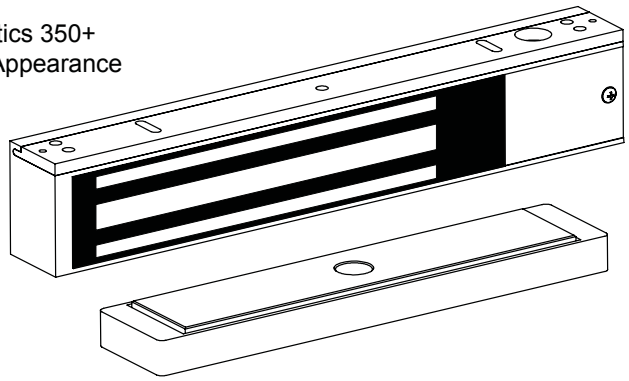
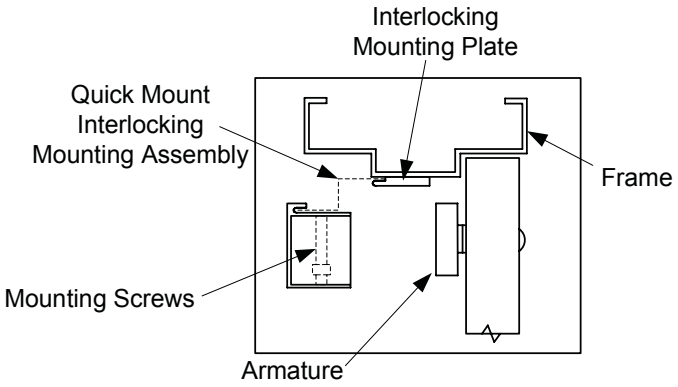
SDC Security Door Controls

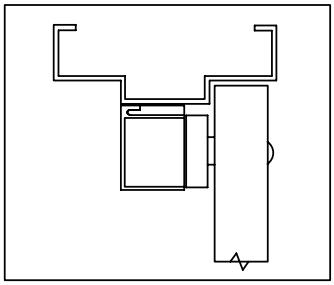
801 Avenida Acaso, Camarillo, Ca. 93012 • (805) 494-0622 •
www.sdcsecurity.com • E-mail: service@sdcsecurity.com

INSTALLATION INSTRUCTIONS
350 NARROW LIINE EMLOCK

Retrofits Discontinued Locknetics 350+
Provides Superior Architectural Appearance







Outswing

Electrical Instructions:

Use properly fused U. L. Listed Power Supply

Do not install a diode in parallel with any magnetic lock. A diode will cause a delay when releasing the door and residual magnetism to occur.

Access controls and/or release contacts must be located in series with the positive (+) power lead of the EmLock.

Any low voltage condition will cause erratic operation of the optional board sensor.

Although SDC recommends the use of a Regulated DC power supply, a transformer with an adjacent mounted full wave bridge rectifier may be used. A significant voltage drop will occur when using a full wave bridge rectifier.

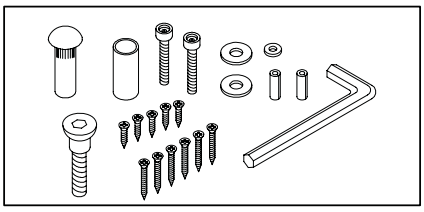
Electrical Specifications:

