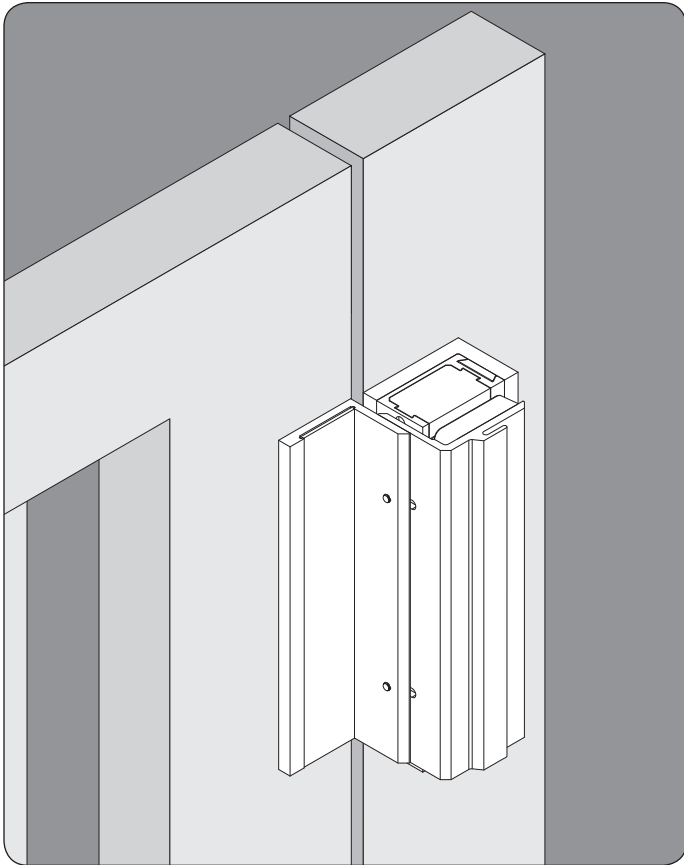


M490G Electromagnetic Locks



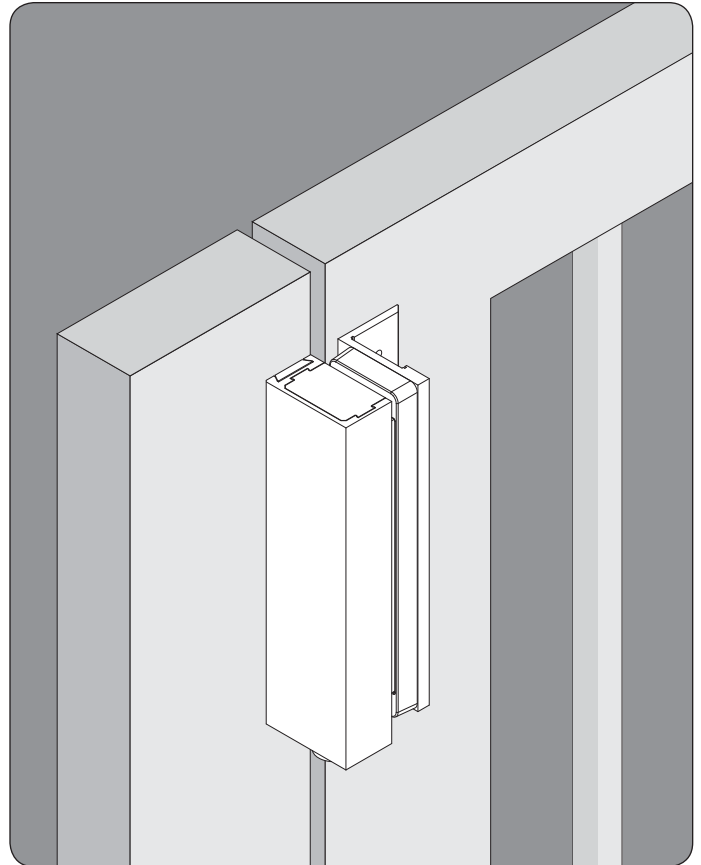
Installation Instructions

Swinging Application



For swinging application, go to page 2

Sliding Application



For sliding application, go to page 5

FEATURES

Magnetic Bond Sensor (MBS)

Detects proper bond between magnet and armature. It can be monitored remotely.

