

Part #	Part Name
1	Mounting Bracket A
2	Mounting Bracket B
3	Mounting Bracket C
4	Security Guide Bolt
5	Keyed Guide Bolt Receiver
6	Latch Assembly
7	Lock Hood
8	Spindle
9	Strike Assembly A
10	Strike Assembly B
11	Spacers
12	Strike Plate
13	Support Pin
14	Hex Bolts
15	M4 Screws
16	1/2" Self-Tapping Screws
17	1 1/2" Self-Tapping Screws
18	2 1/2" Self-Tapping Screws
19	3/4" Large Phillips Screws
20	Rubber Trim Plate
21	Outside Lock Body
22	Inside Lock Body
23	Flat Head M4 Screws
24	Set Screws

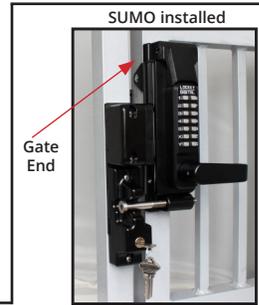
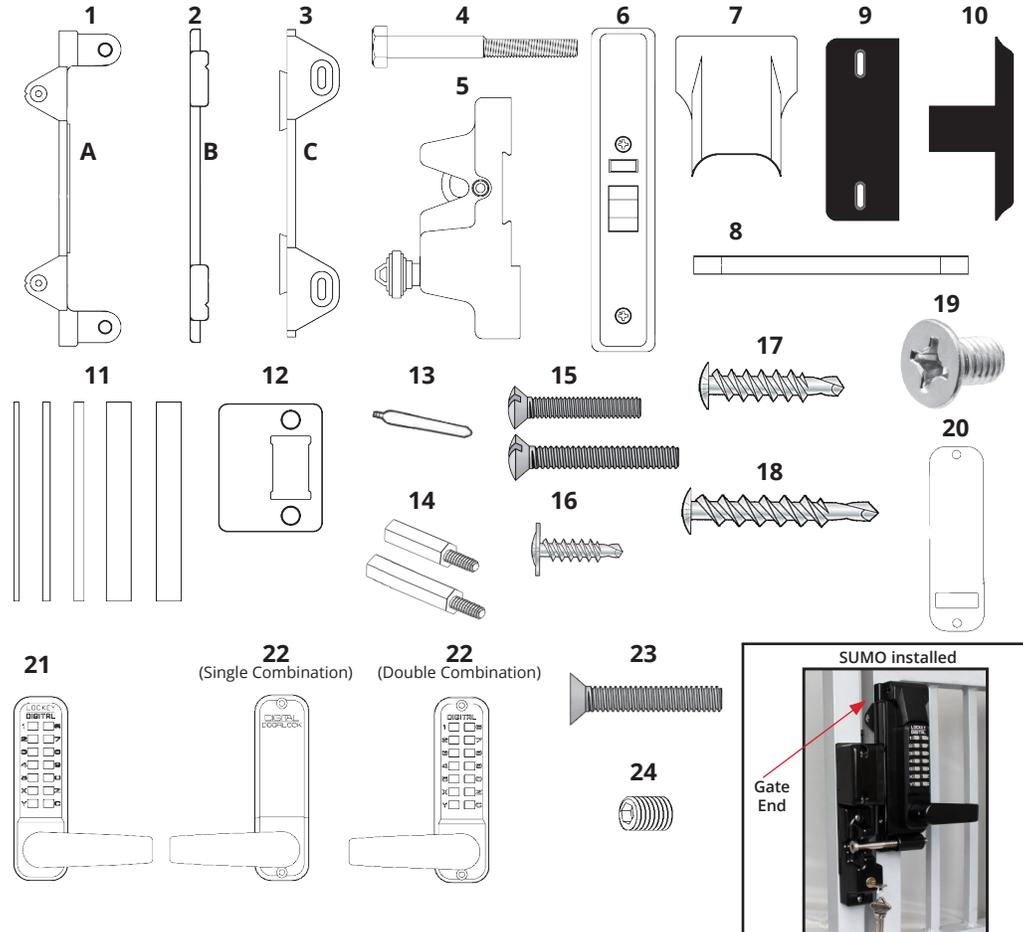


