

# Diamondback by Cobalt Gun Safe Operating Instructions

IF YOUR SAFE HAS AN MECHANICAL COMBINATION LOCK PLEASE REVIEW SECTIONS 1 THROUGH 6.

IF YOUR SAFE HAS AN ELECTRONIC LOCK PLEASE REVIEW SECTIONS 7 THROUGH 14.

## 1. ABOUT THE LOCK

Your safe is equipped with an Underwriters Laboratories (UL) Listed Group 2, three-tumbler combination lock. To obtain the level of security required for a safe, the lock is engineered and manufactured to very exact tolerances. While it will perform perfectly through normal use, it is very intolerant of abuse.

Note: The most common abuse of the lock is spinning the dial with a rapid motion. Turn the dial at a slow to moderate speed.

Note: Your safe has a factory set combination. No two safes have the same combination. If you wish to change your combination, contact a local safe technician. Specialized tools and knowledge are required to change the combination.

**WARNING:** Never lubricate the lock or dial with any type of lubricant. They are lubricated at the factory and with normal use will never require lubrication

## 2. ABOUT THE DIAL

The dial is a device that simply drives the lock. Your safe is equipped with a top read dial. The dial is graduated in one (1) number increments from zero (0) to ninety-nine (99). At the top of the dial ring are two index marks. The one located at the twelve o'clock position is the dialing index and will be used to align the numbers on the dial when dialing your combination. The other index mark (at approximately 11 o'clock) is the changing index and is used when setting the combination at the factory. As the end user of the safe, you will not use this mark.

## 3. ABOUT THE KEY LOCKING DIAL (If your safe has a key-lock feature, please read below.)

Your safe features a key lock in the dial that allows you to lock your dial in a single position to prevent unauthorized tampering. To engage the lock... rotate the dial (left or right) until the number zero (0) and the dialing index (12 o'clock position) are aligned, insert the key and while holding the dial at zero (0), turn the key counter-clockwise 180 degrees of rotation to engage the lock. When the dial is locked, it is normal for your dial to have 2 to 3 numbers of travel to the left and right of the zero (0).

To open the safe, you simply insert the key and while holding the dial, rotate the key

clockwise 180 degrees of rotation to unlock and then remove the key. The lock is now read to be dialed open.

#### **4. DIALING THE COMBINATION**

Each safe comes with a factory set combination. For security reasons no two safes have the same combination. For the purpose of these dialing instructions, we will assume the combination is:

1st number: 20

2nd number: 40

3rd number: 60

(Please see the included combination card for your combination)

Note: When dialing, if you pass your desired number, you cannot back up the dial. This will get the tumbler mechanism out of sequence and the lock will not open. If you encounter this situation, simply start over.

**PROCEDURE:** Use fingertip pressure only to turn dial.

*Step 1:* Rotate the dial at a slow speed to the left (counter-clockwise) five (5) revolutions and stop on the first number (20).

*Step 2:* Rotate the dial slowly to the right (clockwise). Pass the second number (40) once, continue turning the dial, pass the (40) again, continue turning and stop the dial when you come to (40) the third time.

*Step 3:* Rotate the dial to the left (counter-clockwise) and pass the third number (60) once and stop on (60) the second time.

*Step 4:* Rotate the dial to the right (clockwise). When the dial comes approximately to the number 97, you will begin to feel a slight resistance in the dial. This indicates the tumblers are properly aligned. Continue turning the dial to approximately number 87 or until the dial stops moving. The lock is now open.

**WARNING:** Never force the dial in any way. Severe damage to the lock and dial could occur if forced. Use fingertip pressure only.

#### **5. OPENING THE SAFE DOOR**

After dialing open the lock, rotate the safe handle to the right (clockwise) approximately 90 degrees. This action retracts the locking bolts, which in turn allows you to swing open the door. The door hinge mechanism will allow the door to travel 180 degrees for maximum access to the safe.

**WARNING:** Do not allow the safe door to swing into the body of the safe, since this could damage the paint finish.

#### **6. LOCKING THE SAFE**

After closing the door and engaging the locking bolts, rotate the dial to the left (counter-

clockwise) several revolutions to lock the lock. Next, rotate the dial to zero (0), insert the key and rotate the key to the left 180 degrees of rotation. Remove the key. Your safe is now locked.

**WARNING:** Once the door is closed and in the locked position, you will have to spin the dial to clear the combination. If this is not done the lock will remain in the opened position.

IF YOUR SAFE HAS AN ELECTRONIC LOCK PLEASE REVIEW SECTIONS 7 THROUGH 14.

## **7. ABOUT THE ELECTRONIC LOCK**

The electronic lock on your safe provides you with the same high degree of security as the mechanical lock but with more user friendly features. First, you can select and program into the lock your choice of an alphanumeric combination and you can change it as often as you desire.

You do not have to go through a complex dialing procedure to enter in your combination, you simply enter your 6-digit combination and open the safe. When you close the door and rotate the handle, the safe is automatically locked.

Electronic locks, like mechanical locks do not stand up well to abuse. When abused, both types of locks make the assumption that someone is trying to forcibly enter the safe and initiate their internal safeguards, which causes them not to open. Also, electronic locks are basically like a computer, they work very well when the exact input commands are made, and will not work at all if the incorrect input commands are made.

## **8. BASIC INFORMATION ABOUT THE ELECTRONIC LOCK**

There are several basics your must learn to understand the correct operation of your lock.

