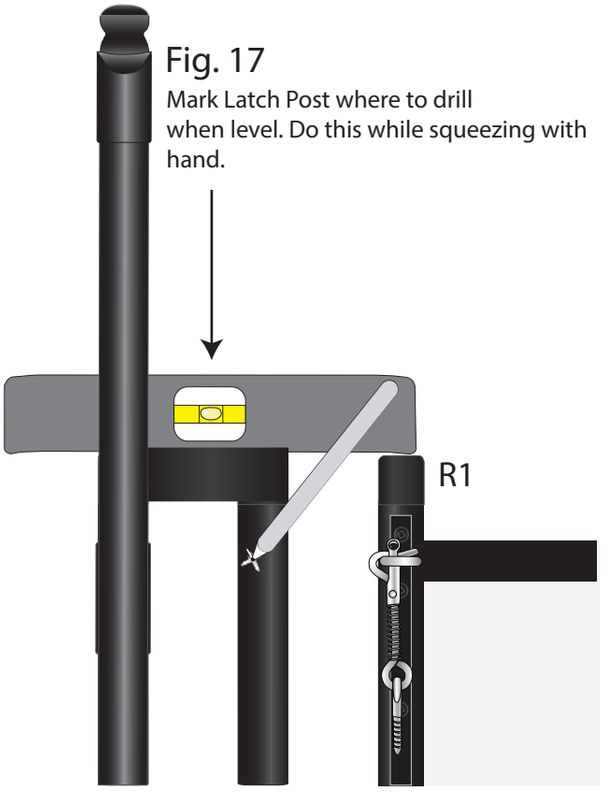


Fig. 17

Mark Latch Post where to drill when level. Do this while squeezing with hand.

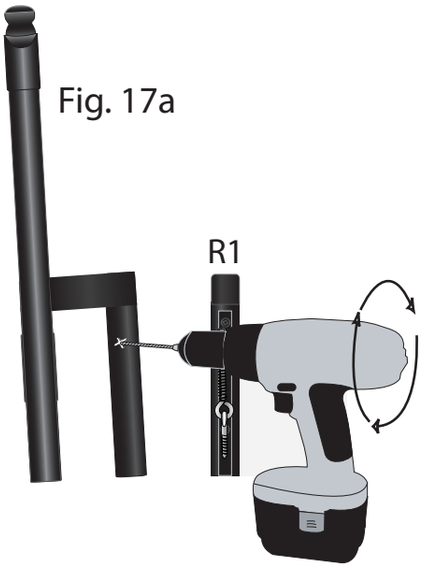


Fig. 17a

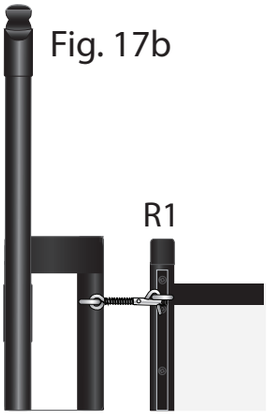
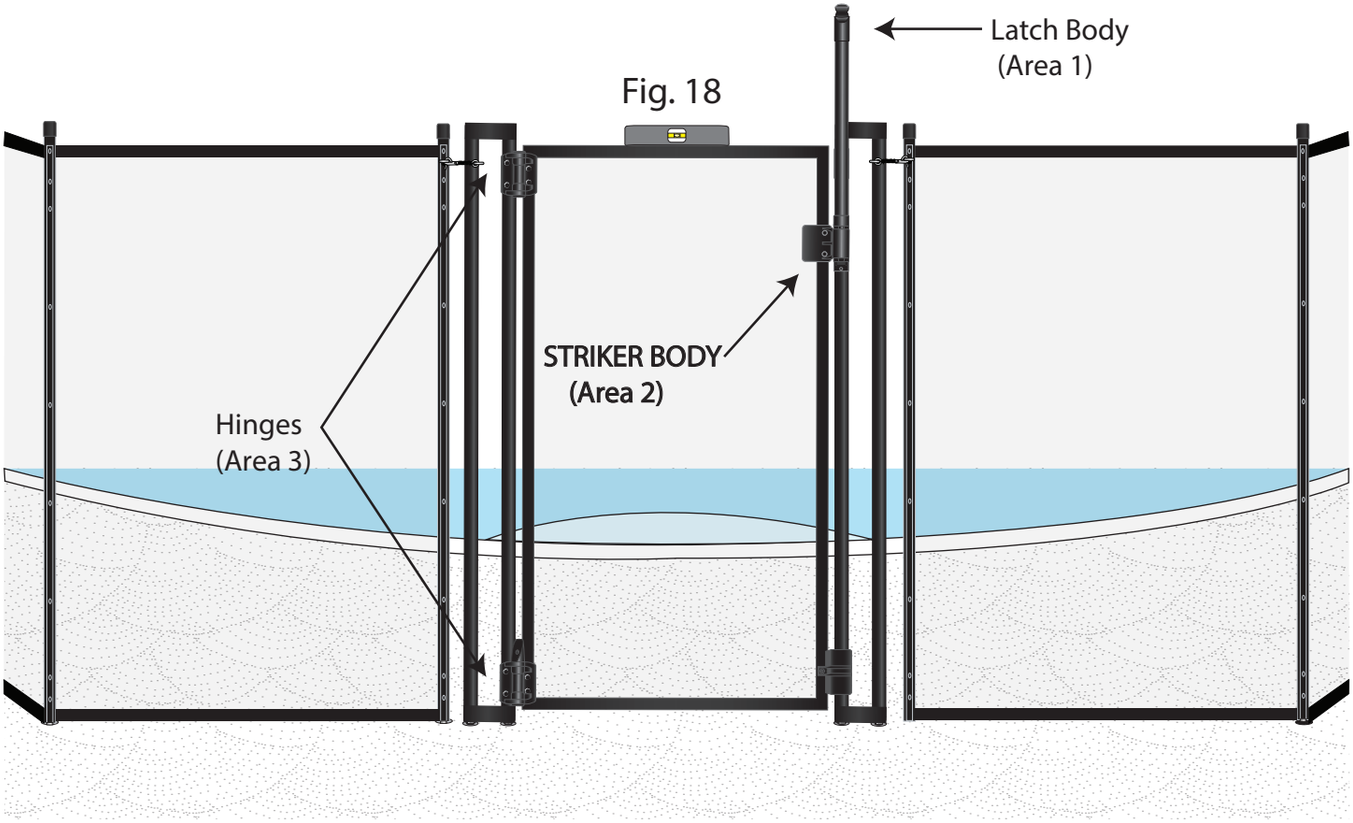


