

## 600LBS MAGNETIC LOCK INSTRUCTION

### Power Requirements

#### A. 12VDC Operation

- **Required power:** 0.5 Amp (minimum)
- Connect the positive (+) lead from a 12VDC power source to V +.
- Connect the ground (-) lead from a 12VDC power source to V -.
- Check jumper for 12VDC operation.

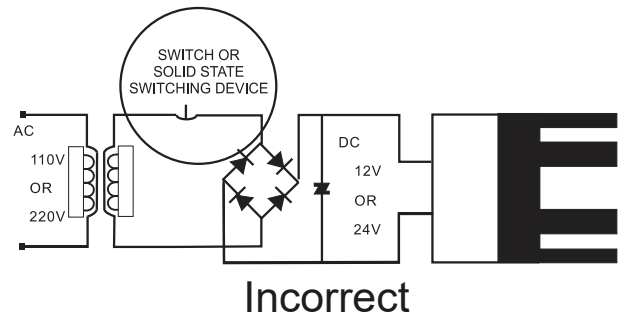
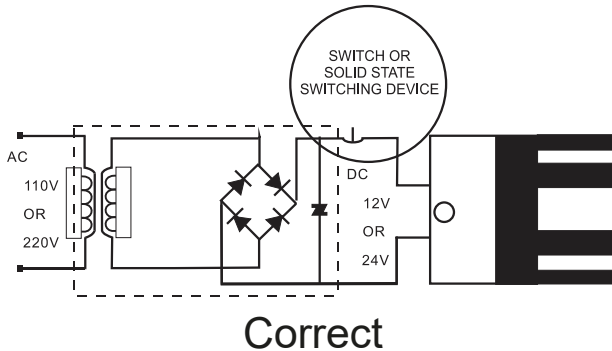
#### B. 24VDC Operation

- **Required power:** 0.25 Amp (minimum)
- Connect the positive (+) lead from a 24VDC power source to V+.
- Connect the ground (-) lead from a 24VDC power source to V-.
- Check the jumper setting for 24VDC operation.

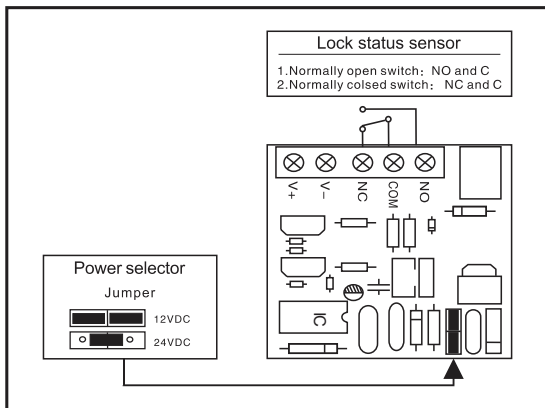


### Important!

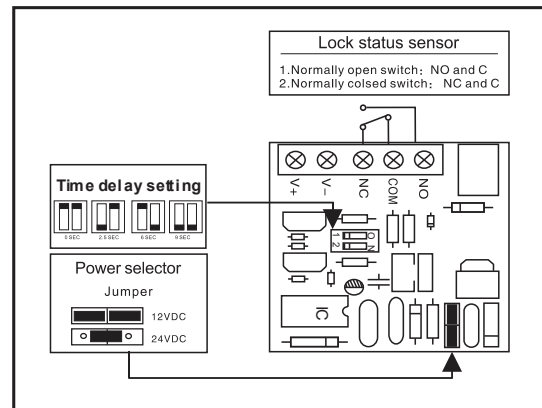
**If a power switch is not wired between the DC power source and the magnet, the magnet will take longer to de-energize, which may simulate residual magnetism (see below).**



### PRINTED CIRCUIT BOARD SCHEMATIC



600 lbs Magnetic Lock



600 lbs Magnetic Lock Time Delay

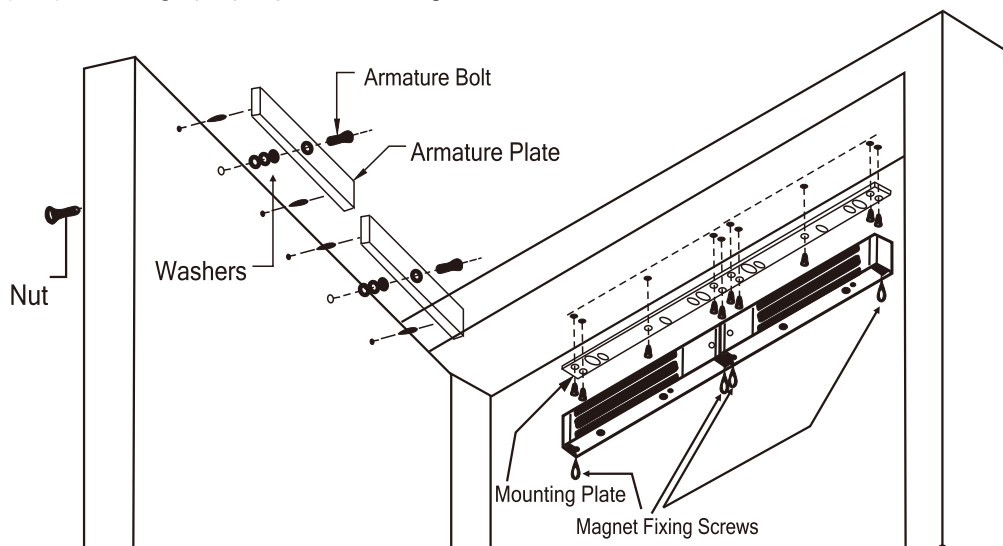
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## Important: Please Read Before Installing the Magnetic Lock

- A. Handle the equipment carefully. Damage to the mounting surfaces of the magnet or armature plate may reduce locking efficiency.
- B. The magnet mounts securely to the door frame. The armature plate mounts to the door using the provided hardware, which allows it to pivot at the center to compensate for door wear and misalignment.
- C. Use the provided template with the door in its normally closed position.
- D. Before installing, apply thread locker to all screws and tighten them firmly.

## Typical Installation:

**Important:** Do not tighten the armature plate too much. Ensure the rubber washer remains flexible so the armature plate can automatically adjust to align properly with the magnet.



## Mounting Instructions

### STEP 1

- Fold the template along the dotted line.
- Place the template against the door and head frame.
- Drill holes as indicated on the template.

### STEP 2

- Mount the armature plate to the door using one rubber washer sandwiched between two steel washers.  
*(The rubber and steel washers are installed on the through bolt between the armature plate and the door.)*

### STEP 3

- Install the mounting plate.
- Adjust the mounting plate so it and the armature plate form a right angle.
- Using the mounting plate as a guide, drill the wire hole.
- Drill and install the remaining mounting screws.

### STEP 4

- Install the magnet onto the mounting plate using the two M4 (or M6) screws provided.

### STEP 5

- Complete the electrical wiring according to the instruction sheet.

### STEP 6

- Test all functions of the unit (see wiring instructions).

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