Door Position Switch (DPS)

Indicates whether door is open or closed. This feature is used in conjunction with the MBS.

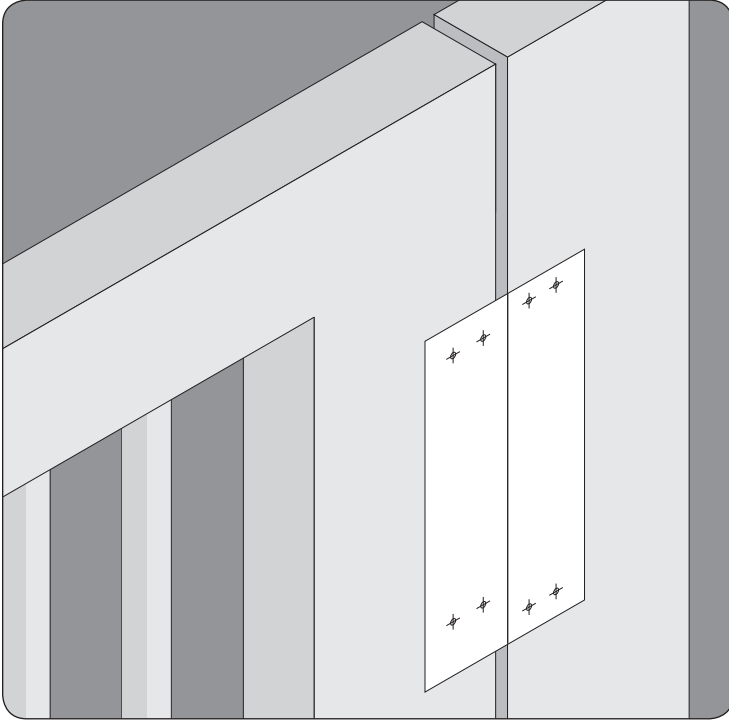
ELECTRICAL SPECIFICATIONS

Model	Amps (12VDC) Per Lock	Amps (24VDC) Per Lock	Holding Force (lbs) Per Lock
M490G	0.650	0.350	1500

SWINGING APPLICATION LOCK INSTALLATION

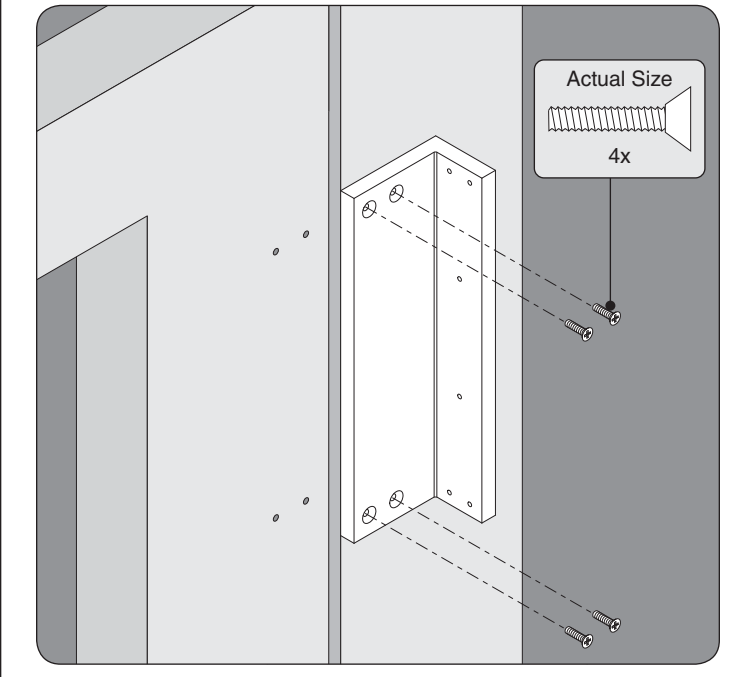
1 PLACE TEMPLATE AND MARK HOLES

- Place template on gate and post surfaces as marked on template.
- Mark holes and prepare them per template.

