

A-lukema 4-PIN Electronic Safe Lock Complete Replacement Kit

Matched keypad, 4-PIN cable, control module, blade solenoid lock body, reset button, and two mechanical emergency keys



[Compatibility Check](#) | [Installation](#) | [Operation](#) | [Code Setup](#) | [Troubleshooting](#)

KEEP THE DOOR OPEN | Factory Unlock Code: 147#

Press 1, 4, 7, and # to test unlocking. During installation, setup, and testing, keep the safe door open. Before closing, complete 10 consecutive electronic unlocks and test both emergency keys.

Use one brand-new 9V alkaline battery; battery is usually not included.

QUICK START & CONTENTS

Go directly to the page you need. For a first-time installation, start on page 3.

FIRST INSTALLATION CHECKLIST

Start on page 3 and complete every item before closing the safe door.

- 1

KEEP THE SAFE DOOR OPEN
Leave it open during installation, setup, and every test.
- 2

USE A NEW 9V ALKALINE BATTERY
Do not use carbon-zinc or rechargeable 9V batteries.
- 3

CONNECT ONLY 3 MATCHED CABLES
4-PIN keypad, 2-PIN lock body, and red 2-PIN reset.
- 4

TEST BEFORE FINAL ASSEMBLY
Enter 147# 10 times, then test both emergency keys.

START ON PAGE 3

CONTENTS	PAGE
First Use: Follow in Order	3
Pre-installation Check and Wiring	4-6
Bench Test and Emergency Keys	7-8
Photograph and Remove Old Parts	9-12
Install New Lock and Test with Door Open	13-15
Daily Unlocking and Code Setup	16-19
Final Inspection	20
Troubleshooting	21
Care and Safety	22

FIRST-INSTALLATION REMINDER

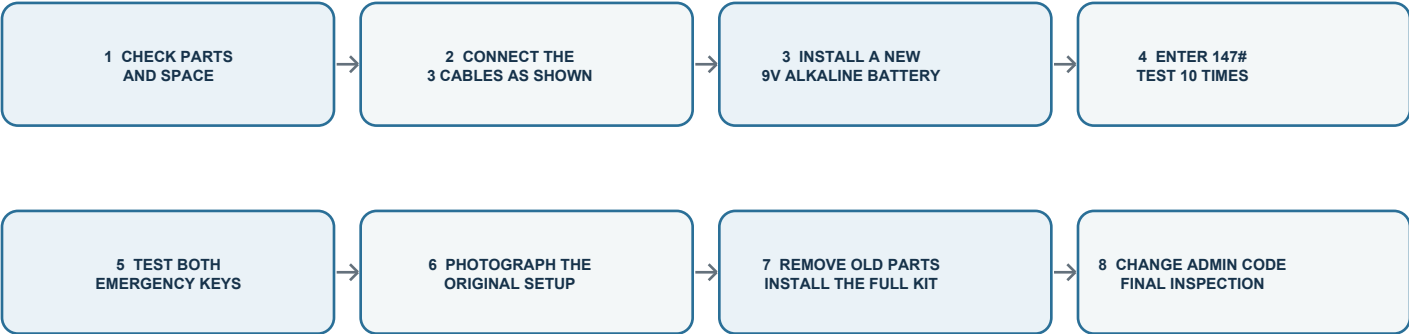
During installation, testing, and code setup, the safe door must remain open at all times.

FIRST USE: COMPLETE THESE 8 STEPS

Start with Step 1. Continue only after each step meets the PASS condition.

REMEMBER: KEEP THE DOOR OPEN; STOP IF A STEP FAILS

Never close the door during installation, testing, or code changes. If any step does not meet the PASS condition, stop and troubleshoot that step. Do not force a plug, twist, or pull. Factory unlock/admin code: 147#.



STEP	WHAT TO DO	PASS CONDITION	PAGE
1	Check all 6 parts and available mechanical space	All parts present; plug passes through hole; lock body sits flat; keys move freely.	3
2	Connect the 3 cables exactly as photographed	4-PIN keypad, 2-PIN lock, and 2-PIN reset cables in the correct ports; leave JP4 empty.	4
3	Open the keypad and install the battery	A beep or indicator-light response confirms power.	5
4	Bench-test electronic unlocking	147# releases and fully resets the lock 10 times in a row.	6
5	Test both emergency keys	Both keys insert fully, turn gently, release, and reset the lock.	7
6	Photograph the original setup	Clearly photograph plugs, routing, holes, lock body, and locking-bolt positions.	8
7	Remove old parts and install the complete new system	After fastening, repeated unlocking still works with no pinched wire, rubbing, or binding.	9-14
8	Change the admin code and perform final inspection	Close the door only after the new admin code, any user codes, and both keys all pass.	16-19

DAILY UNLOCKING TAKES ONLY 4 STEPS

Enter a valid 3-8 digit code -> Press # to confirm -> Green light / lock releases -> Turn the safe handle within about 6 seconds.

1. CHECK FIRST: PARTS AND SAFE FIT

All electronic parts in this kit are matched. You only need to verify the safe's mechanical space.