Diagram 1

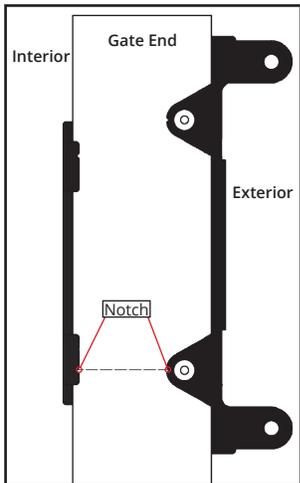
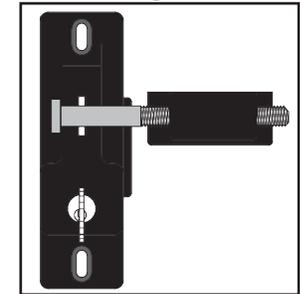


Diagram 2



IMPORTANT:

- SUMO mounts on left and right hand gates. SUMO Mounting Bracket A must be mounted on the pull side of the gate. Lockout feature works on outswing gates. If your gate is an inswing gate, you may want to switch hinges to allow the pull side of the gate to be the exterior.
- SUMO Mounting Brackets must mount flat on the fence and gate posts.

INSTALLATION INSTRUCTIONS

- Using Mounting Bracket A (#1), identify the desired placement of the SUMO. The two tabs on Mounting Bracket A must mount on the inside edge of the gate.
 - Place Mounting Bracket A in the desired position. Temporarily secure with one 1/2" Self-Tapping Screw (#16) through the center hole on Mounting Bracket A.
 - On the inside of the gate, locate the bottom tab with a notch in it on Mounting Bracket A. Draw a straight line from the bottom notch to the edge of the gate (See Diagram 1).
 - Place Mounting Bracket B (#2) on the opposite side of the gate. Line the bottom notch on the bottom inside tab with the line drawn in Step 1b. (See Diagram 1).
 - Mount and secure Mounting Bracket B with a 1/2" Self-Tapping Screw through the center hole.
- Insert Security Guide Bolt (#4) into the bottom hole on Mounting Bracket A with the bolt pointing towards the fence post. DO NOT tighten set screw at this time.
- Attach Keyed Guide Bolt Receiver (#5) to the bottom channel of Mounting Bracket C (#3).

Note: The keyed hook MUST be in the locked position in order to slide the Keyed Guide Bolt Receiver onto Mounting Bracket C. After the Keyed Guide Bolt Receiver is installed on Mounting Bracket C, unlock the receiver.
- Hold Mounting Bracket C with Keyed Guide Bolt Receiver to the fence post. Hold in place until the Security Guide Bolt is centered into the v-groove of the Keyed Guide Bolt Receiver, where the hook is (See Diagram 2). This will center the locks assembly with the strike assembly.
 - Mark the top of Mounting Bracket C with a pencil.
 - Open the gate. Secure Mounting Bracket C to the post with two 1/2" Self-Tapping Screws through the tabs on the inside fence post edge.
 - Close the gate to ensure the Security Guide Bolt and Keyed Guide Bolt Receiver are centered and you are able to lock the security hook.

5. Next, adjust Security Guide Bolt for added security.
 - a. With gate closed, adjust the Security Guide Bolt in or out so the end just starts to hit the v-groove of the Keyed Guide Bolt Receiver.
6. Remove Mounting Bracket A and insert Set Screw (#24) using the allen wrench into the hole on the backside. Tighten in order to secure Security Guide Bolt into place. Make sure the flat side of the Security Guide Bolt thread is in contact with the set screw.
7. Place Mounting Bracket A back onto gate and secure with three 1/2" Self-Tapping Screws (2 screws through the tabs on the inside edge of gate, 1 through center hole used in previous step). Close the gate and check to make sure the Security Guide Bolt and v-groove of the Keyed Guide Bolt Receiver remain aligned.
8. Drill out mounting holes on Mounting Bracket A and Mounting Bracket B. (**See Diagram 3**)
 - a. Using a 5/16" drill bit, drill out mounting holes B & D on both Mounting Brackets A & B.
 - b. Using a 1/2" drill bit, drill out mounting hole C on both Mounting Brackets A & B.
9. Once holes are drilled, place Latch Assembly (#6) onto Mounting Bracket A, then slide Lock Hood (#7) over top and secure with two 3/4" Large Phillips Screws (#19).