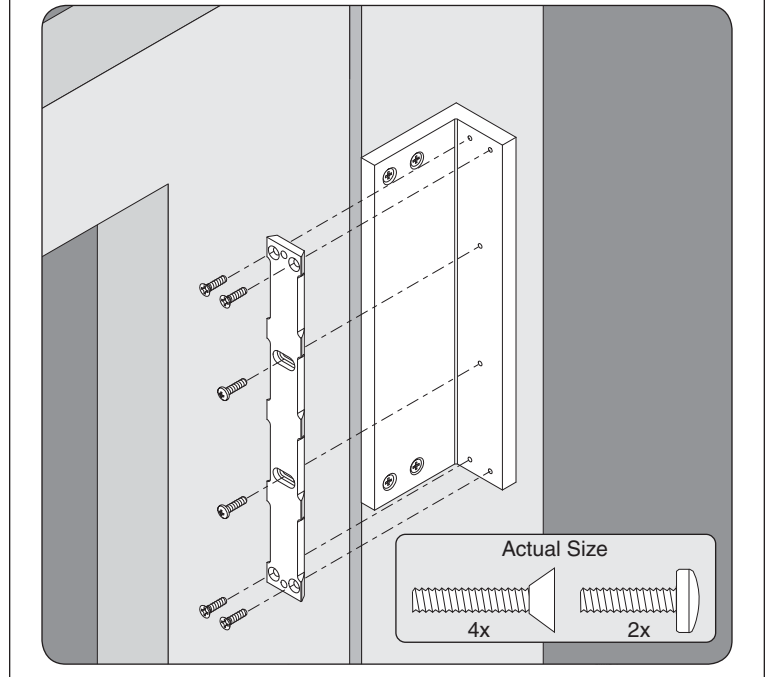


2 INSTALL MAGNET ASSEMBLY TO NON-MOVING POST

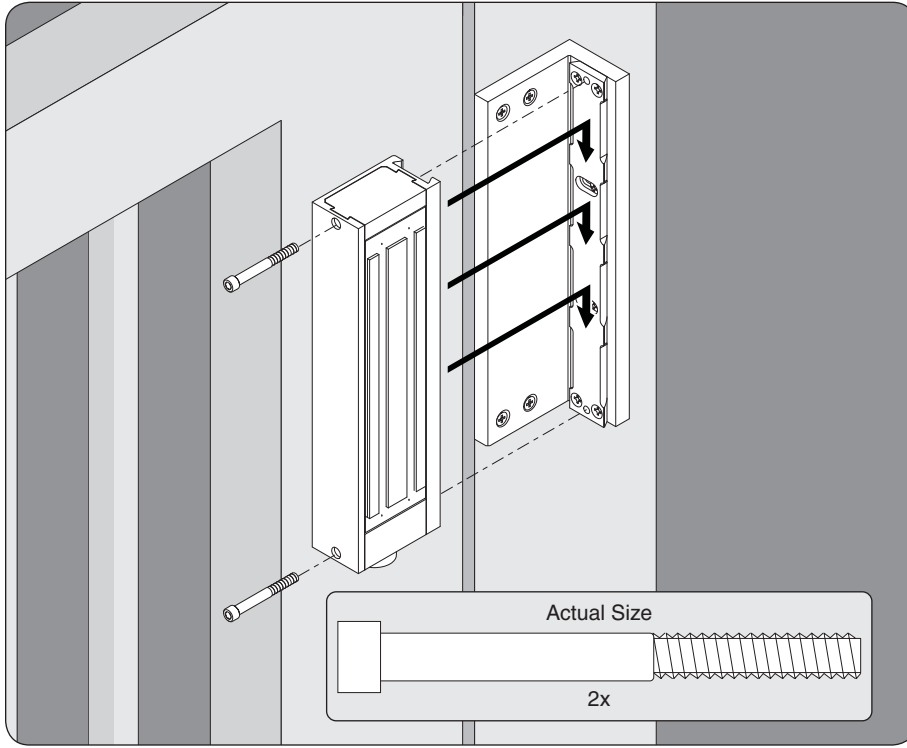
2a Attach L-Bracket to Gate



2b Attach Mounting Bracket to L-Bracket