Dual Voltage 12 or 24VDC

Power Consumption 540mA@12VDC
300mA@24VDC

DS Door Status Sensor SPDT, 250mA@30VDC
LS Lock Status Sensor SPDT, 2A@30VDC

Supplied Mounting Hardware



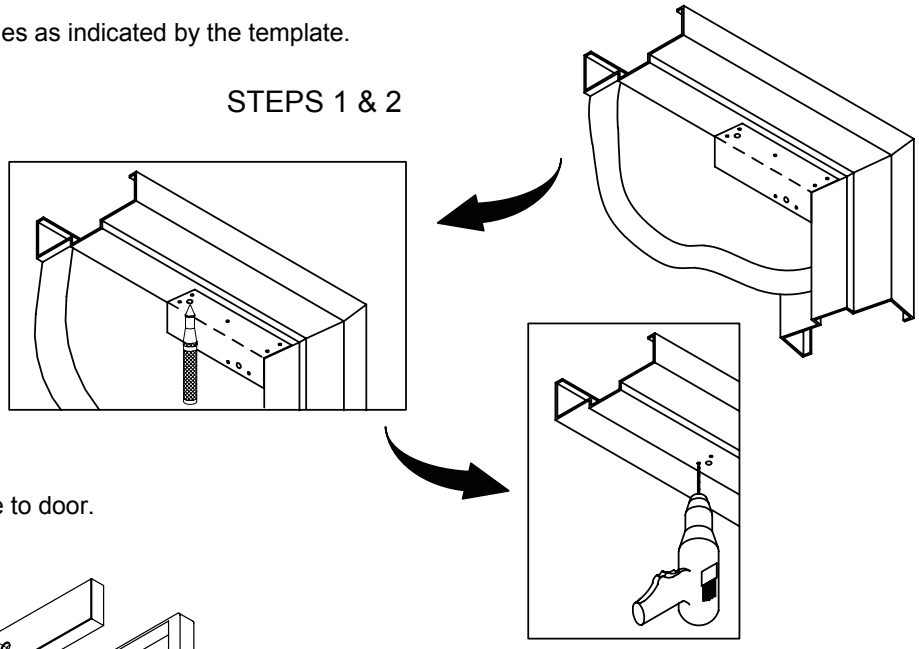
PATENT NO. 5,376.910

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com

1. Fold template as indicated on dotted line. For single doors locate template against the door and header on the lock jamb side of the frame.

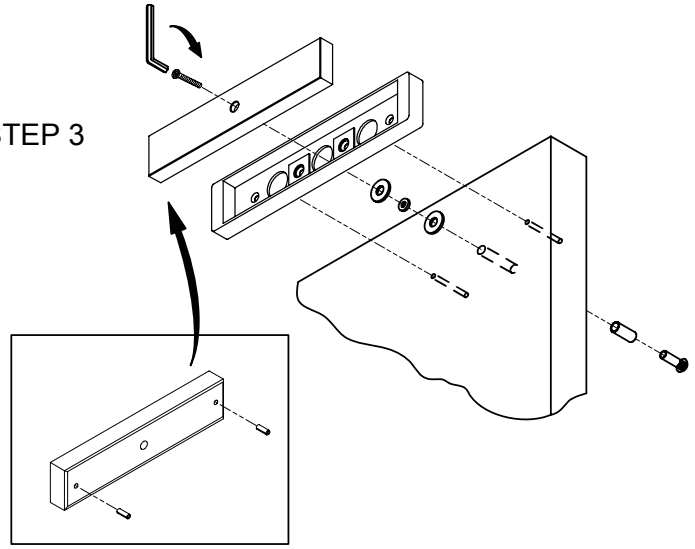
2. Mark and drill holes as indicated by the template.

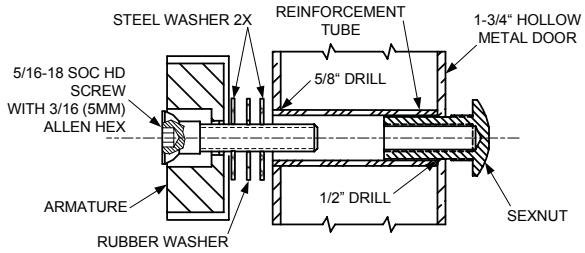
STEPS 1 & 2



3. Mount armature to door.

STEP 3



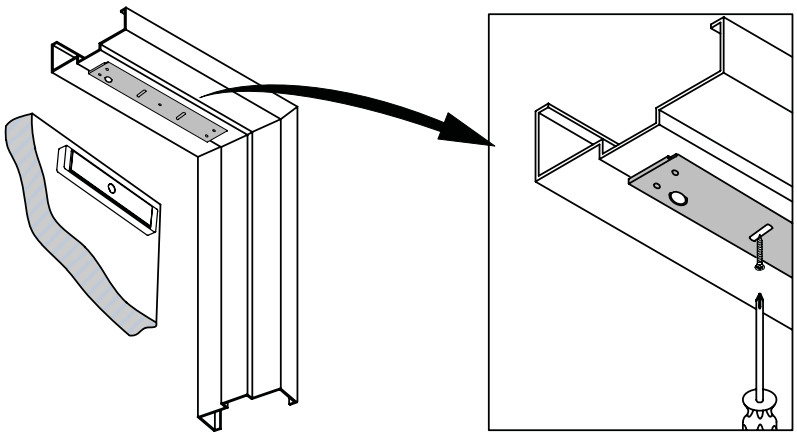


HOLLOW METAL DOOR

From Sexnut side of door, drill exactly 1/2" hole thru one metal thickness only. From Armature side of door, drill 5/8" hole to insert reinforcement tube. Press in sexnut and reinforcement tube all the way and mount armature to door using hardware provided.

