

# USER HANDBOOK



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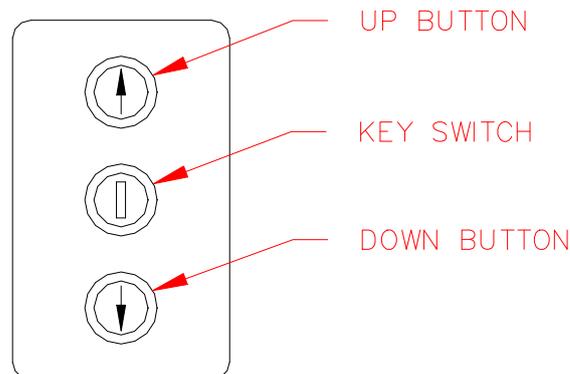
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## OPERATION OF THE ELEVEEX

### 1.0 OPERATING THE ELEVEEX

Insert the key and turn it to the operating position on any call/send control (FIGURE 1.0). The key is in the operating position when it cannot be pulled out. **Always take the key out when the unit is not in operation.** Apply constant pressure on the appropriate button to call the platform to the landing. The Elevex will not move if one of the doors or one of the gates is open.

FIGURE 1.0 (The call station on your unit may differ from the one shown)



### 2.0 OPENING THE DOOR OR THE GATES (OPTIONAL EQUIPMENT)

#### 2.1 Mechanical locks

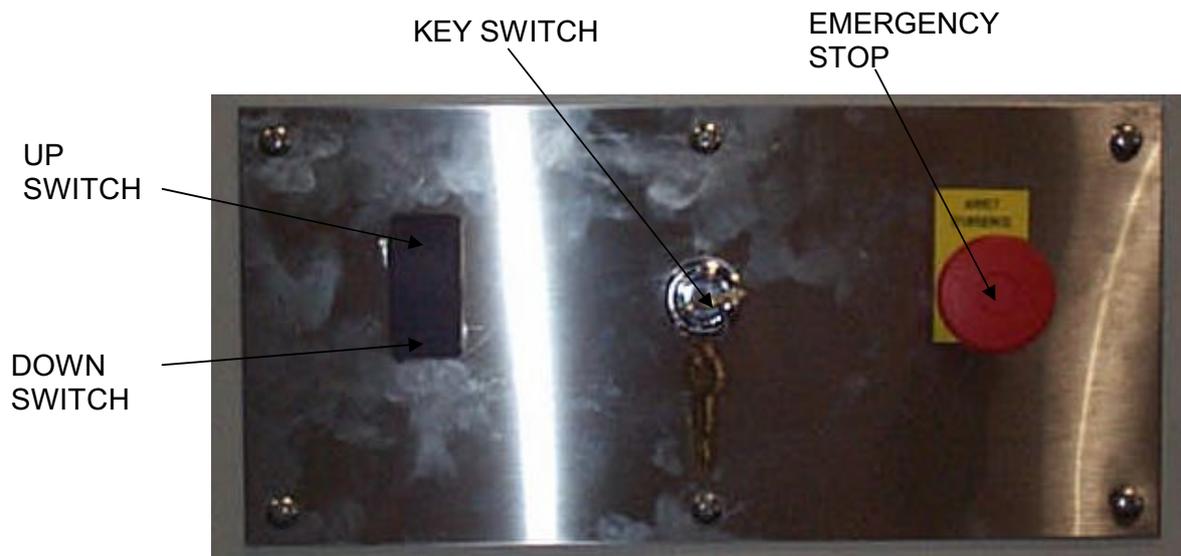
The door or the gate will unlock automatically when the platform reaches the landing.

#### 2.2 Electric strikes

The door or the gate will unlock automatically for a few seconds when the platform reaches the landing. If you need to reopen the door after the delay is over, turn the key on and press the call button once again. This will unlock the door or the gate once again.

### 3.0 CAB CONTROLS

FIGURE 2.0



- Key switch : Needs to be on to activate the operating buttons.
- Up switch : Will move the platform in the up direction.
- Down switch : Will move the platform in the down direction.
- Emergency stop : Will stop the platform instantly. Overrides the call stations.

### 4.0 SAFETY DEVICES

- Underpan sensor : Located under the platform, it will stop it if something is hit during the down travel.
- Door contacts : Will prevent the platform from moving with any of the doors or the gate opened.

## 5.0 **EMERGENCY DOOR OPENING**

### 5.1 GAL LOCK

The door or the gate can be opened manually using a special key into the round pin on the front of the lock (see figure 3.0) **This key is for emergency use only. It should always be kept in a safe place and used by trained personnel only.**

### 5.2 DOOR STRIKE ON DOORS

The door or the gate can be opened manually using a ¼ inch allen key through the front hole in the door (see figure 4.0) **This key is for emergency use only. It should always be kept in a safe place and used by trained personnel only.**

### 5.3 DOOR STRIKE ON DOORS PROVIDED BY OTHERS

See your dealer for appropriate instructions.