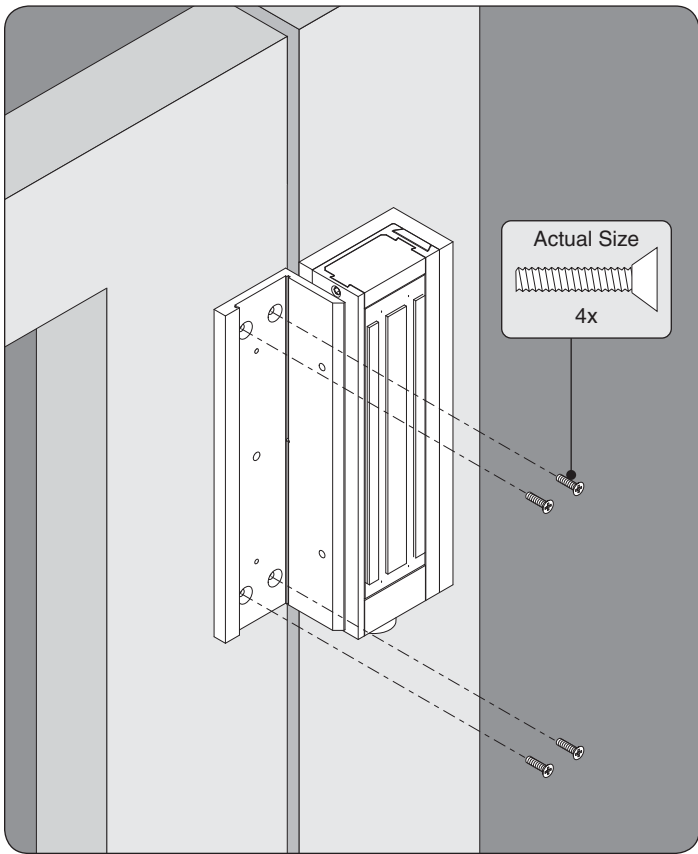


2c Attach Magnet to Bracket



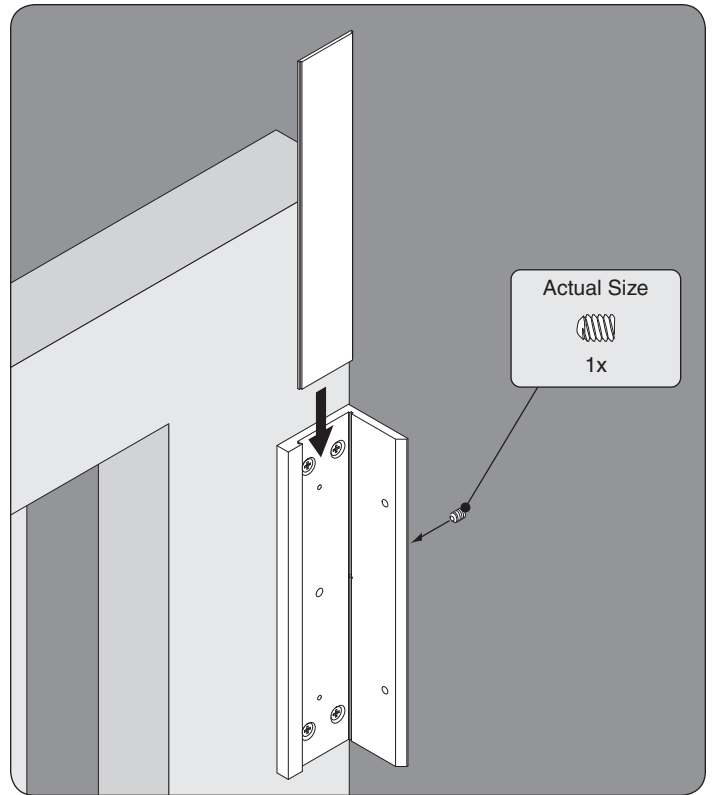
3 INSTALL ARMATURE TO MOVING PART OF GATE