ID	ITEM INCLUDED
A	Round Electronic Keypad
B	Keypad 4-PIN Cable
C	Matched Control Module / PCB Box
D	Blade Solenoid Lock Body
E	Reset / Program Button Cable
F	Two Mechanical Emergency Keys

CHECK THESE 4 ITEMS	PASS CONDITION
Keypad Position	Approx. 3.74 in / 95 mm panel diameter; covers the existing hole with room for the backplate, battery, and key.
Cable Pass-through	The complete 4-PIN plug passes naturally through the narrowest point. Do not cut wires, remove pins, or pull on wires.
Lock-body Position	The new lock body sits flat; its pin/blade correctly blocks and releases the locking bolt without side load.
Inside-door Space	The control module and wiring do not contact the inner panel, hinges, handle linkage, locking bolts, or other moving parts.

REPLACE THE COMPLETE SYSTEM; DO NOT MIX WITH THE OLD CONTROL BOARD

Remove the original keypad, control board, and electronic lock body together. Do not mix them with the new system. If drilling, enlarging holes, welding, or modifying the locking-bolt mechanism is required, use a qualified safe technician or locksmith.

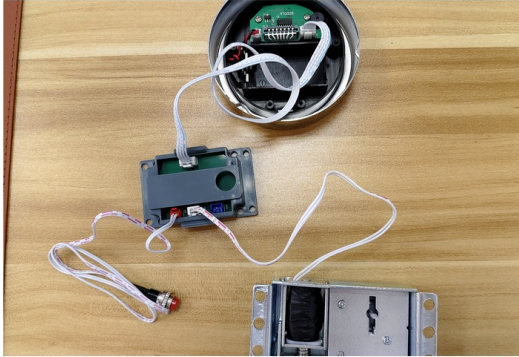
IF THIS PAGE DOES NOT PASS

Replace any missing package parts first. If any mechanical-space check fails, do not wire, drill, or remove the old lock. Contact the seller, a safe technician, or a locksmith.

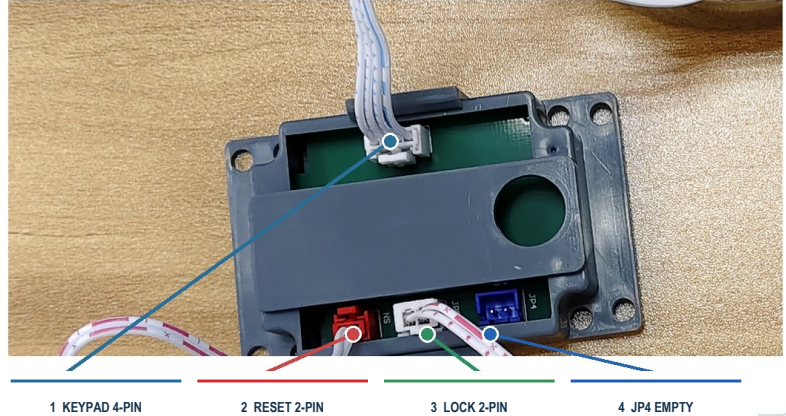
2. WIRING: CONNECT ONLY 3 CABLES; LEAVE BLUE JP4 EMPTY

Do not install the battery yet. Identify each cable by its source, not by guessing port order from left to right.

FULL KIT WIRING



CONTROL-MODULE PORTS



1

White 4-PIN Keypad Cable

Connect to the white 4-PIN port at the top of the control module. Align notch/latch and push the plastic housing straight in until fully seated.

2

Red 2-PIN Reset-button Cable

Connect to the red SW port. Secure the reset button inside the safe door after testing.

3

White 2-PIN Lock-body Cable

Connect to the white 2-PIN port in the middle of the control module.

4

Blue JP4

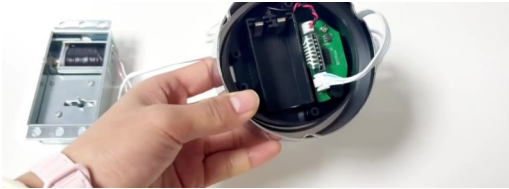
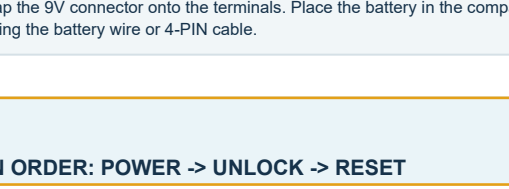
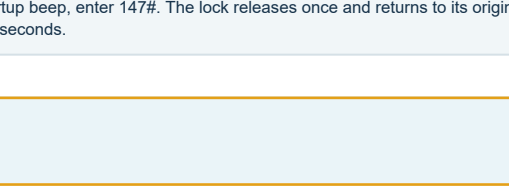
Leave empty. Do not connect any cable. Never force a connection just to fill every port.

COMPLETION CHECK

All 3 plugs are straight and fully seated, and blue JP4 remains empty. No wire is pulled, kinked, or exposing a metal terminal. If a plug will not insert, stop and recheck its source, pin count, and orientation.

2A. OPEN THE KEYPAD, INSTALL THE BATTERY, AND TEST UNLOCKING

Battery not included. Use only one brand-new 9V alkaline battery.

