

Mechanical Gun Safe Locks

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Champion Safe provides the ultimate [gun safe security](#). In addition to 100% continuous MIG welds and reinforced door casements for a strong gun safe body, the best [electronic](#) and mechanical gun safe locks are used on each safe. Sargent & Greenleaf, an innovative lock company, introduced its first combination lock to the public in 1857. The combination lock proved its dependability over the years, so much so that it is used by the U.S. Treasury Department.

The same craftsmanship involved in the first combination lock is carried over to the more recent line of [mechanical combination locks used by Champion Safe Co.](#) ***Sargent & Greenleaf mechanical locks, consisting of dials and rings, have unceasingly set the standard for other lock companies.*** Sargent & Greenleaf has remained a front-runner in the industry for more than 150 years.



[Sargent & Greenleaf mechanical locks](#) consist of Three Combination Wheels, a Patented Sargent & Greenleaf Torque Adjuster, Integral Relock Trigger, and a Brass Four-Way Drive Cam. While other safe companies use less-advanced locks, Sargent & Greenleaf locks have relockers, a feature that protects against drilling or torching. If a lock is tampered with, a relocker will lock up the last tumbler as an extra safety measure.

Proper Lock Dialing Technique

When a user is unable to open their dial gun safe lock, it is likely due to an improper dialing technique. A couple good things to remember when trying to open your lock include:

- There are usually two index lines on a dial ring. The one at the twelve o'clock position is used in dialing open the lock. The mark at the eleven o'clock position (if present) is used only for changing the combination.
- While performing any procedure involving dialing numbers into the lock, it is important to view the dial and ring straight on. This helps ensure the number you are entering will be aligned directly with the index mark.
- If you dial past the intended number even slightly, begin the entire dialing procedure again.
- Always count the number of times the number passes the opening index, not the number of revolutions you turn the dial.

How To Open a Mechanical Sargent & Greenleaf Dial Lock

When opening your dial lock, first turn the dial counterclockwise at least four times before stopping on the first number of the lock combination. Then, turn the dial clockwise, the opposite direction of the first time, and stop on the second number in the series. Next, turn the dial clockwise until reaching the third number in the combination. Finally, turn the dial clockwise again until the dial completely stops at about 87. There may be some resistance around number 97, but keep turning until the dial completely stops. Turn the safe handle clockwise to retract the locking pins.

DIAL INSTRUCTIONS:

Always count the number of times the number passes the opening index, not the number of revolutions you turn the dial.

STEP 1



Turn the dial counterclockwise (LEFT) three times stopping on the first number at the index mark.

1st # _____

STEP 2



Turn the dial clockwise (RIGHT) stopping on the number the third time you see it at the opening index.

2nd # _____

STEP 3



Turn the dial counterclockwise (LEFT) stopping the second time you see the number at the opening index.

3rd # _____

STEP 4

Turn the dial clockwise (right) until the dial completely stops at about 87. You will feel some resistance at about 97 but keep turning the dial until it completely stops. Then turn the safe handle clockwise to retract the locking bolts.

In order to relock a safe, pins should be completely extended and the dial must be turned counterclockwise at least four times, which will scramble and clear out the combination. If any problems occur, contact a dealer.

To Change Out or Replace Your Mechanical Gun Safe Lock

For a replacement or change in the type of lock that is currently on your Champion gun safe, call Customer Service at 801.377.7199. A professional from Champion Safe Co. will explain the options, cost, requirements, and what steps are necessary in order to retain the lock warranty. A new lock will ship to your door from one of our Champion Safe warehouses.

Your Mechanical Dial Lock Warranty

The Sargent & Greenleaf mechanical lock has a five-year warranty. Champion Safe Co. offers an extended lock warranty that will save you from major expense if your gun safe ever needs lock repairs or replacement. Contact us to learn more about purchasing an extended warranty plan for your lock.