3a Attach TJ Bracket to Gate

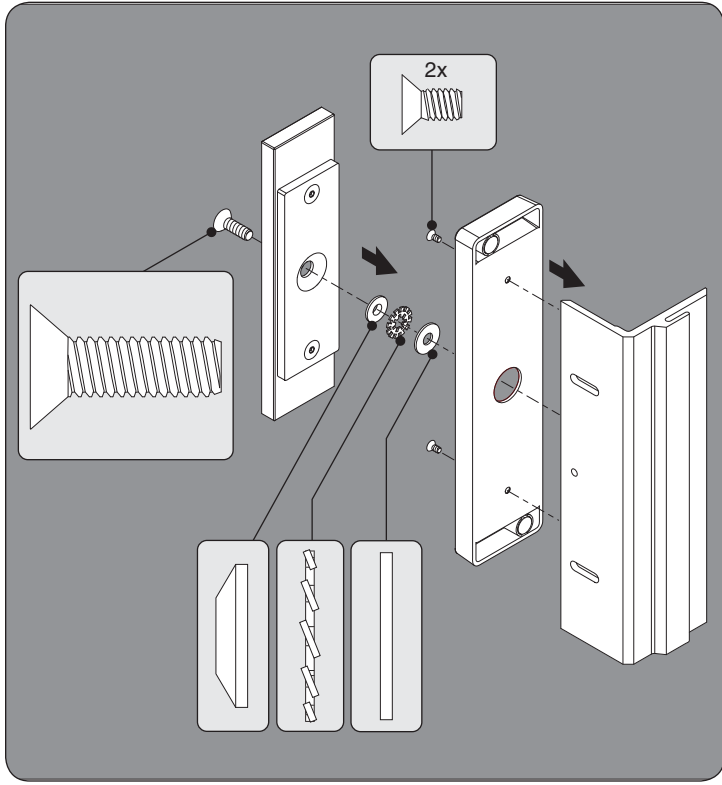


3b Install Cover Plate

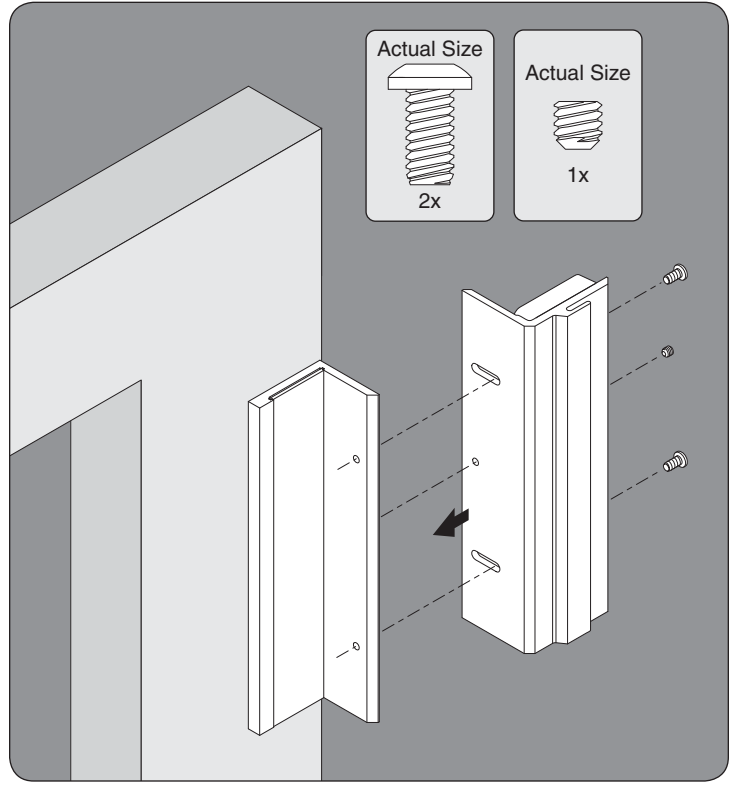
- Slide cover plate onto bracket.
- Install set screw.