4. Install magnet onto the header with the magnetic stripes towards the door side of the stop. Assure that the magnet and armature line up properly, then tighten down ALL mounting screws.

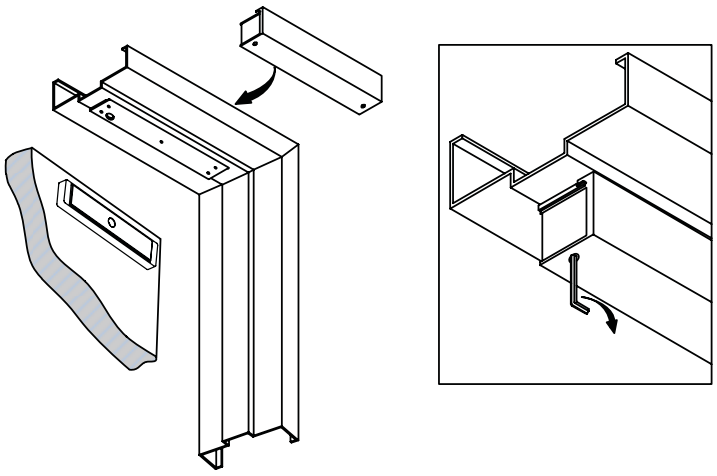
STEP 4



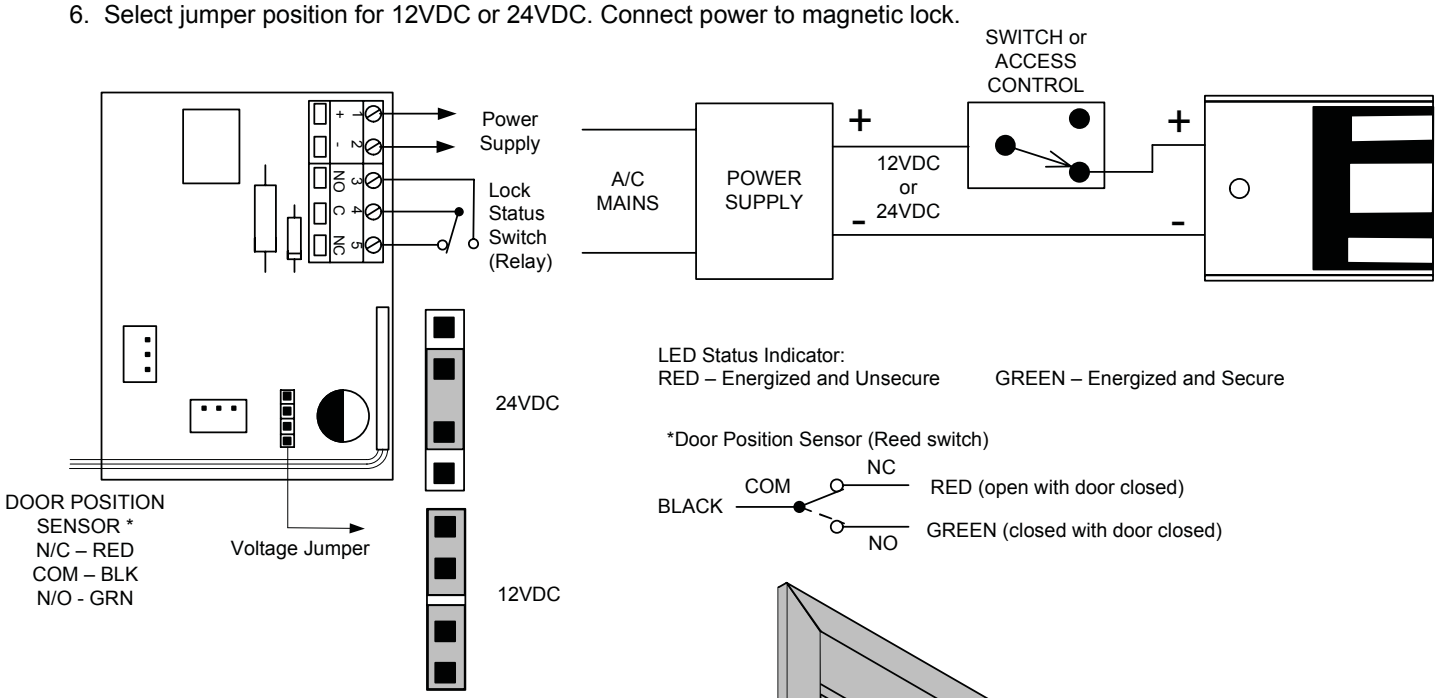
5. Holding the magnet housing at each end, engage the entire length of the interlock detail, by pushing towards the door. Tap with a soft hammer to ensure proper alignment and engagement.