OPEN KEYPAD COVER 1 Press bottom latch 2 Turn cover gently STOP if it resists 	
1. OPEN THE KEYPAD COVER Support the keypad, press the bottom latch, and turn gently. If it resists, stop. Do not twist or pull the wires. 	2. CONFIRM THE 4-PIN PLUG IS FULLY SEATED Align the latch/notch and push only on the plastic plug housing. 
3. CONNECT THE BATTERY AND PLACE IT IN THE COMPARTMENT Align and snap the 9V connector onto the terminals. Place the battery in the compartment without pinching the battery wire or 4-PIN cable. 	4. ENTER 147# AND WAIT FOR THE LOCK TO RESET After one startup beep, enter 147#. The lock releases once and returns to its original position after about 6 seconds. 

VERIFY IN ORDER: POWER -> UNLOCK -> RESET

One beep or indicator response after battery installation = powered. Entering 147# and seeing lock movement = unlocks. Returning after about 6 seconds = normal reset. If any step fails, check the battery and plugs. Stop if another brand-new alkaline battery gives the same result.

DO NOT USE CARBON-ZINC OR RECHARGEABLE 9V BATTERIES. Their voltage or discharge characteristics may cause abnormal operation. Always use one brand-new 9V alkaline battery.

3. BENCH TEST: ENTER 147# AND UNLOCK 10 TIMES

Keep all new parts on the table and the safe door open.



1. Enter 147# the First Time

Press 1, 4, 7, and #. Watch the lock release; when the opening interval ends, confirm that the pin/blade fully resets.



2. Repeat Continuously 10 Times

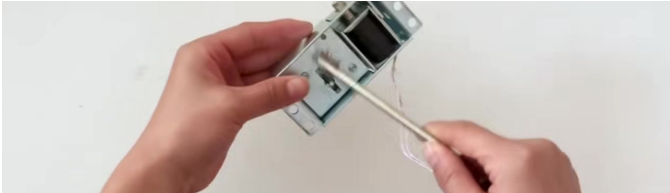
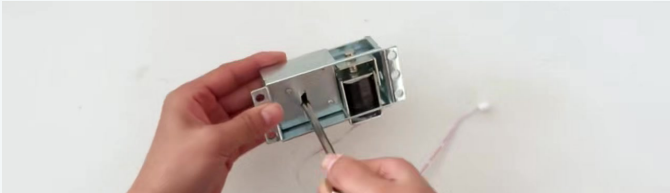
The image demonstrates keypad use only. Each lock release and reset must be complete. Stop installation if even one of the 10 tests fails.

ELECTRONIC TEST PASS STANDARD

All 10 cycles pass: keypad and indicator-light responses are normal; the lock has no binding or delay and fully returns to the locked position every time.

3A. BENCH TEST: TEST BOTH EMERGENCY KEYS

Using the first key, insert fully, turn gently, release, and return it to the starting position. Repeat with the second key.

BLADE SOLENOID LOCK  2 MATCHING EMERGENCY KEYS 			
1. Identify the Matching Keys and Lock Body Use only the two matching keys supplied. This image does not show the wiring method.		2. Insert Fully Insert the key gently until fully seated. Do not turn a partially inserted key.	
			
3. Turn Gently and Observe Release Hold the lock body steady with one hand and turn the key gently through its normal travel with the other. Never use pliers or excessive force.		4. Remove after Reset Let the mechanism return to its original position before removing the key. Then repeat Steps 1-4 with the second key.	

BOTH KEYS MUST PASS

Both keys must insert fully, release the lock easily, and reset smoothly. After installation, test the handle, linkage, and locking bolts again with the safe door open.

3B. AFTER TESTING PASSES, PHOTOGRAPH THE ORIGINAL SETUP BEFORE REMOVAL

Photograph your own safe. The sample photos show only which areas to capture.



1. Photograph the Entire Inside-door Mechanism

Include the original control board, lock body, handle linkage/locking bolts, wiring, and mounting locations so the mechanical relationship can be restored during installation.



2. Photograph the Lock-body-to-bolt Contact Area

With the locking bolts extended, clearly capture how the original lock body blocks the bolt, plus orientation, mounting holes, and spacers.

MUST CAPTURE	THE PHOTO SHOULD ANSWER
Inside-door Overview	Where were the control board, original lock body, linkages, locking bolts, and wire harness located?
Front and Back of Every Plug	Which component does each cable come from, which port does it enter, and which way does the latch face?
Lock-body-to-bolt Close-up	How does the original pin/blade block and release the locking bolt? Where are the screw holes and spacers?
Keypad Backplate and Pass-through Hole	Which edge is the top, where is the latch, and which hole carries the cable? Can the complete new plug pass through naturally?
Screws, Brackets, and Cable Clips	Where does each part belong and which way does it face? Bag and label removed parts to match the photos.

PHOTOS ARE YOUR INSTALLATION MAP

Also record one continuous video from the keypad back, through the pass-through hole and control board, to the lock body. Keep all original parts and screws until the new system passes every open-door test.

4A. OPEN AND SECURE THE SAFE DOOR, THEN DISCONNECT POWER BEFORE REMOVAL

Safe designs vary. This page gives the safest sequence to prevent locking yourself out.

OPEN THE DOOR BEFORE REMOVING OLD PARTS

Confirm the safe door is fully open and secured. Do not disconnect power or remove parts with the door closed. Do not copy another safe's latch, screw, or inner-panel removal method.