3c Attach Armature to Second TJ Bracket

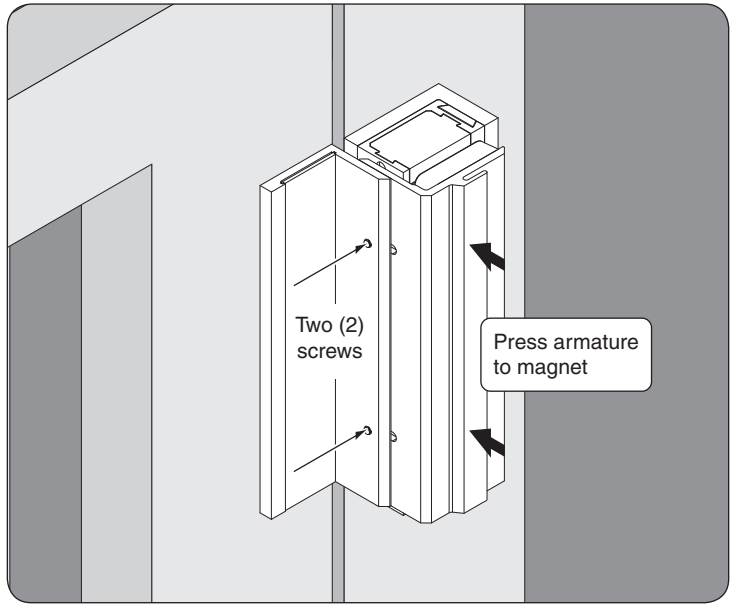


3d Attach Two TJ Brackets Together



3e Adjust Armature

- Close gate.
- Press armature to fully engage with magnet.
- Fully tighten two screws and set screw to lock position.

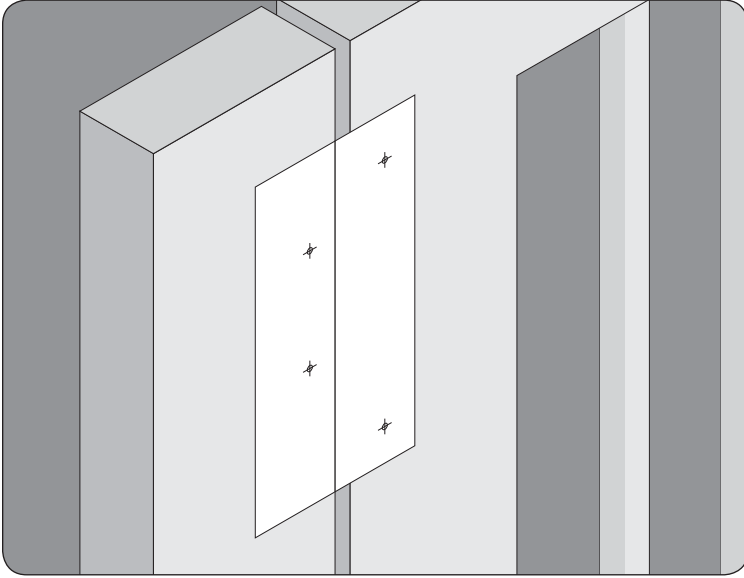


For Wiring Installation, see page 8.