   CAUTION: The lock body must be held in place until secured with mounting screws. Secure socket head screws provided inside the housing at each end. Start screws into threads carefully to avoid stripping the threads. Check alignment and tighten screws. Pull wires through frame, mounting plate and magnet housing

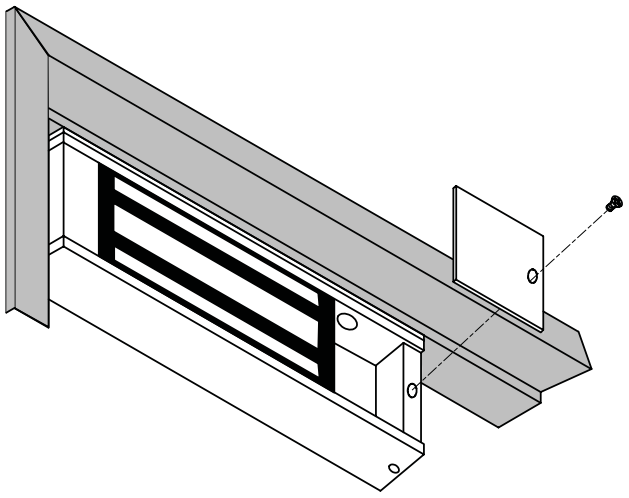
STEP 5



6. Select jumper position for 12VDC or 24VDC. Connect power to magnetic lock.



7. Test operation. When all is operating properly, tighten all screws.



To maintain surface plating from corrosion:

- Do not touch the lock face with your hands.
- Clean lock face with Scotch-Brite pad by 3M (do not use sandpaper).
- Apply a thin film of rust inhibitor (LPS-3) on lock face.
- Repeat application on armature plate.

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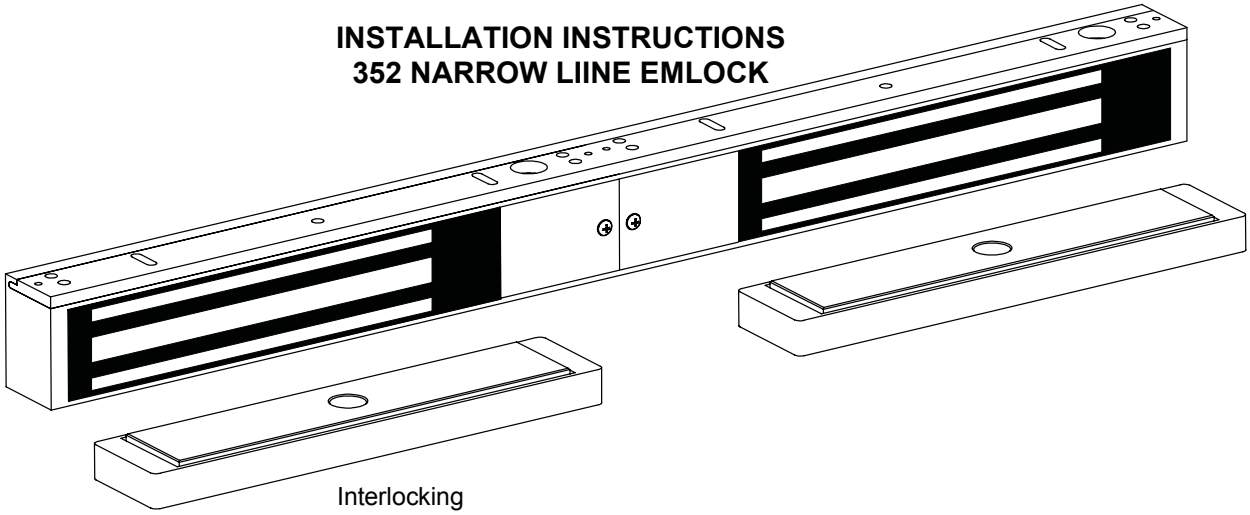
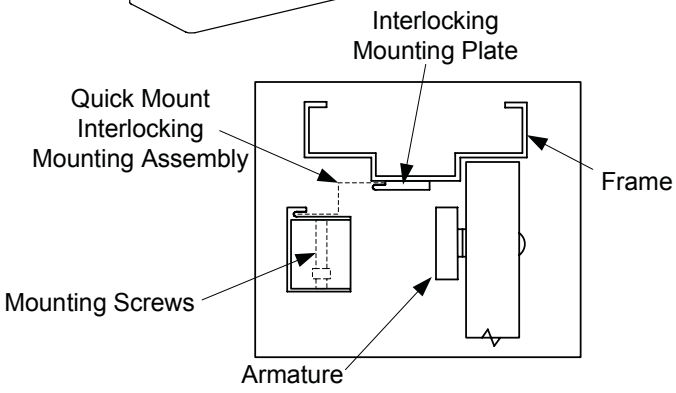
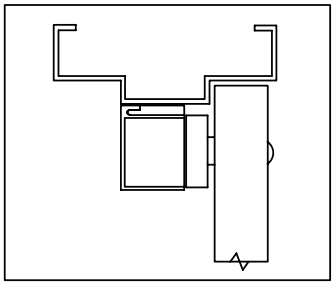
352 NARROW LIINE EMLOCK