A

IF THE ORIGINAL SAFE HAS A MECHANICAL EMERGENCY KEY

First confirm that the original emergency key actually opens the safe. If the old battery can be removed from outside the keypad, disconnect it and use the key; otherwise use the key first. After the door is open and secured, disconnect power and remove the old system.

B

IF THE ORIGINAL SAFE HAS NO MECHANICAL EMERGENCY KEY

Do not disconnect power first. Keep the old system powered and open the safe with the original code. After the door is open and secured, disconnect the old battery and remove the old system.

PHOTOGRAPH AND MEASURE BEFORE REMOVAL

Photograph the original plugs, routing, holes, lock body, and locking-bolt positions. Measure the narrowest cable passage. Do not pull hard on a plug, and never pull the wires instead of the plug housing.

4B. EXPOSE AND RECORD THE INSIDE-DOOR MECHANISM

Support the inner door panel during removal. Sort and retain screws, spacers, cable clips, and brackets.



1. Remove the Inner Door Panel According to Its Actual Design

Follow the removal method for your safe's inner panel. Support the panel before moving it away, and watch for wires behind the panel, latches, and sharp metal edges.



2. Extend the Locking Bolts

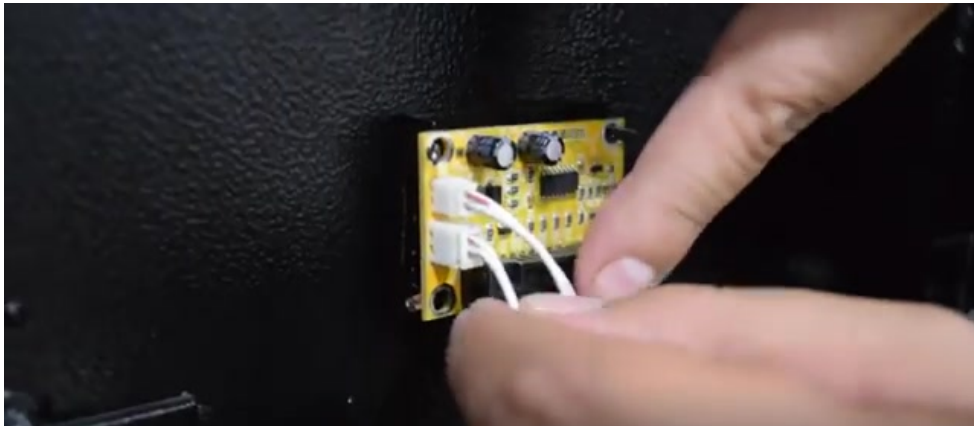
Keep the safe door open and extend the locking bolts so the contact relationship between the original lock body and bolt is clearly visible.

TAKE AT LEAST THREE TYPES OF REFERENCE PHOTOS

Take an inside-door overview, a close-up of the lock body contacting the bolt, and close-ups of every plug and cable route. Compare each photo during installation.

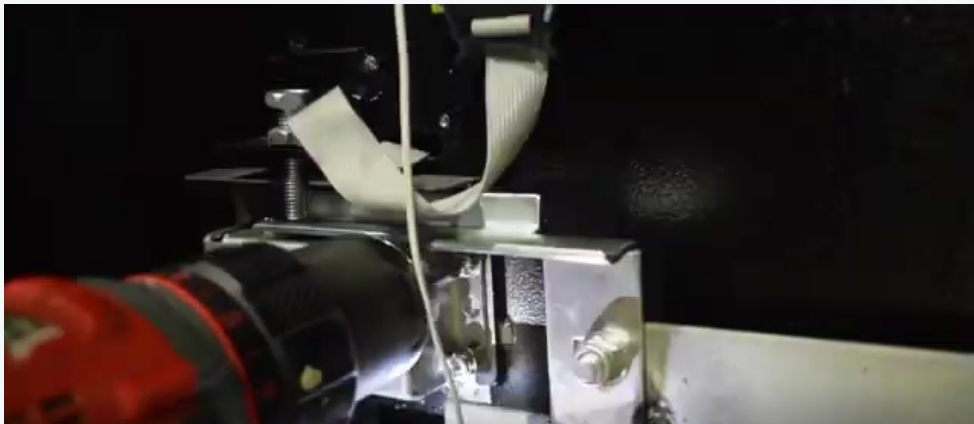
4C. REMOVE THE ORIGINAL ELECTRONIC PARTS AND LOCK BODY

Do not mix the original keypad, control board, or electronic lock body with the new 4-PIN system.



3. Unplug the Original Control Board after Photographing It

Record every original plug and cable route. Hold only the plastic plug housing when unplugging; never pull the wires.



4. Remove the Original Lock Body

Support the lock body while removing screws so the tool or lock body cannot fall inside the door.

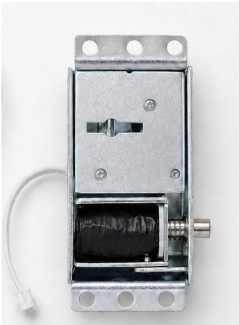
KEEP ALL ORIGINAL PARTS UNTIL FINAL TESTING IS COMPLETE

Bag and label the original keypad, control board, lock body, screws, cable clips, spacers, and brackets separately. Do not discard them until the new system passes every open-door test.

