Door won't open

Symptom	Possible Cause	Solution
Key light won`t flash	Battery dead	Replace battery
	Key is defective	Replace key
Key light flashes slow and bright 5 times	Different key code in vendor (Wrong Key)	Use lock reader tool to determine correct key for vendor
Key light flashes slow and bright 3 times	Key is expired	Refresh key
Key light flashes slow and bright 10 times	Door is unlocked	Pull door open as it may be stuck
Key flickers bright and dim erratically	Flicker from florescent bulbs, possible cold weather issue	Unplug vendor and attempt to open before lights turn ON or install button decal or use battery backup to unlock
Key light flashes fast only	No power to lock	Plug battery pack into the connector and press button and try to open with key. Once in vendor, troubleshoot wiring or vendor control board.
	Vendor not plugged in	Plug in vendor and retry
	Lock CPU failed	Change CPU
Key light flashes dim or is not flashing	Cold key	Take key to warm area and retry
With backup battery plugged in, key light is ON but the lock doesn`t open. Motor does not run.	Batteries are dead in battery pack	Replace alkaline batteries and try again
	Failed lock CPU	Change CPU
Key light is on full and motor is heard running	Motor gear box failure	Use emergency opening process and replace the lock

Door won't lock

Symptom	Possible Cause	Solution
Bayonet does not turn when the receptacle plate is pushed in	Defective receptacle switch	Test by jumping switch or bypass wire harness
	Defective position switch in lock mechanism	Use lock reader to determine the lock position switch condition and replace lock if required
Receptacle switch works but when door is pushed closed it will not start locking	Receptacle switch housing is not fastened properly	Check the two pins that hold the switch housing in place and repair or replace if necessary
	Adjuster screw on lock is adjusted too tight	Readjust screw to extend bayonet
	Vendor is not level causing bayonet to miss the receptacle	Level door/vendor
	Inner door mis-aligned causing bayonet to stick in	Realign inner door

Display issues

Symptom	Possible Cause	Solution
Display shows "Locked" when not locked and vice versa	Voltage spike to the vending controller	Unplug vendor to reset display

Program light issue

Symptom	Possible Cause	Solution
Program light does not come on after program button is pressed	The "Program" button was not pressed long enough	Hold button until light is on
	Failed receptacle switch	Use lock reader to determine switch condition and replace switch if required
	Lock is in the ``locked" position	Unlock the lock before programming
	Failed lock CPU program button	Replace lock CPU
	No power to lock	Replace power harness or control board
Program light does not flash after completing programming procedure (key attempting to communicate with lock while program light is on)	The battery in the key might be low	Replace as required, use alternative to verify
	Key placed in the wrong position	Retry
	Failed lock box CPU	Replace lock CPU
	Defective key	Replace key

This manual is also available for download on our website at www.triteqlock.com/**manual**

Tech Manual

TriTeq
Lock and Security
Securing Your Success

Auto Pull-In Lock System

How it Works

Locking Method

Vertical Bayonet Position
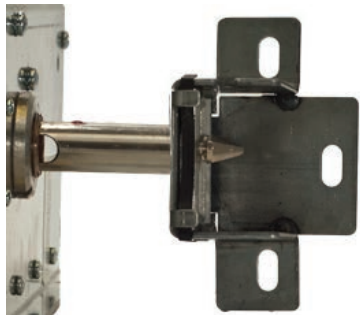

Reach adjuster used to adjust strength of seal
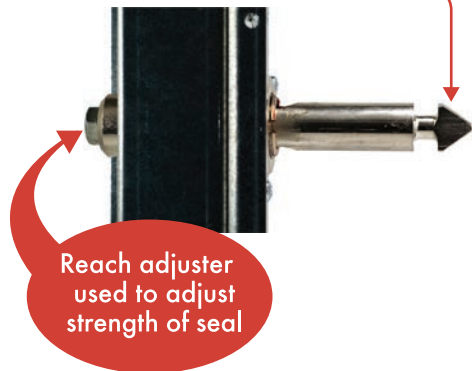
Vertical Receptacle

Receptacle Switch
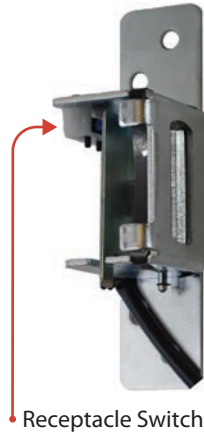
Bayonet Locking

Locking Process

- First: Bayonet rotates 90 degrees to flat horizontal position
- Second: Bayonet pulls in 5/8"

Unlocking Process

- First: Bayonet extends 5/8"
- Second: Bayonet rotates 90 degrees to vertical position

Bayonet Unlocking

Lock Reader Tool

Example: Assume vendor has AAS5001 route key (black key) & AAS0002 zone key (blue key)

Info in lock = AAS5001		
Press 1	Route Key Unit Code	O. A A
Press 2	Route Key Model & Number	S. 500 I

Info in lock = AAS0002		
Press 3	Zone Key Unit Code	OA. A
Press 4	Zone Key Model & Number	S0.002

Info in lock = 98765432		
Press 5	Lock ID Number Higher	98.76H
Press 6	Lock ID Number Lower	54.32L

