



ROCKY MOUNTAIN ELEVATOR PRODUCTS

Solid as the Rockies.

420 29 Road • Grand Junction, CO 81504 • Phone: 970.242.2544 • Fax: 970.241.7377

www.RockyMountainElevatorProducts.com

SMART LOCK

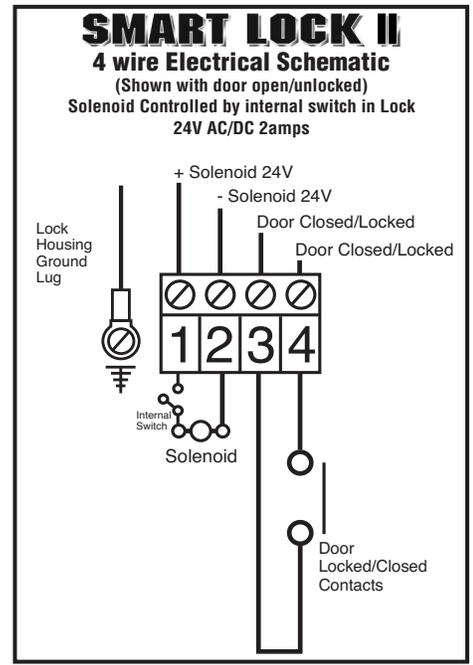
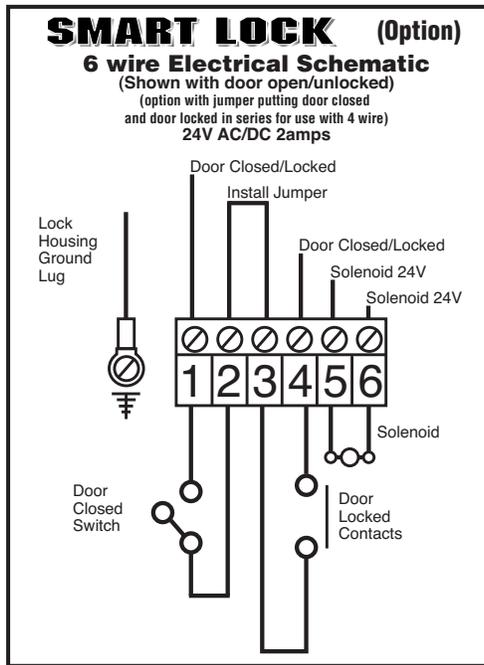
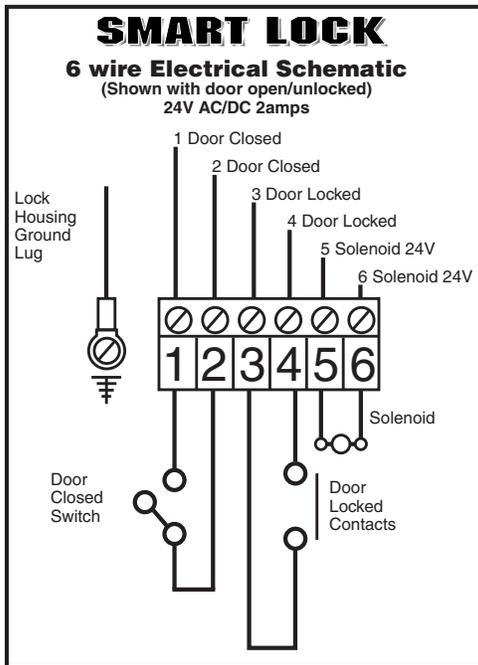
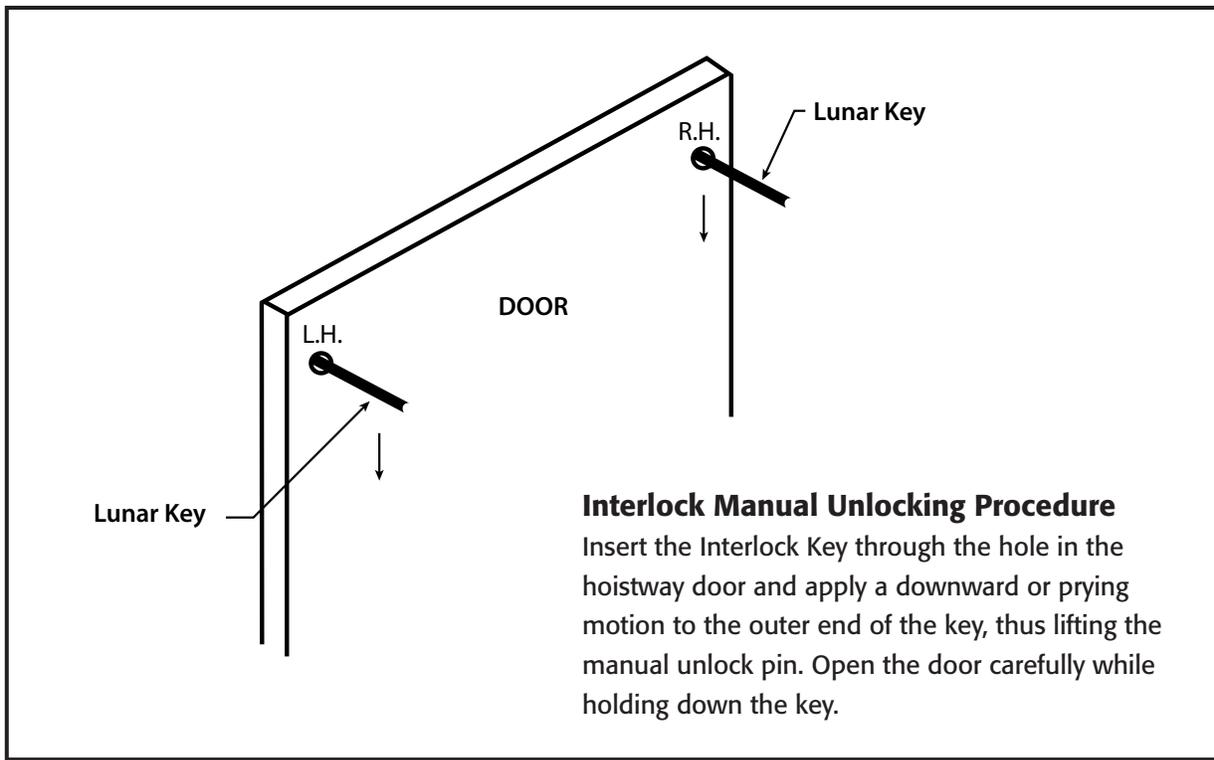
INSTALLATION GUIDE

