

Big Red® Safe Locks

"Big Red, The Safe-Lock with the Red-Wheels"®

GROUP 2, 2M MECHANICAL LOCKS

Patent Pending



OPERATION AND CHANGING INSTRUCTIONS

MODEL CDL-4/CDL-4M, UL GROUP 2 and GROUP 2M COMBINATION LOCK

Featuring DeadLoc Technology®

TO OPEN:

Your lock may be set on a factory shipping combination, or it may be set on a true, three number combination. To open a lock set on a factory shipping combination on 50, turn the dial **LEFT** until "50" aligns with the **OPENING INDEX** the fifth [5] time. Now turn the dial **RIGHT** until it comes to a complete stop. The dial should stop at about "86" indicating the lock bolt has been retracted.

If your lock is set on a true, four-number combination, for example, 50-25-40-60, follow these steps to open:

1. Turn the dial **RIGHT** until the first number of the combination 50 aligns with the **OPENING INDEX** the fifth time.
2. Turn the dial **LEFT** until the second number of the combination 25 aligns with the **OPENING INDEX** the fourth time.
3. Turn the dial **RIGHT** until the third number of the combination 40 aligns with the **OPENING INDEX** the third time.
4. Turn the dial **LEFT** until the second number of the combination 60 aligns with the **OPENING INDEX** the fourth time.
5. Turn the dial **RIGHT** until it comes to a complete stop.

If the dial does not stop, carefully repeat the entire opening procedure. Remember to dial exactly to number of the combination with which you are working. Dialing even a small amount past a number you meant to stop on will cause the lock to remain locked. This is part of the lock's mechanism security.

Note: The dial should stop between 80 and 100 depending on where the dial was splined at the factory indicating the lock bolt has been retracted.

To **RELOCK** the combination lock, turn the dial **FIVE** complete revolutions to any **NON-COMBINATION NUMBER**.

CHANGE THE LOCK COMBINATION:

You will need the **Yellow Zinc Color Change key** [Part# CHKY-2040-000] in the figure to the right to access the lock to change the combination.

To Change the combination, please first open the lock, with bolt fully retracted (Refer to the [To Open] Section above)

If your lock is set on the factory shipping combination on 50:

Turn the dial **LEFT** until the number "50" aligns with the **CHANGING INDEX** the fifth time. Go directly to the step titled "**INSERT THE CHANGING TOOL**".

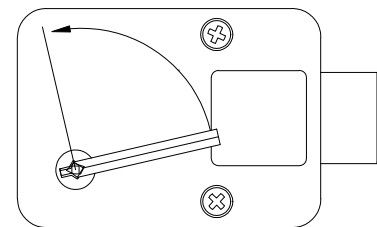
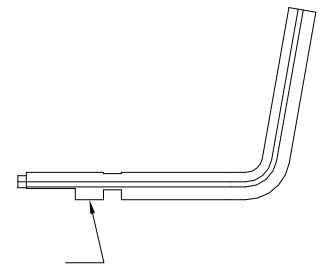
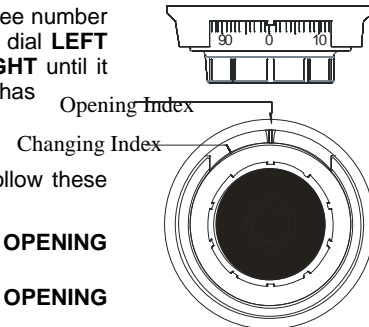
If your lock is set on a true, Four-number combination:

1. Turn the dial **RIGHT** until the first number of the combination aligns with the **CHANGING INDEX** the FIFTH time.
2. Turn the dial **LEFT** until the second number of the combination aligns with the **CHANGING INDEX** the FOURTH time.
3. Turn the dial **RIGHT** until the third number of the combination aligns with the **CHANGING INDEX** the THIRD time.
4. Turn the dial **LEFT** until the fourth number of the combination aligns with the **CHANGING INDEX** the SECOND time.

INSERT THE CHANGING TOOL:

The profile of both the change key and the opening in the lock's cover allow the change key insertion only when aligned correctly. It may be necessary to wiggle the change key slightly in order to insert it to the point where the change key wing is entirely inside the lock case and the key has fully engaged the lock case.

DO NOT attempt to turn the change key until the wing is **completely inserted and bottoms out in the lock case**. Once this is accomplished, rotate the key approximately ninety degrees **COUNTERCLOCKWISE** (the only direction in which it will turn). A definite release of tension inside the lock will be felt (**SEE FIGURE AT RIGHT**).



ENTER THE NEW COMBINATION:

1. Turn the dial **RIGHT** until the first number of the NEW combination aligns with the **CHANGING INDEX** the fifth time.
2. Turn the dial **LEFT** until the second number of the NEW combination aligns with the **CHANGING INDEX** the fourth time.
3. Turn the dial **RIGHT** until the third number of the NEW combination aligns with the **CHANGING INDEX** the third time.
4. Turn the dial **LEFT** until the fourth number of the NEW combination aligns with the **CHANGING INDEX** the second time.
5. Hold the dial steady, turn the change key to the **LEFT** until it stops [Approximately one-quarter turn counterclockwise] and **REMOVE** the key.

If you feel you have made any errors, however small, in the changing procedure, begin again with the first step in this section ("ENTER THE NEW COMBINATION").

NOTE: DO NOT PULL OUTWARD ON THE CHANGING TOOL UNTIL IT HAS BEEN FULLY ROTATED TO THE SAME POSITION AS WHEN YOU FIRST INSERTED IT.

DO NOT USE A NUMBER BETWEEN "95" and "99" OR BETWEEN "0" AND "20" FOR THE THIRD (OR LAST) NUMBER OF THE COMBINATION. THIS CAN CAUSE A CONDITION WHICH WILL INHIBIT THE MECHANISM FROM LOCKING CORRECTLY

CHECK THE NEW COMBINATION:

Check your new combination by following these instructions, which are identical to those under "TO OPEN".

1. Turn the dial **RIGHT** until the first number of the NEW combination aligns with the **OPENING INDEX** the fifth time.
2. Turn the dial **LEFT** until the second number of the NEW combination aligns with the **OPENING INDEX** the fourth time.
3. Turn the dial **RIGHT** until the third number of the NEW combination aligns with the **OPENING INDEX** the third time.
4. Turn the dial **LEFT** until the fourth number of the NEW combination aligns with the **OPENING INDEX** the second time.
5. Turn the dial **RIGHT** until it comes to a complete stop.

If the dial does not stop, carefully repeat the entire opening procedure at least two more times before calling a qualified safe technician. DO NOT REMOVE THE BACK COVER OF THE LOCK AND/OR REMOVE ANY COMPONENTS, AS YOU WILL VOID YOUR WARRANTY!

5. A combination change should be considered successful only when the new combination is successfully tried at least **[3]** **three times.** Only then is it safe and permissible to close and lock the safe door.

WARNING! AFTER CHANGING, ALWAYS CHECK YOUR NEW COMBINATION AND RETRACT THE COMBINATION LOCK BOLT SEVERAL TIMES BEFORE YOU CLOSE AND LOCK YOUR SAFE DOOR.

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