4D. POSITION THE NEW LOCK BODY AND CONNECT THE CONTROL MODULE

Mechanical alignment depends on the safe design. The lock body must block and release the locking bolt without side load.

BLADE SOLENOID LOCK



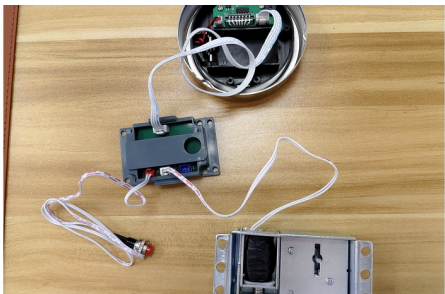
2 MATCHING EMERGENCY KEYS



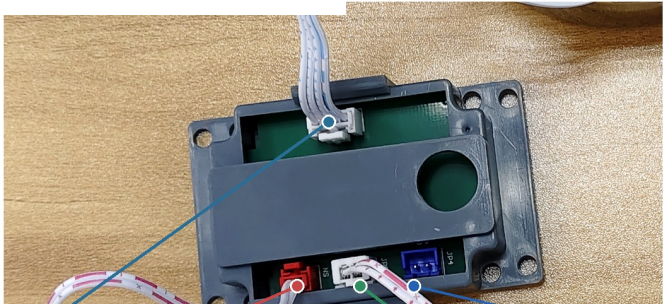
1. TEST-FIT THE NEW LOCK BODY

Shown are the supplied blade solenoid lock body and its two matching keys. Compare the pin/blade with the moving locking bolt. The lock body must sit flat before screws are tightened.

FULL KIT WIRING



CONTROL-MODULE PORTS



- 1 KEYPAD 4-PIN
- 2 RESET 2-PIN
- 3 LOCK 2-PIN
- 4 JP4 EMPTY

2. RECONNECT CABLES BY SOURCE AND PIN COUNT

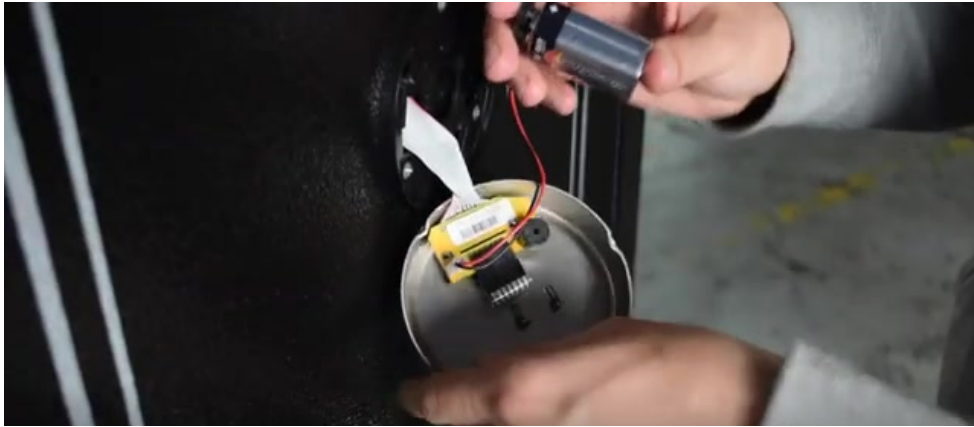
Connect the keypad's white 4-PIN cable to the upper white 4-PIN port; the lock body's white 2-PIN cable to the middle white 2-PIN port; and the reset button's red 2-PIN cable to the red SW port. Leave blue JP4 empty.

CHECK FIRST, THEN APPLY POWER

Every plug must be straight and fully seated with no exposed metal terminal. Keep cables away from locking bolts, linkages, and sharp edges. Safes may use different hole spacing, spacers, and locking-bolt designs. Stop if the lock body cannot sit flat or is under side load.

4E. RECONNECT POWER AND REINSTALL THE KEYPAD

Keep the 4-PIN cable away from metal edges, hinges, linkages, and all moving locking bolts. The photos demonstrate installation only; use the supplied 4-PIN keypad and your actual safe structure as the reference.



3. RECONNECT THE 9V BATTERY

Do not pinch the battery wire or 4-PIN cable at the keypad edge. Confirm normal startup before replacing the cover.



4. REINSTALL THE KEYPAD COVER

Align it with the backplate, then rotate/snap it into place. Confirm that neither the 4-PIN cable nor battery wire is pinched.

CONFIRM THE KEYPAD IS LEVEL AND FLUSH

Before final tightening, recheck backplate orientation, bottom latch, cable exit, and key path. The keypad must sit flat; never use screws to force it flat.

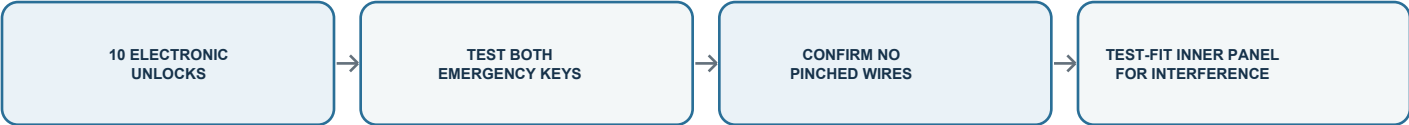
4F. TEST UNLOCKING BEFORE REINSTALLING THE INNER DOOR PANEL

Reinstall the inner panel only after the exposed mechanism passes every test. The image is an installation example; verify complete release and reset of your actual lock body.