Fig. 17b

- The D.I.Y. Gate is connected to the fence. See Fig. 18. You now must make all necessary adjustments to the D.I.Y. Gate Latch System and Hinges. There are 3 areas you will most likely need to adjust. Area 1 is the Latch Body. Area 2 is the Striker body . Area 3 are the Hinges.

Fig. 18



In Fig. 19 shows how to lock down your Latch body once final ajustments have been made. Fig 20 shows how to make horizontal ajustments. Fig 20A shows how the 2 parts should line up for proper latching.

- Start with **Area 1 (Latch Body)** to adjust. There is a locking screw located on the bottom of the latch body. Remove the locking screw and slide the Latch Body either up or down on its track and line it up to the catch. See **Fig. 19** In this example, the Latch Body must slide down until the Locking Pin is just below the top of the Catch as shown in **Fig. 19a** then replace the locking screw.

Fig. 19

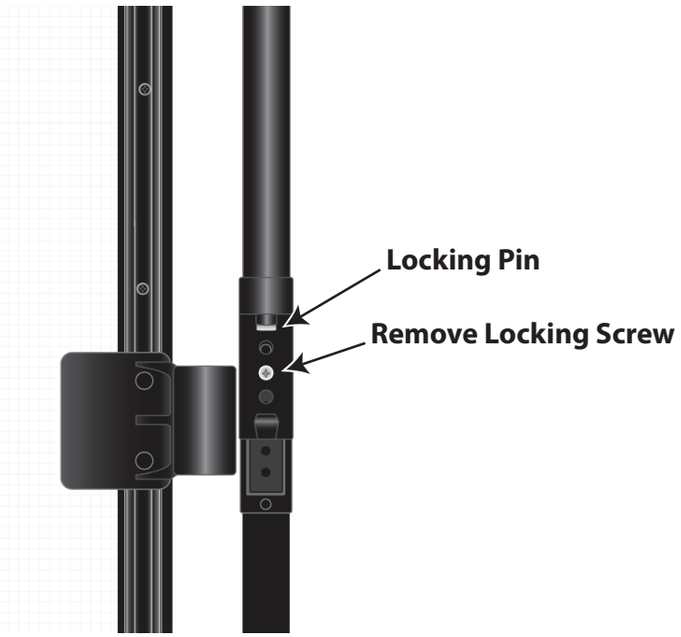
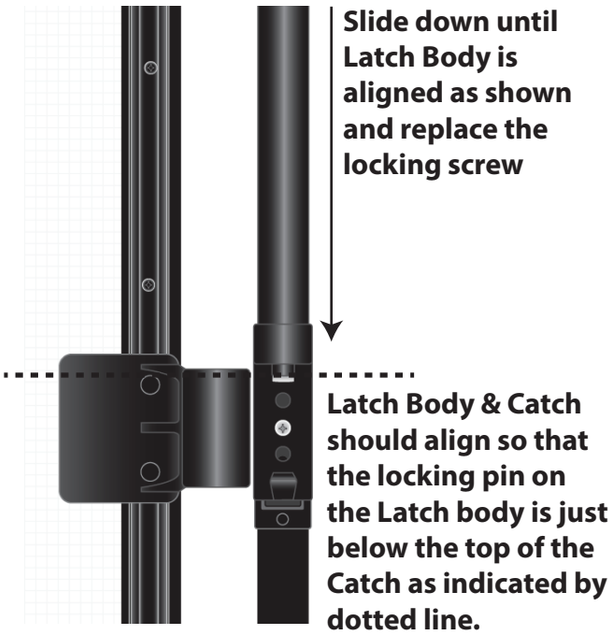