Note: To change latch direction, remove face plate. Pull & twist latch head so the rounded edge faces Mounting Bracket B when installed. Re-secure face plate on latch.
10. Install Combination Lock
 - a. Change the combination of your lock if you wish to change it from the code given. Please refer to the how to change code instructions at the end of the instruction document.
 - b. Cut the Spindle (#8) to its correct length by measuring the thickness of your gate post.
 - Use Chart 1** to determine appropriate spindle length.
 - c. Double check spindle length – place Inside Lock Body (#22) to inside Mounting Bracket B. Place Spindle through Latch Assembly and all the way into the Inside Lock Body. Measure the distance the Spindle sticks out from the Latch Assembly to make sure you have 3/8" – 5/8" showing. **Note:** If your spindle is too short, your lock may not open. If your spindle is too long, your lock may bind and stay unlocked causing the lock to not clear when opened.
 - d. Insert Support Pin (#13) into Outside Lock Body (#21). See Diagram 3 to determine gate handing. For right handed gates, insert support pin in the left hole. For left handed gates, insert into the right hole (**See Diagram 4**).
 - e. Screw the proper length Hex Bolts (#14) into the Outside Lock Body and place the Rubber Trim Plate (#20) on the inside of the Outside Lock Body.
 - f. With the spindle in place, hold the Outside Lock Body to the Latch Assembly.
 - g. Place Rubber Trim Plate onto Inside Lock Body and hold into place on Mounting Bracket B. Secure Inside Lock Body to Outside Lock Body through the gate with two M4 Screws (#15).
 - h. Install lever handles onto both lock bodies using the two Set Screws. Handles should point towards hinges.
11. Your lock should now work. Test your lock by pressing the "C" button followed by your combination. Your lock should now open and retract the latch. Be sure to check both sides to make sure your lock is working properly.
12. You are now ready to mount the strike assembly.
 - a. Slide the Strike Assembly A (#9) onto the top channel of Mounting Bracket C.
 - b. Use the Spacers (#11) and Strike Assembly B (#10) with the Strike Plate (#12) to determine the minimum gap between your gate and fence post. The recommended distance for your gap is 1/8".
 - c. Place Spacers and Strike Assembly B with the Strike Plate into place and secure them with two Flat Head M4 Screws (#23).
13. Test to make sure all lock functions work properly.
 - a. If the lock doesn't work properly, refer to Steps 1 through 12.
 - b. If the lock works properly, advance to the final step.
14. Secure the Keyed Guide Bolt Receiver and the Strike Assembly A to the fence post.
 - a. With the two 1 1/2" Self-Tapping Screws (#17), secure the Keyed Guide Bolt Receiver using the slotted holes.
 - b. With the two 2 1/2" Self-Tapping Screws (#18), secure the Latch Strike Assembly using the slotted holes.
15. Your lock is now installed and ready to use. See next page for installed photo of the SUMO.

Diagram 3

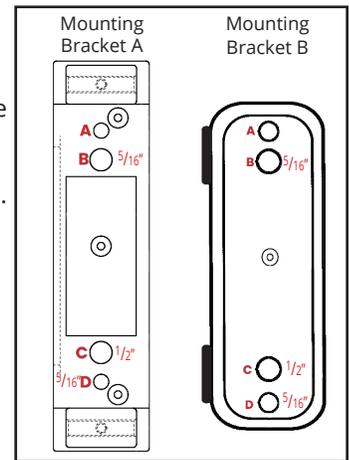
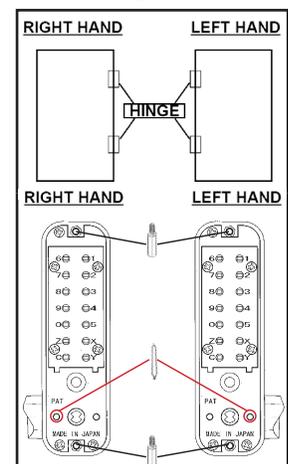