- I. We recommend you purchase the installation kit from Rocky Mountain Elevator Products. The kit comes with a jig and special drill bits designed to produce a perfectly aligned installation every time.
- II. When using the lock as a jig, remember to insert the door keeper to get the proper spacing between the lock and door.
- III. Remove the lock's cover by taking the two screws out. The cover should pop off. (To change the handing take out all four screws and flip the cover to the correct hand. Then reinstall the two screws that do not hold the cover).
- IV. When installing the lock on a four wire system install a jump wire between terminals 2 and 3 and use terminals 1 and 4 for door closed/locked safety current.
- V. We recommend a fire rated, 8 conductor, 18 AWG. stranded wire, using seven wires and keeping one for spare.
9. Place the plastic ring on the inside and snap the white lunar key plug on the outside of the door. The white plastic plug will be flush with the door and can be painted or stained. On finished doors use a brown colored magic marker to blend in the plug.
10. Lock wires can be pulled through hole in back of lock or through the top by drilling through plastic cap. Be sure and remove cap before drilling.
11. Mount the lock using the slotted holes with two #8 x 1" screws.
12. Mount the door keeper with one #8 x 1" screw.
13. Close and open the door (by manually unlocking), making sure the keeper clears the bottom and sides of the lock housing and that the keeper smoothly lifts the silver slider up when closing the door and drops into the throat portion of the door keeper. The face of the keeper should be slightly touching the front of the lock and parallel to the lock. The bottom of the keeper and the lock should be flush with each other.

BEFORE YOU START

MAKE SURE ALL POWER HAS BEEN DISCONNECTED.

1. The entire door's hardware should have already been installed so that the latching hardware will hold the door in its final position.
 2. Pick the appropriate door swing; RH for Right Hand, LH for Left Hand door.
 3. Slide the jig/lock up against the top of the jamb and over until it touches the closed and latched door.
 - A. For doors over 6' 8" we recommend the lock be installed at 80" so that it can be reached for manual unlocking from out side the hoistway with out needing a ladder.
 4. Mark and drill only the slotted holes on the lock with a 1/8" bit.
 5. Mark and drill the slotted hole in the door keeper with a 1/8" bit.
 - A. For solid wood doors drill about 1" and use the #8 x 1" screw.
 - B. For hollow doors drill all the way through the door and use the 1 1/2" #8 machine screw with the threaded post.
 6. Mark and drill the E-Key hole using the long 1/8" bit. Drill all the way through the door.
 7. For a wood door, use the 3/4" forstner bit, center the bit in the predrilled 1/8" E-key hole and drill a little over half way through the door. Then drill the remainder of the hole from the other side of the door. This is done in order to prevent splintering the door.
 8. For a steel door, use a step bit and stop at 3/4" on both sides of the door.
 14. The locking slider should drop far enough to keep the door from opening (1/4" min.) and the slider's contacts should be touching the keepers contact plate evenly.
 15. Once all adjustments have been made, drill and install the final screws in the un-slotted holes. This will keep the adjustment from moving. At this time a ground terminal is provided and installed with the #8 x 1" screw, grounding the lock housing.
 16. Once the final screws have been installed, test to make sure that everything operates smoothly by opening and closing the door.
 17. Pull the field wires out enough to strip 1/4" of sheathing and wire the male plug (provided). See enclosed wiring diagram.
 18. Alternate wiring method: some may want to snap the plug into the board, and then install the wires. Make sure the power is turned off.
 19. Gently plug the male plug into the female plug on the locks interface board making sure the wires are neatly tucked into the lock.
- VII. Do's and Don'ts:
- a. Never work/adjust lock with power on.
 - b. Never file on lock.
 - c. Never file on keeper.
 - d. Never pinch wires.
 - e. Never mount lock with less than 4 screws.
 - f. Never mount lock on uneven surface.
 - g. Always practice safety.
 - h. Always install ground terminal to lock's housing.



**ROCKY MOUNTAIN
 ELEVATOR PRODUCTS**
 Solid as the Rockies.

420 29 Road • Grand Junction, CO 81504 • Phone: 970.242.2544 • Fax: 970.241.7377

www.RockyMountainElevatorProducts.com