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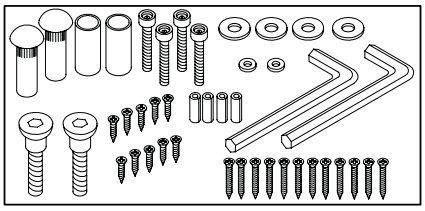

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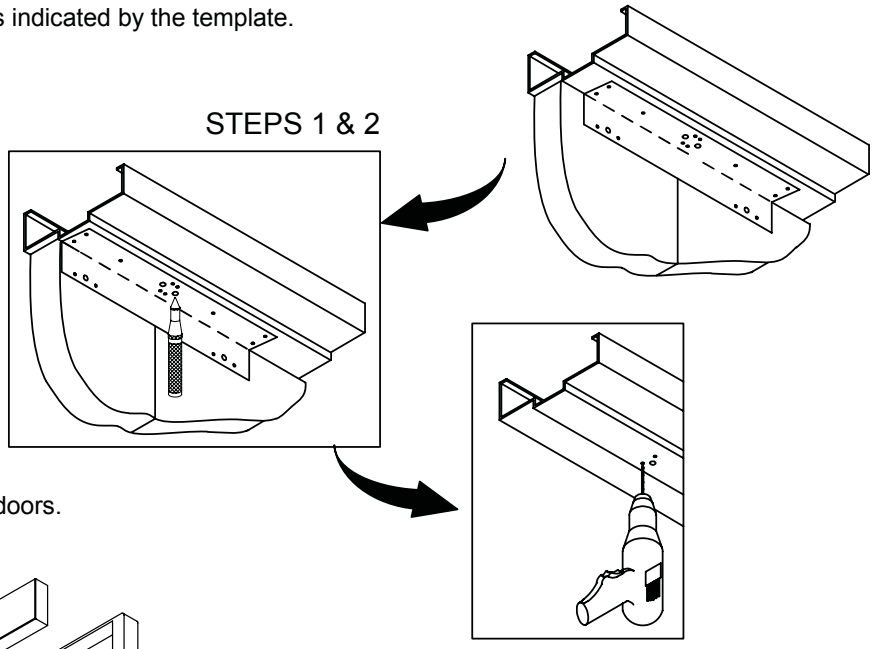
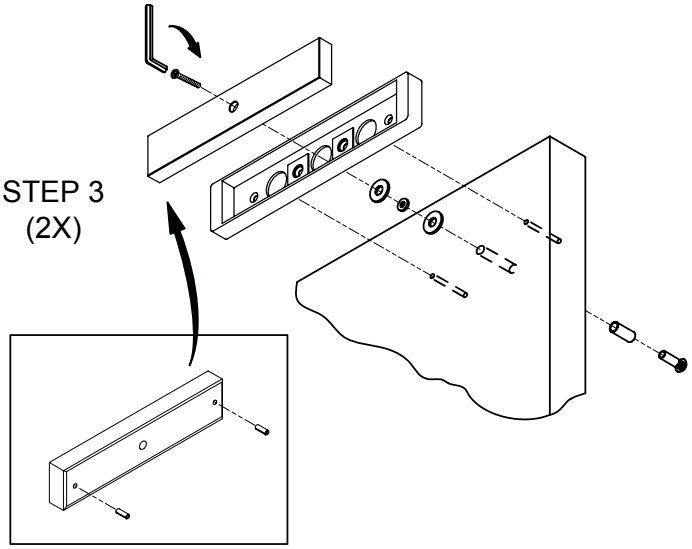
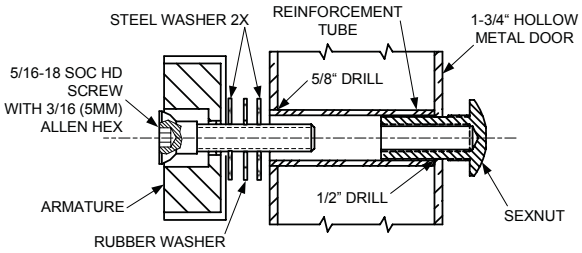
STEPS 1 & 2