Fig. 19a



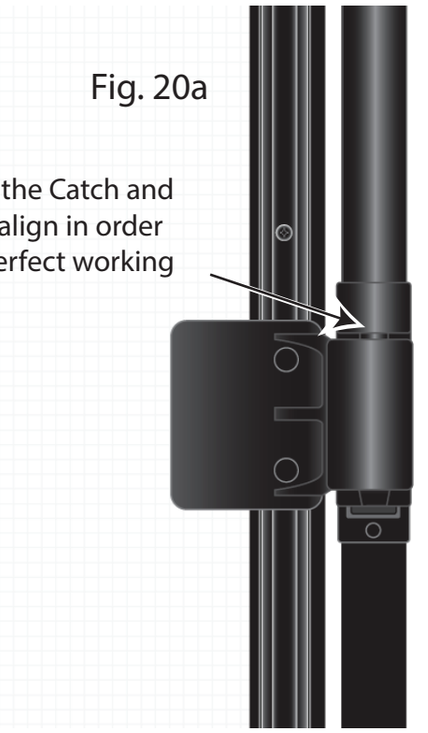
- Area 2 (Catch) must be adjusted in this example to meet the Latch Body. Using a Philips Head screw driver, turn the Catch Adjustment Screw counter clockwise so that the Catch will slide out to meet the Latch Body as shown in Fig. 20. When the correct amount of adjusting is done, the Catch should meet the Latch Body and lock smoothly as shown in Fig. 20a .

Fig. 20

Catch Adjustment Screw **:** turn clockwise to slide catch out. Turn counter clockwise to slide catch in.

Fig. 20a

Notice how the Catch and Latch Body align in order to ensure perfect working condition.



- Area 3 (Hinges) are adjusted in order to give the D.I.Y. Gate its signature self closing feature. Both Hinges should be adjusted equally. Simply use a flat head screw driver on either the top or the bottom of each hinge (Depress and turn counter-clockwise to increase tension on the top of each hinge; or by depressing and turning clockwise increase tension on the bottom of each hinge). Test tension on gate by opening it and watching it swing closed. Do this to both Hinges until desired tension is aquired. Then replace slip cap on the bottom hinge. **For more info, please call 561-316-6418**

Step 3: Test & Locking Gate

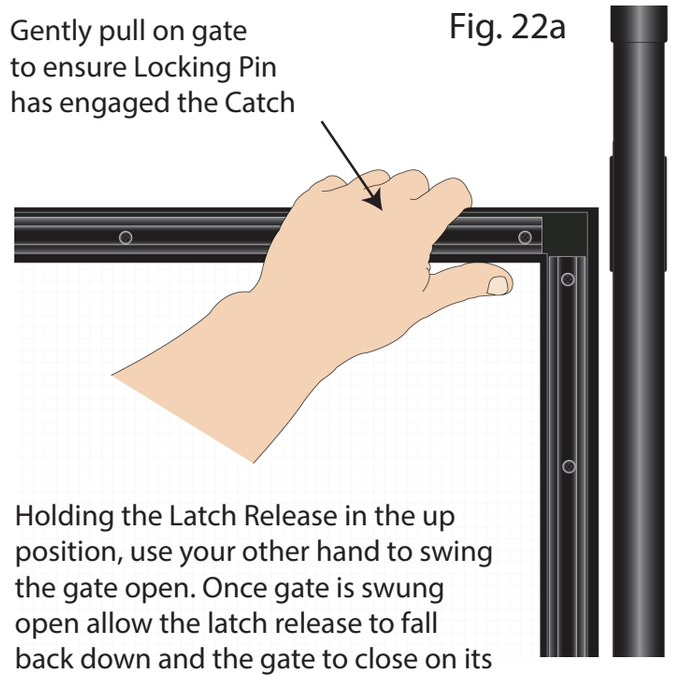
- Test: Your D.I.Y. Gate is fully installed, latched and adjusted. The last step is to test and make sure your gate is working properly Pull Upwards firmly on latch to disconnect magnetz properlyas in Fig. 22 then using your other hand pull the gate open and make sure that it closes and clips shut so that it cannot be opened unless you use the latch release. Fig. 22a Repeat this a few times to make sure the gate is working properly.

Fig. 22

Pull up on latch release to disengage

Fig. 22a

Gently pull on gate to ensure Locking Pin has engaged the Catch



Holding the Latch Release in the up position, use your other hand to swing the gate open. Once gate is swung open allow the latch release to fall back down and the gate to close on its own. Finally gently pull on the gate to ensure that the Locking Pin on the Latch Body engaged the Catch and is secure.