FIGURE 3.0

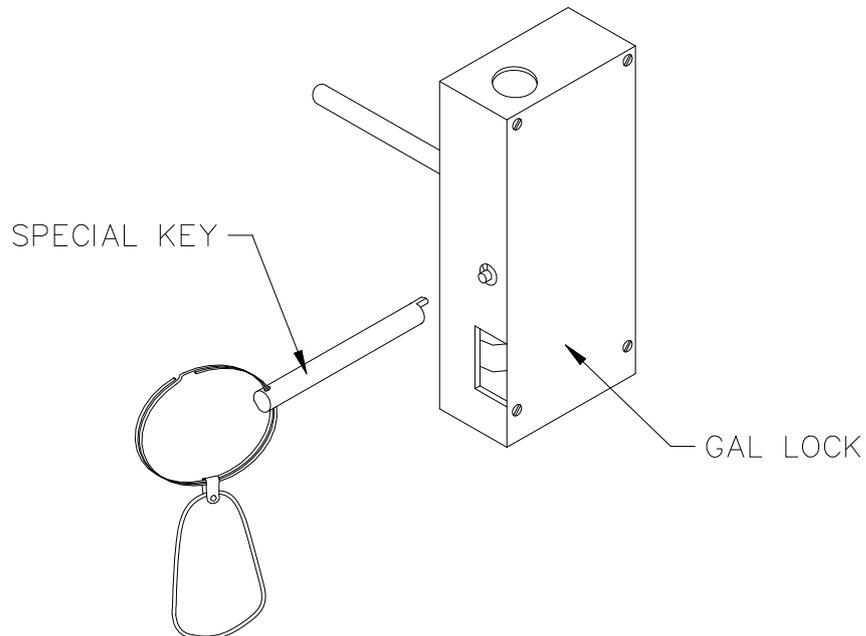
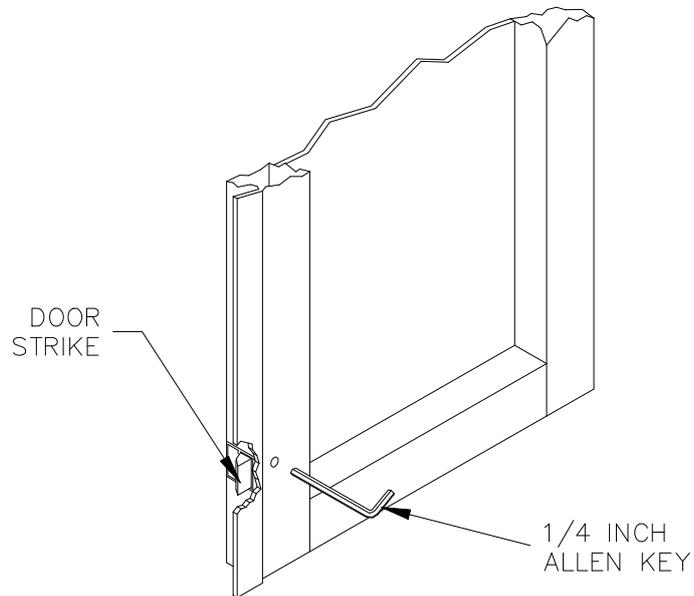


FIGURE 4.0



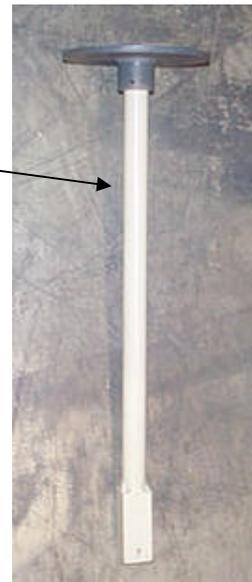
**6.0 MANUAL LOWERING DEVICE**

6.1 In case of emergency situation, it is possible to lower the platform manually. Take off the cap and use the hand crank (see figure 5.0). Turn it to move the unit to the desired position to reach the landing. Always take the hand crank out when the unit is in operation.

FIGURE 5.0



FIGURE 6.0



HAND  
CRANK

## 7.0 MAINTENANCE

EVERY TWO MONTHS :

- Verify general operation of the ELEVEX.
- Verify the operation of the safety devices :
  - Underpan safety switches
  - Door contact
  - Door lock
  - Emergency stop

The lift should never run when those devices are activated or when the door or the gate is not closed.

These verifications can be made by the owner.

EVERY SIX MONTHS:

Verify

- General operation of the lift.
  - Operation of the underpan sensor
  - Operation of the emergency stop
  - Operation of the door and gate lock contacts. The lift should not run unless the door or gate is closed and locked.
- 
- Verify safety components
    - Operation and alignment of the up final limit switch (activate by hand).
    - Operation of the backup nut switch
    - Operation of the load switch. Lower the platform to the ground using the hand crank in order to release the load on the main nut. The lift should not run up until you restore the load on the main nut by moving the platform up with the hand crank.
    - Up relays : verify that any of the two up relays are not stuck in the activated position. Use a multimeter to verify that every N.O. contact is open when the relays are not activated.
  
  - Verify every fastening device for looseness

- Verify general components
  - Rollers
  - Battery fluid level (optional system)
  
- Lubricate
  - Acme screw.
  - Upper bearing.

Recommended lubricant : High quality wheel bearing grease.

## 8.0 **TROUBLESHOOTING**

- Platform goes up but does not come down :
  - Verify the underpan sensor. Pull down on it to ensure the pan is not stuck in the activated position.
- Platform goes down but does not go up :
  - Verify the charge and fluid level of the battery (battery operation only).
- Platform does not move :
  - Verify if the key is on.
  - Verify if the doors are closed.
  - Verify if the emergency stop is pushed in. It should be pulled out.
  - If the platform is at the top landing, verify the underpan sensor as explained above.
  - Verify the power supply (breaker, cord, etc.)