3. Mount armatures to doors.

STEP 3
(2X)





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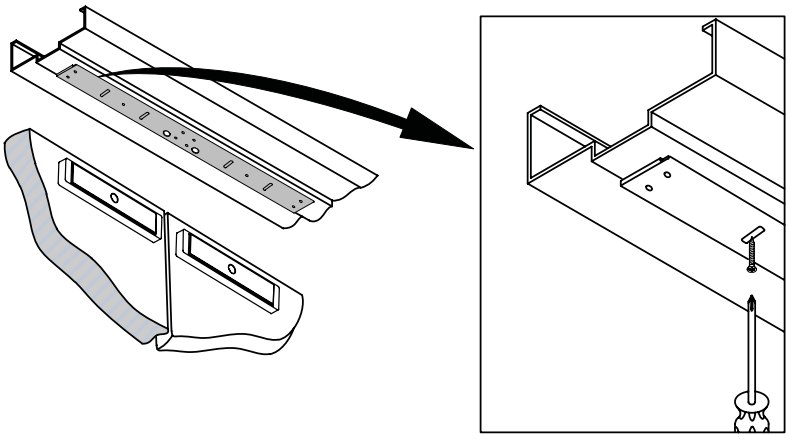

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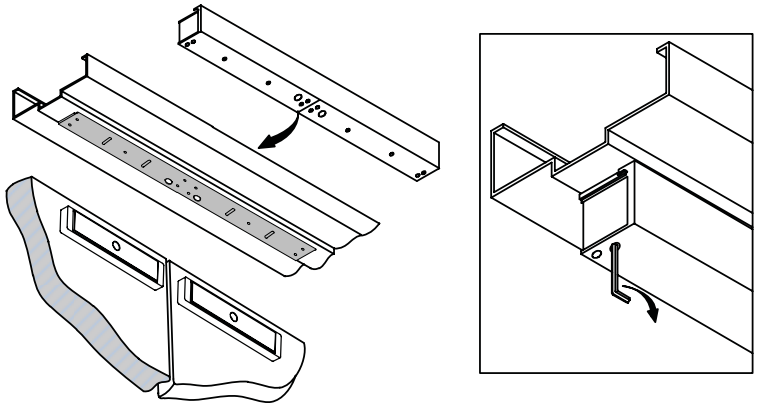