SLIDING LOCK INSTALLATION

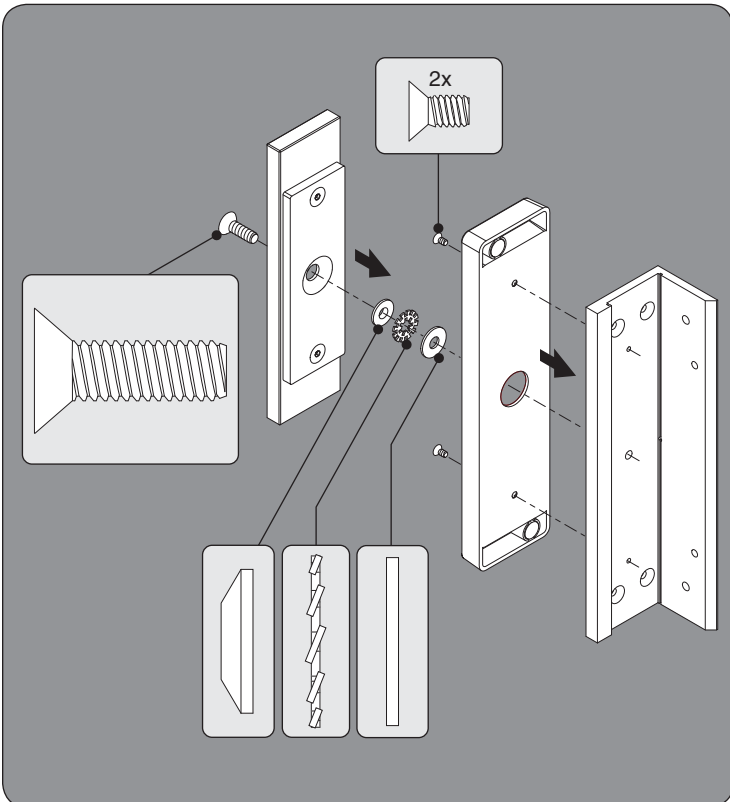
1 PLACE TEMPLATE AND MARK HOLES

- Place template on gate and post surfaces as marked on template.
- Mark holes and prepare them per template.