5. TEST ELECTRONIC UNLOCKING 10 CONSECUTIVE TIMES

Enter a valid code and operate the handle during the release interval. Confirm that the lock body returns fully after every cycle.



ANY INTERMITTENT PROBLEM IS A FAILURE

Random beeping, weak pull, delayed reset, a code that works only sometimes, or a binding handle means the safe door must remain open. Find and correct the cause, then repeat all tests before reinstalling the inner door panel.

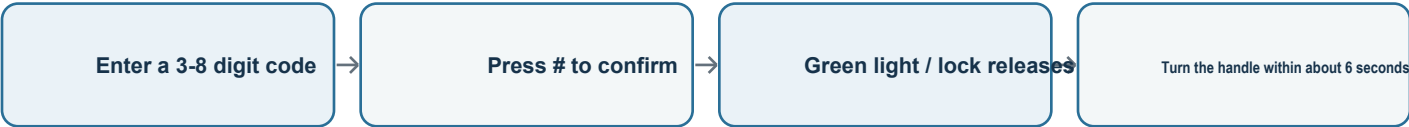
5. DAILY AND EMERGENCY UNLOCKING

After installation, use this page for daily operation. See Section 6 for code setup.

KNOW THE THREE CODE GROUPS

The system has 1 admin code and 2 user codes, each 3-8 digits long. The factory unlock/admin code is 147#. Before adding, deleting, or changing any other code setting, change the admin code first. Do not set the new admin code to 147; otherwise the system treats the admin code as unchanged.

DAILY CODE UNLOCKING: ONLY 4 STEPS



When the opening interval ends, the lock returns to the locked state. If the handle will not turn freely, remove pressure from it, wait for the lock to reset, and re-enter the code. Never force the handle.

INDICATOR-LIGHT GUIDE

COLOR	USUALLY MEANS	WHAT TO DO
Green	Code accepted, release active, or setup/reset succeeded.	Operate the safe handle during the release interval.
Red	Programming prompt, incorrect entry, reset process, or low-battery warning, depending on the current operation.	Follow the current step. Replace the battery if a red light appears after unlocking.
Yellow	Programming mode active or waiting for input.	Continue the sequence without pausing too long between steps.

MECHANICAL EMERGENCY UNLOCKING

- Use a matching mechanical key if the battery is depleted, the code is forgotten, or the electronic system does not respond.
- Insert the key fully and turn it gently through its normal travel. If needed, remove handle pressure from the lock body at the same time.
- Key direction and handle timing vary by safe. Test both keys with the door open. Never force a key.
- Store the two keys separately outside the safe. Never leave the only emergency key inside.

INCORRECT-CODE LOCKOUT

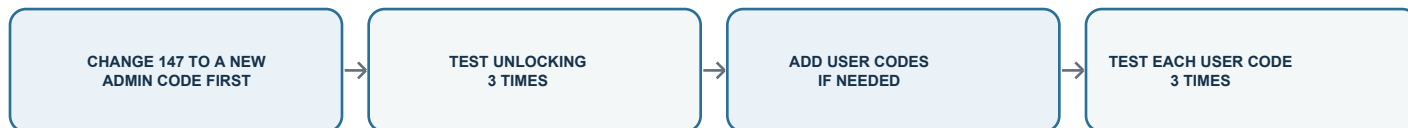
After three consecutive incorrect entries, the keypad may alarm and lock temporarily for about 20 seconds. Wait until sound and lights stop before trying again. Repeated errors may extend the wait.

6. CHANGE THE ADMIN CODE FIRST, THEN ADD USER CODES

All three codes use 3-8 digits. 147# is the factory unlock/admin code. 000000# only enters programming; it is not an unlock code.

KEEP THE SAFE DOOR OPEN WHILE PROGRAMMING

Setup succeeds when the lights turn off and the normal confirmation tone sounds. If a step fails, wait for standby, then restart from Step 1.



TASK	KEY SEQUENCE	RESULT
Change Admin Code for the First Time	1. 000000# (yellow light on) 2. 147# (red light on) 3. New admin code + # 4. Enter the new admin code + # again	Saved after yellow and red lights turn off. The new admin code cannot be 147.
Add User Code 1	1. 000000# (yellow light on) 2. New admin code + # (red light on) 3. 11*# 4. New user code + # 5. Enter the new user code + # again	User Code 1 is saved after the yellow and red lights turn off.
Add User Code 2	1. 000000# (yellow light on) 2. New admin code + # (red light on) 3. 22*# 4. New user code + # 5. Enter the new user code + # again	User Code 2 is saved after the yellow and red lights turn off.