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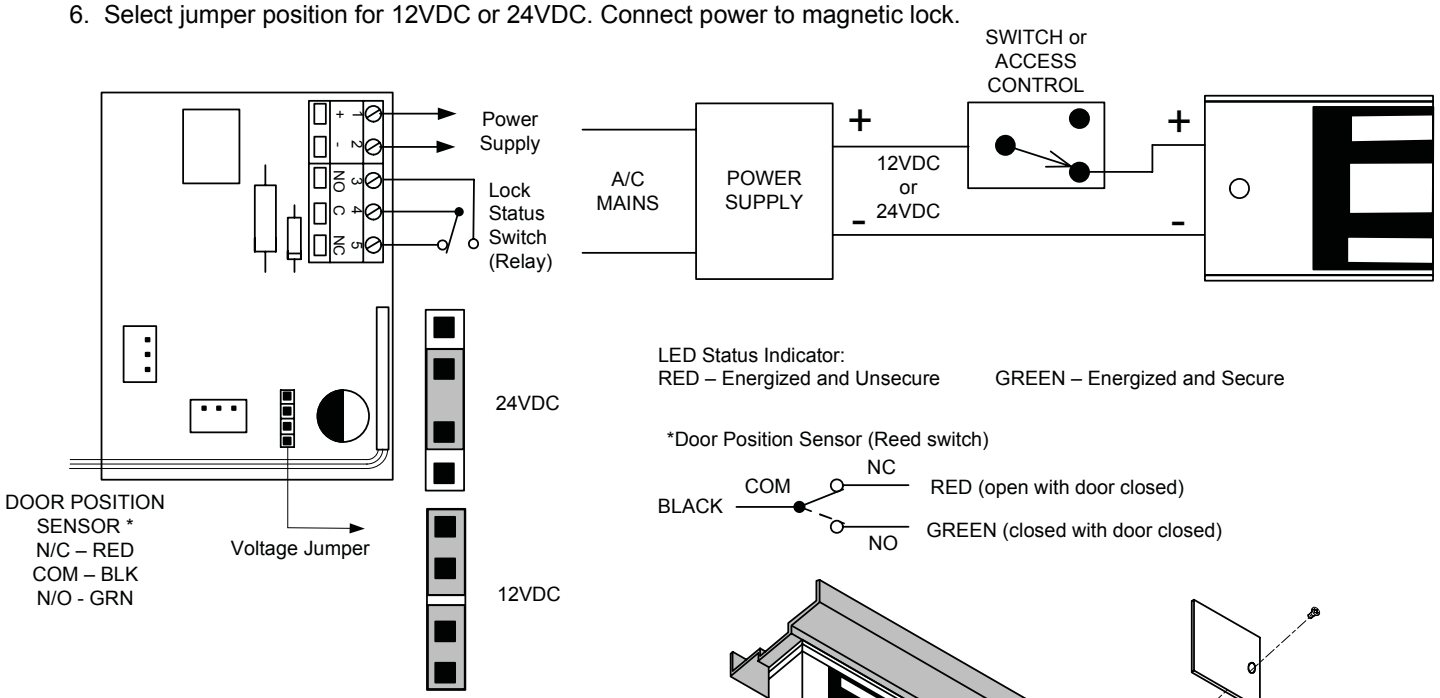
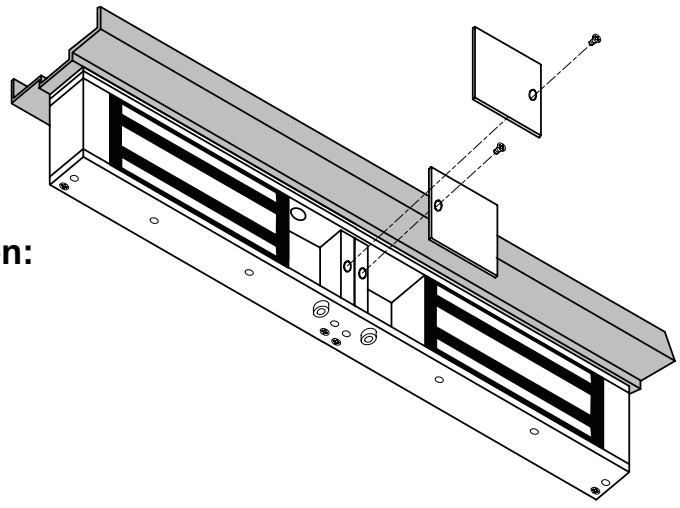


LED Status Indicator:
RED – Energized and Unsecure GREEN – Energized and Secure

*Door Position Sensor (Reed switch)



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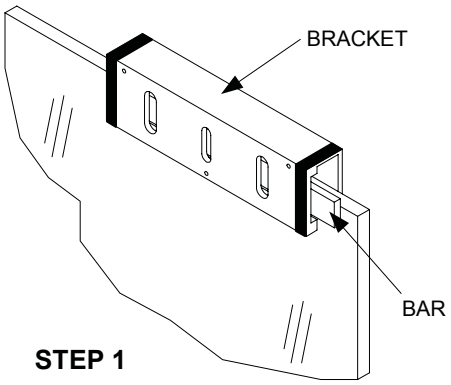
INSTALLATION INSTRUCTIONS
HDB 350/352 HERCULITE GLASS DOOR BRACKET