Chart 1
(in inches)

Gate Post Thickness	Spindle Length (Single Combination)	Spindle Length (Double Combination)
1	4.5	4
1.5	5	4.5
2	5.5	5
2.5	6	5.5
3	6.5	6
3.5	7	6.5
4	7.5	7
4.5	8	7.5
5	8.5	8

For Single Combination locks:
Add 3.5" to gate thickness for spindle length
For Double Combination (DC) locks:
Add 3" to gate thickness for spindle length

Diagram 4



VISIT WWW.LOCKEYUSA.COM/SUMO FOR INSTALLATION VIDEOS, PRODUCT FEATURES, DIMENSIONS & SPECIFICATIONS.

If you have questions, please contact LockeyUSA Technical Support at **888.395.0163** or support@lockeyusa.com.

For added security on the SUMO, M4 Tamper Proof Screws are available

for purchase through any authorized LockeyUSA distributor or on www.LockeyParts.com.

LOCKEY
USA

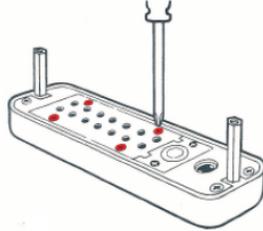
www.LockeyUSA.com/SUMO
FOR INSTALLATION VIDEOS, PRODUCT FEATURES,
DIMENSIONS & SPECIFICATIONS & MORE!

SUMO

How to Change User Code/Combination

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.



'C' = CLEAR (DO NOT REMOVE)

'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. PRESS & HOLD 'C' BUTTON to release tumblers.

IMPORTANT: 'C' button *MUST* be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



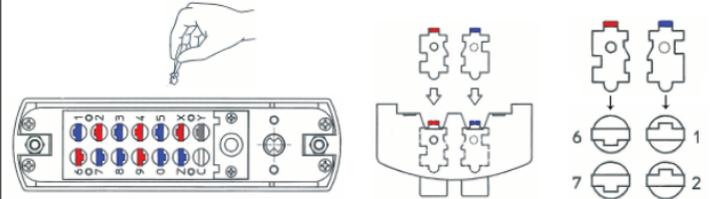
WARNING:

Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add CODE (Red) and NONCODE (Blue) tumblers to create your desired code.

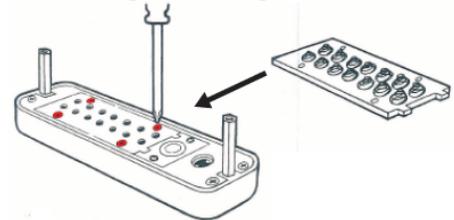
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.

7. TEST CODE before installing/re-installing lock.



For more helpful tips and installation instructions, visit www.LOCKEYUSA.com

IMPORTANT INFORMATION ABOUT YOUR LOCK

1. When the door is closed, the system locks automatically.
2. From the inside, unlock using the lever handle.
3. From the outside, unlock by pressing 'C' (CLEAR), followed by your User Code.
4. Your lock is equipped with a PASSAGE FUNCTION, allowing you to leave the door unlocked.

****USING THE PASSAGE FUNCTION WILL COMPROMISE THE SECURITY OF THIS LOCK****

To enable the passage function:

Press 'C' (CLEAR), then 'Y' (PASSAGE), then enter User Code.

To disable the passage function:

Press 'Y' (PASSAGE), followed by 'C' (CLEAR).

To disable the passage function PERMANENTLY:

Remove the 'Y' (PASSAGE) tumbler, leaving that slot empty.

IMPORTANT:

Always press and hold 'C' Button when removing and inserting Tumblers. Refer to 'How to Change Code' instructions above.