IMPORTANT SETUP RULES

- Before any other code setup, change the admin code from 147 to a new code.
- Do not use 147 as the new admin code. Admin and user codes must differ. Avoid easy combinations such as 1234, repeated digits, birthdays, or addresses.
- To replace an already changed admin code, restore factory settings first, then repeat the first-time change procedure. Factory reset deletes user settings.
- After every change, test the new code at least 3 times with the door open.

DO NOT WRITE CODES IN THIS MANUAL

If a written backup is needed, store it securely away from the safe.

7. AS NEEDED: DELETE CODES, CONTROL SOUND, OR RESTORE FACTORY SETTINGS

This page is not needed for daily unlocking. Use it only to delete user codes, turn keypad tones on or off, or restore factory settings.

TASK	KEY SEQUENCE	DESCRIPTION
Delete User Code 1	000000# (yellow light on) -> New admin code + # (red light on) ->01*#	Deletes only User Code 1.
Delete User Code 2	000000# (yellow light on) -> New admin code + # (red light on) ->02*#	Deletes only User Code 2.
Delete All User Codes	000000# (yellow light on) -> New admin code + # (red light on) ->00*#	Deletes both user codes; the admin code remains valid.
Turn Buzzer Off	In standby: *633	After the buzzer is off, keypad presses no longer produce key tones; indicator lights still respond.
Turn Buzzer On	In standby: *66	Two short beeps indicate that the buzzer has been turned back on.

RESTORE FACTORY SETTINGS

A

KEEP THE SAFE DOOR OPEN

Find the reset/program button installed inside the door.

B

Hold the Button; Release Only after 5 Green Flashes

While held, the red light starts flashing and a long tone sounds for about 3 seconds. Keep holding through the red flashes and the 5 green flashes. Release only after the fifth green flash. The factory admin code is restored to 147#.

SCRAMBLE / HIDDEN ENTRY

To prevent others from seeing the code, add other digits before and after the correct 3-8 digit code, then press #. The correct code must appear continuously in the full entry; maximum total length is 20 digits. For example, if the correct code is 2580, 77258091# will also unlock.

LOW-BATTERY WARNING

If a red light appears after successful unlocking, movement weakens, or operation becomes intermittent, immediately install a brand-new 9V alkaline battery and retest with the door open.

7A. ILLUSTRATED FACTORY RESET

A reset restores factory settings. Keep the safe open, then change the admin code again and add user codes if needed.

1 START: HOLD RESET BUTTON



1. FIRST IMAGE: BEGIN HOLDING THE RESET BUTTON

The reset/program button is installed inside the door. Hold it continuously while watching the three indicator lights on the left side of the keypad.

2 CONFIRM RED LIGHT - KEEP HOLDING

RED LIGHT = RESETTING



2. SECOND IMAGE: RED LIGHT ON; KEEP HOLDING

Keep holding through the red flashes and the following 5 green flashes. Release only after the fifth green flash. Do not close the door, disconnect power, or try to unlock before completion.

RELEASE AFTER
5 GREEN FLASHES

FACTORY CODE
RETURNS TO 147#

CHANGE THE
ADMIN CODE

ADD AND TEST USER
CODES IF NEEDED

AFTER THE RESET

With the door open, test 147# first, then immediately change the admin code. If user codes are needed, add them again and test each one 3 times. If user codes existed before, confirm the old codes no longer work.

8. FINAL INSPECTION BEFORE CLOSING: CHECK EVERY BOX

If any box cannot be checked, keep the safe door open and return to the corresponding step for troubleshooting.

PASS	TEST ITEM	PASS CONDITION
☐	Cables and Plugs	All plugs fully seated; ribbon cable not twisted, pinched, or damaged and does not touch moving parts.
☐	Admin Code x10	10 consecutive releases succeed; handle and locking bolts move freely; lock body fully resets every time.
☐	User Code 1 x3	If set, reliably unlocks every time; other unprogrammed codes are rejected.
☐	User Code 2 x3	If set, reliably unlocks every time.
☐	Emergency Key 1	Turns easily and completes mechanical release without force.
☐	Emergency Key 2	Second key also passes; remove both keys afterward and store them outside the safe.
☐	Incorrect Code	Incorrect code is rejected; normal operation resumes after temporary lockout ends.
☐	Locking-bolt Clearance	Full handle travel does not pull, rub, or strike the lock body, control module, or wiring.
☐	Inner-panel Clearance	No component or wire is pinched when the inner door panel is temporarily replaced.
☐	Final Test after Reinstalling the Inner Panel	After the panel is secured, unlock once more with no rubbing, pinched wire, or delayed reset.

CLOSE THE DOOR ONLY AFTER EVERYTHING PASSES

Secure the wiring and reinstall the inner panel. With the door still open, complete one more code unlock before closing it. During the first week, keep one emergency key readily accessible outside the safe.

9. TROUBLESHOOTING

CHECK BATTERY FIRST, THEN PLUGS, THEN MECHANICAL ALIGNMENT

Keep the safe door open. After each correction, repeat electronic, emergency-key, and automatic-reset tests.

NO LIGHT OR SOUND

CAUSE: Dead/reversed battery, loose connector, or keypad plug not fully seated.

ACTION: Install a brand-new 9V alkaline battery. Confirm polarity, seat every plug, and inspect the 4-PIN cable for pinching.