Lock Diagnostics		
Press 7		

Lock Reader
P/N LR717

Press button. Each press advances diagnostics as described on the adjacent table

Lock Reader Normal States and Switches

Door Status	Lock Status	Receptacle Switch : Motor Switches
Open	Unlocked	occ.U
Closed	Unlocked	ccc.U
Closed	Locked	cco.L
Open	Locked	oco.L
Lock is defective or has no power		– – – –

All other states depict error conditions and require repairs. Please contact TriTeq technical support department at the following phone numbers:
1(847) 640-7002
1(888) 603-5625

This is a representation of the alphabet used by the Lock Reader:

A	B	C	D	E	F	G	H	I	J	K	L	M
A	b	C	d	E	F	9	h	I	J	t	L	nn

N	O	P	Q	R	S	T	U	V	W	X
n	o	P	O-	r	S	T	U	u	uu	>=

Y	Z	1	2	3	4	5	6	7	8	9	0
y	2	I	2	3	4	5	6	7	8	9	0

Testing the Lock

1 Push plate to inside of the vendor — or press on the bayonet if you have a "Retro v2" lock

2 Hold for 4 seconds

3 Wait for bayonet to turn flat side up, the shaft to pull in and the motor to stop

4 Use key to unlock

Once unlocked, the shaft will be extended and the bayonet will turn flat side vertical and the motor will stop

Light

Press and Release

Key Light Diagnostics: AutoTraq & Standard Keys Only

Slow bright flashing initially	Fast flashing red or green (normal action) – key looking for lock	Slow bright flashing (diagnostic signals)	Diagnosis	Recommended action
✹ ✹ (2 flashes)	✶ ✶ ✶ ✶ ✶ ✶ ✶ (green)		Low battery	Change battery
	✶ ✶ ✶ ✶ ✶ ✶ ✶ (red) / ✶ ✶ ✶ ✶ ✶ ✶ ✶ (green)	None	If the door doesn't open, the lock is not powered	Use battery back-up*. Check wiring to lock or replace vendor control
	✶ ✶ ✶ ✶ ✶ ✶ (red)	✹✹✹ (3 flashes)	Key disabled	Refresh key at cradle
	✶ ✶ ✶ ✶ ✶ ✶ (red)	✹✹✹✹✹ (5 flashes)	Wrong key	Use lock reader to determine correct key then access with the correct key
	✶ ✶ ✶ ✶ ✶ ✶ (red)	✹✹✹✹✹✹✹✹✹✹ (10 flashes)	Lock is unlocked	Pull the door. If door still will not open, replace the lock

Check keys everyday prior to starting work.

*(see page 6)

Locking Vendor Door

Push door closed and HOLD for 4 to 6 seconds

- Confirm bayonet is vertical and area is cleared

- Push the door in and hold for 4 to 6 seconds

- Listen for motor and if available watch vendor display for "door closing" or "door locked" message

- Repeat if door was not properly locked

Unlocking Door

- Hold Key 1 to 3 inches from receiver

- Press center button on key

- Listen for motor and if available watch vendor display for "door opening" or "door unlocked" message

- Solid Bright Light = correct key / normal state *(see key light diagnostics for other sequences)*

Pull firmly on the door to open

PRESS

Point Key

Using Battery Backup

Point key 1-3" from receiver

Round 1/4" connector

To unlock:
• Plug battery pack into the connector found in the product chute
• Press & hold the red button on the battery pack while accessing with key until door is fully unlatched
• Disconnect battery pack and restow the connector

Battery Pack
P/N BP717
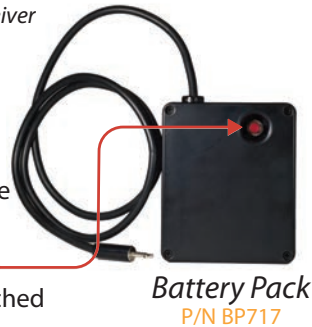
To lock:
• Plug in battery pack
• Press & hold the red button on the battery pack
• Push & hold the door in while holding the red button until the door is fully closed
• Disconnect battery pack and restow the connector

Note: If this procedure does not work properly make certain there are new alkaline batteries in the battery pack

Key(s) Setup and Operation

Receiver

Step ❶
Access with the P1 factory key

Lock CPU
P/N CPU717J

Step ❷
Use a pen or thin object to depress and hold the program button on the lock CPU until yellow light is on.

Program button

Step ❸
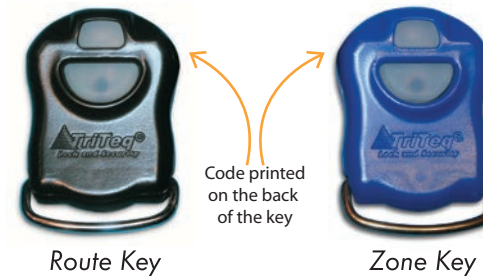Point the key at the vendor 1-3" from receiver and press the center button on key.

Key light stays on for 5 secs.

The lock CPU light will flash 20 times indicating the key code was accepted

The vendor is now fully operational with the new key code

Code printed on the back of the key

Each lock will accept one route code and one zone code. Multiple keys with same code may be distributed

Route Key   *Zone Key*