1. The input pad has 12 alphanumeric "keys" which are used to make all commands to the lock, which is located on the backside of the safe door. These "keys" are membrane switches and are to be operated with the tip of your finger only. Do not use anything other than your fingertips to operate the keys.

2. You will use the alphanumeric keys numbered 1 though 0. the "star" and "pound" keys are inoperable and have no function.

3. The lock is powered by a 9 volt Duracell or Energizer Alkaline battery which is located on the back of they keypad. We recommend that you change your battery annually. Use only an Alkaline battery. The lock will not operate properly using batteries with clever marketing terms as "heavy duty" or "super duty".

Note: For instructions on how to change the battery, please refer to section 12.

4. Do not remove the panel on the back of the door of the safe. You could cause damage to the locking mechanism and/or your lock, which will void the warranty of your safe.

5. You will get audio-visual feedback each time you push a key. At each keystroke, you

will hear a single "beep" and a red LED in the lower right hand area of the input pad will flash once. You will also get 2 beeps and flashes when you correctly enter your combination:

Example: Suppose your combination is 1-2-3-4-5-6.

Keystroke # 1: 1 beep and LED flashes once.

Keystroke # 2: 1 beep and LED flashes once.

Keystroke # 3: 1 beep and LED flashes once.

Keystroke # 4: 1 beep and LED flashes once.

Keystroke # 5: 1 beep and LED flashes once.

Keystroke # 6: 2 beeps and LED flashes twice

6. When you get the double beep and two flashes of the LED, the lock is telling you that you have entered the correct combination and it is unlocked. You can now turn the door handle and open the safe.

7. You can choose your own alphanumeric combination and program it into the lock. You must use 6 numbers or letters or a combination of numbers and letters; whichever is best for you to remember. For obvious reasons, the lock will not accept a combination such as 5-5-5-5-5-5 or any other successions of the same number.

## **9. OPERATING THE LOCK FOR THE FIRST TIME**

Enter the factory combination: 1-2-3-4-5-6.

Note: After getting the 2 beeps and 2 LED flashes you have approximately 4 seconds to open the safe. If you have not opened that safe in the amount of time, the lock will automatically return to the locked position.

Open the safe door by rotating the handle to the right (clockwise) approximately 90 degrees. This action retracts the locking bolts, which in turn allows you to swing open the door.

## **10. CHANGING IN THE COMBINATION**

We recommend that you change your combination before you begin using your new safe. It is a simple process but must be executed exactly. First, select a six- (6) digit combination that you can easily remember and then follow the instructions below:

1. Enter your existing combination and open the door, with the locking bolts extended.  
**THE DOOR SHOULD ALWAYS BE OPEN WHEN YOU ARE CHANGING COMBINATIONS.**

2. Enter in six- (6) zeros. This will put you in the programming mode.

3. Enter in your existing six- (6) digit combination.

4. Enter your new six- (6) digit combination.

5. Enter your new six- (6) digit combination again.

6. Wait approximately 10 seconds, and then enter your new combination.

7. If the procedure was executed properly, you will be able to rotate the handle.

8. If the safe will not open, the procedure was incorrectly done and the combination is

still your existing combination in Step 3. Leave the door open and begin with Step 2.

### **11. INVALID COMBINATION FEATURE:**

Your electronic lock has a feature, which prevents someone from randomly entering combinations and attempting to open your safe. When this is attempted, after an incorrect combination is entered four (4) times, the lock will automatically shut down for approximately 5 minutes. At the end of five minutes, the lock will automatically power up and will accept combinations. If the next combination that is entered is not the correct combination, the lock will immediately shut down for another 5 minutes. It will continue this until the correct combination is entered. When the lock is shut down in the invalid combination mode; the red LED will flash approximately every 5 seconds. You will not be able to enter another combination until the LED is no longer flashing.

### **12. CHANGING THE LOCK BATTERY**

Safe door should be opened and remain open throughout the battery changing procedure. The battery is located on the back of the keypad. To change the battery, simply cup your hands up underneath the keypad and push up. This will disengage your keypad from the door and allow access to the battery in the rear of the keypad. It is recommended that you use a Duracell or Energizer Alkaline battery. After installing a new battery, line up the keypad to the keypad mounting screws on the door and push down to snap into place. With the door open, extend the locking bolts by rotating the safe handle counter-clockwise approximately 90 degrees. Enter existing combination to verify proper operation. When finished with procedure, close safe door and resume normal operation of the safe.

Note: The combination of your safe is stored in "nonvolatile memory". Simply, this means that if your battery goes dead, your combination is still retained in the electronics of the lock. Your safe could literally sit for years without battery power and your combination would be retained. You would simply install a new battery, enter your combination, and open safe.

### **13. CLOSING THE SAFE DOOR**

**WARNING:** Make sure the door is clear of your hands and fingers before shutting the door. An injury could occur. Grasp the safe handle and make sure the locking bolts are retracted. Hold slight right (clockwise) pressure on the handle and gently close door.

Note: If locking bolts are not fully retracted when you are closing the door, the locking bolts may contact and damage the paint finish. Rotate handle to the left (counter-clockwise) and locking bolts will engage.

### **14. LOCKING THE SAFE WITH AN ELECTRONIC LOCK**

After closing the door and rotating the handle to engage the locking bolts, the safe is automatically locked. No further action is required.

If your keypad beeps twice after entering your six-digit combination but does not open, this could indicate that your battery does not have enough power in it to properly operate

the lock. Install a new 9-Volt Duracell or Energizer Alkaline battery and enter your combination again. If your keypad beeps three times after entering your combination, the combination has been changed.