EMERGENCY KEY WILL NOT TURN

CAUSE: Wrong direction, handle/bolt loading, unmatched key, or lock-body misalignment.

ACTION: Remove handle pressure and fully insert a matching key. Turn gently; never force it. Contact a locksmith if it remains tight.

CORRECT CODE, BUT HANDLE WILL NOT MOVE

CAUSE: Release interval expired, handle preloaded, or lock body/locking bolt misaligned.

ACTION: Remove handle pressure, re-enter the code, and operate within about 6 seconds. Check lock-body-to-bolt alignment.

WORKS BEFORE INSTALLATION, FAILS AFTER FASTENING

CAUSE: Cable pinched, inner panel pressing parts, or lock-body/bolt misalignment.

ACTION: Keep the door open. Remove the inner panel, restore cable clearance, and realign the mechanism.

LOCK SOUNDS, BUT DOES NOT RELEASE

CAUSE: Low power, solenoid pin under side load, wrong mounting height, or an obstruction.

ACTION: Replace the battery. Loosen and realign the lock body; confirm the pin moves freely. Never oil electronic parts.

PLUG WILL NOT PASS THROUGH THE DOOR HOLE

CAUSE: The complete plug is larger than the pass-through opening.

ACTION: Stop. Do not pull, cut, splice, depin, or force the cable. Measure the opening and contact a qualified safe technician.

KEYPAD ALARMS CONTINUOUSLY

CAUSE: Three consecutive incorrect entries triggered temporary lockout.

ACTION: Wait until the sound and lights stop, then enter one verified correct code.

KEYPAD IS CROOKED

CAUSE: Backplate direction, cable exit, screw holes, or key path is pressing the housing.

ACTION: Remove the keypad. Mark the top of the backplate and verify cable and key clearance before tightening.

NEW USER CODE WILL NOT SAVE

CAUSE: Admin code is still 147, the wrong slot command was used, or the two new-code entries differ.

ACTION: Change the admin code first. Restart the sequence and enter the same new code + # twice.

RANDOM BEEPING / PHANTOM KEY PRESSES

CAUSE: Weak battery, moisture, pinched ribbon cable, contamination, or a keypad-membrane fault.

ACTION: Replace the battery and check for dryness and cable pinching. If it continues, disconnect power and stop using the system.

RED LIGHT AFTER UNLOCKING / RAPID BATTERY DRAIN

CAUSE: Low power, unsuitable battery, poor contact, pinched wiring, or abnormal keypad/PCB current draw.

ACTION: Install a verified new 9V alkaline battery and test with the door open. If the issue returns, disconnect power and stop use.

SOME KEYS FAIL / CORRECT SEQUENCE WILL NOT SAVE

CAUSE: Ribbon cable pressure, moisture, mixed/incompatible parts, or a keypad/PCB fault.

ACTION: Confirm the complete 4-PIN system and the printed * and # sequence. If failure continues, stop and contact the seller or a technician.

DO NOT CLOSE THE SAFE DOOR IF ANY TEST FAILS

Recheck the battery, plugs, wiring, keypad cable, and lock-body alignment. If the complete system still cannot pass every open-door test, stop installation and have a qualified safe technician inspect it.

10. FUTURE CARE AND SAFETY

Keep this manual, but do not write an unlock code in it. Store the two emergency keys separately outside the safe.

WARNING: Use only one brand-new 9V alkaline battery. Do not use carbon-zinc or rechargeable 9V batteries; their voltage or discharge characteristics may cause abnormal lock operation.

BATTERY CARE	MECHANICAL CARE AND CLEANING
Replace the 9V alkaline battery at the first low-battery warning. Even without a warning, inspect it at least yearly based on use and battery condition. Remove a leaking battery immediately. Disconnect power before cleaning contacts.	Keep the keypad dry. Wipe with a slightly damp soft cloth; do not spray cleaner on the keypad. Do not oil the control board or solenoid coil. Keep wiring away from hinges and locking bolts.
KEY SAFETY	SAFE SAFETY
Keys may be numbered, but do not identify the safe location. Store the two keys separately outside the safe and test them periodically with the door open.	Replacing the electronic lock does not improve or guarantee the safe's original fire, theft, or firearm-storage rating. Follow the safe manufacturer's requirements and local storage rules. Confirm compatibility with the safe manufacturer when needed, and prevent unauthorized people from accessing codes and keys.

ABOUT THE INSTALLATION VIDEOS

VIDEOS SHOW OPERATING PRINCIPLES, NOT EVERY SAFE DESIGN

One video shows the blade solenoid lock body operating before installation. Another shows an example installed in one safe. Door panels, holes, handles, linkages, relockers, and locking bolts vary by safe. Use the videos to understand the action and general replacement sequence; final fit must follow your safe's dimensions and mechanical design.

INSTALLATION RECORDS TO KEEP

- Electronic or printed copy of this manual.
- Photos of the original lock system before removal.
- Photo of the new lock body relative to the safe's locking bolt.
- Photos of every plug, the 4-PIN cable, and the pass-through hole.
- Photos of final lock-body position and secured wiring.

FINAL REMINDER

Keep the safe door open until installation, code setup, code testing, emergency-key testing, and locking-bolt testing are all complete. Store the two emergency keys separately outside the safe and test them periodically with the door open.