INSTALL BRACKET AND BAR TO GLASS DOOR



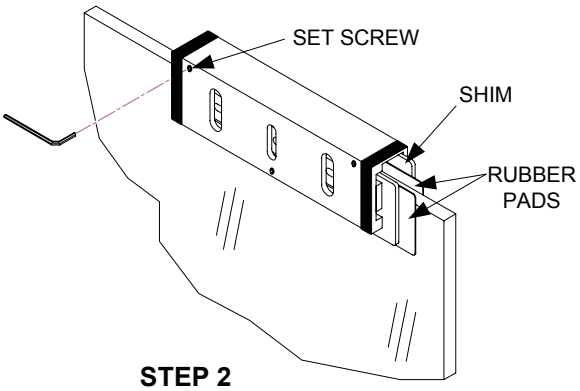
STEP 1

FOR 1/2" GLASS DOORS: PLACE RUBBER PAD & 10GA. SHIM BOTH SIDES.

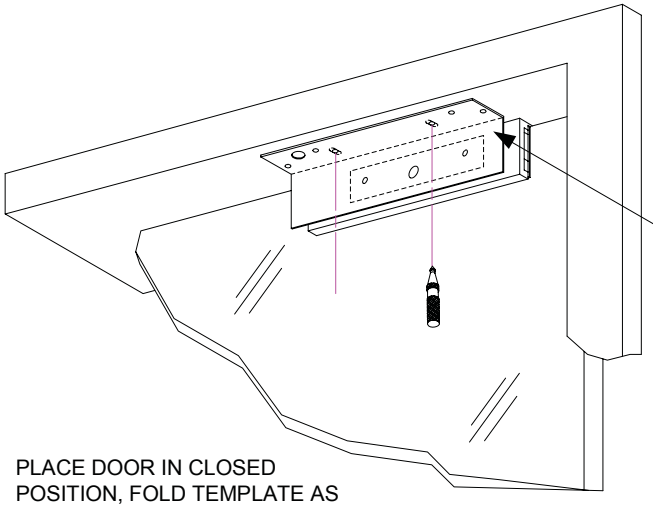
FOR 5/8" GLASS DOORS: PLACE RUBBER PAD BOTH SIDES & 10 GA. SHIM ONE SIDE ONLY.

FOR 3/8" GLASS DOORS: PLACE RUBBER PAD BOTH SIDES & 18 GA. SHIM ONE SIDE ONLY.

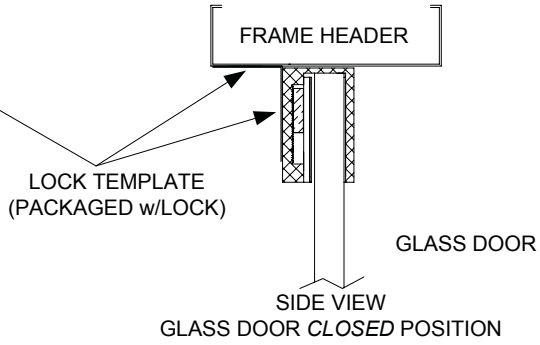
SECURE SET SCREWS WITH ALLEN WRENCH PROVIDED



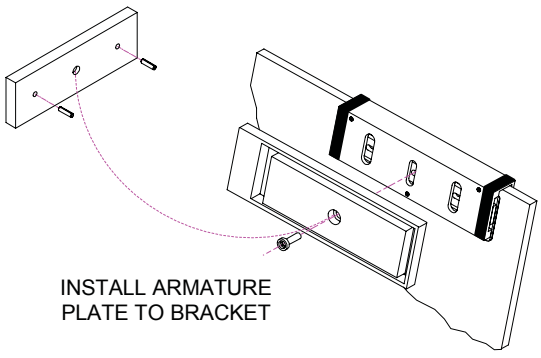
STEP 2



PLACE DOOR IN CLOSED POSITION, FOLD TEMPLATE AS INDICATED BY DOTTED LINE AND PLACE TEMPLATE AGAINST FRAME HEADER AND BRACKET THEN MARK AND DRILL AS INDICATED.



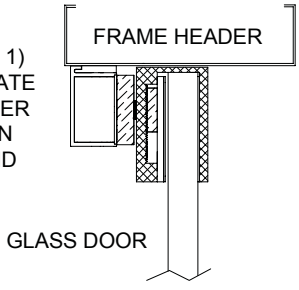
STEP 3



INSTALL ARMATURE PLATE TO BRACKET

STEP 4

USING BAR (SEE STEP 1) ADJUST ARMATURE PLATE AS NEEDED FOR PROPER ALIGNMENT BETWEEN ARMATURE PLATE AND EMLOCK SURFACE.



STEP 5