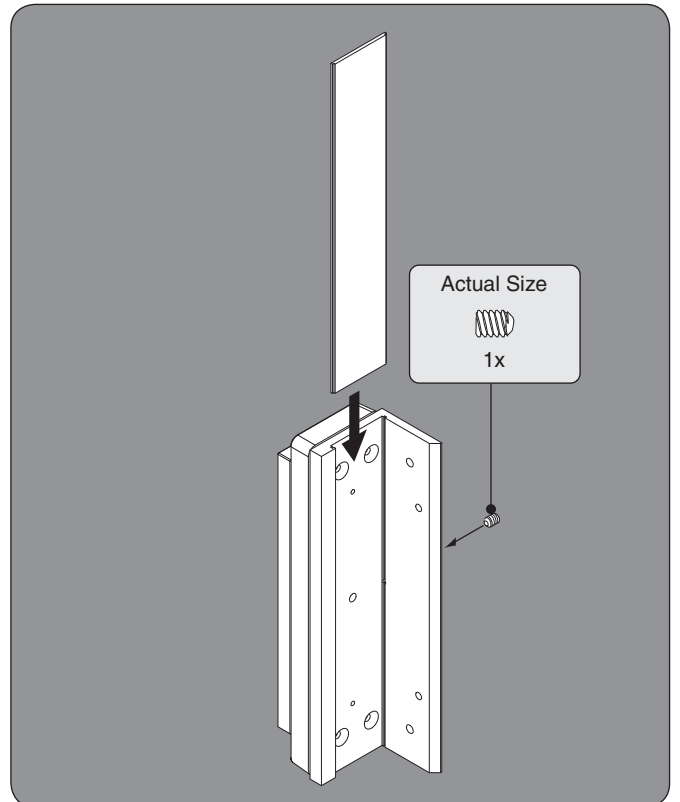


2 INSTALL ARMATURE TO MOVING PART OF GATE

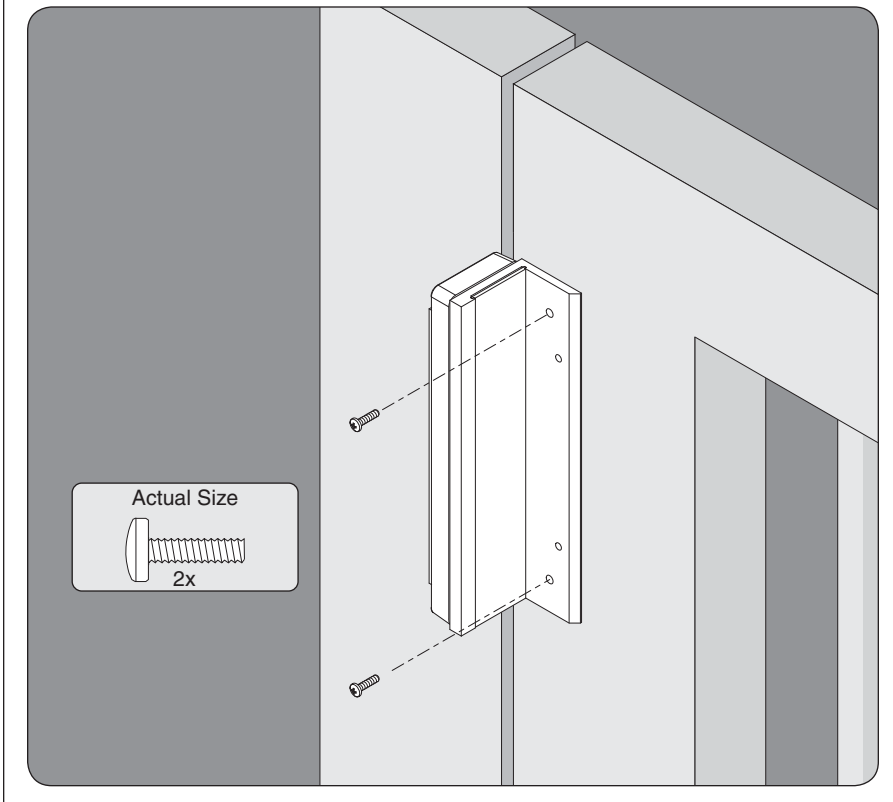
2a Attach Armature to TJ Bracket



2b Install Cover Plate



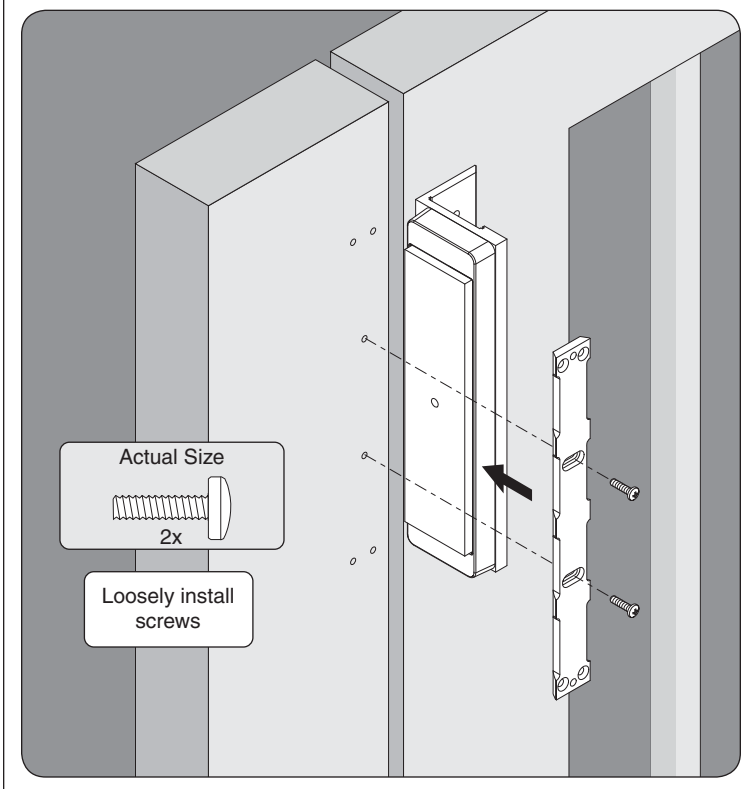
2c Attach Armature Assembly to Moving Part of Gate



3 INSTALL MAGNET ASSEMBLY TO NON-MOVING POST

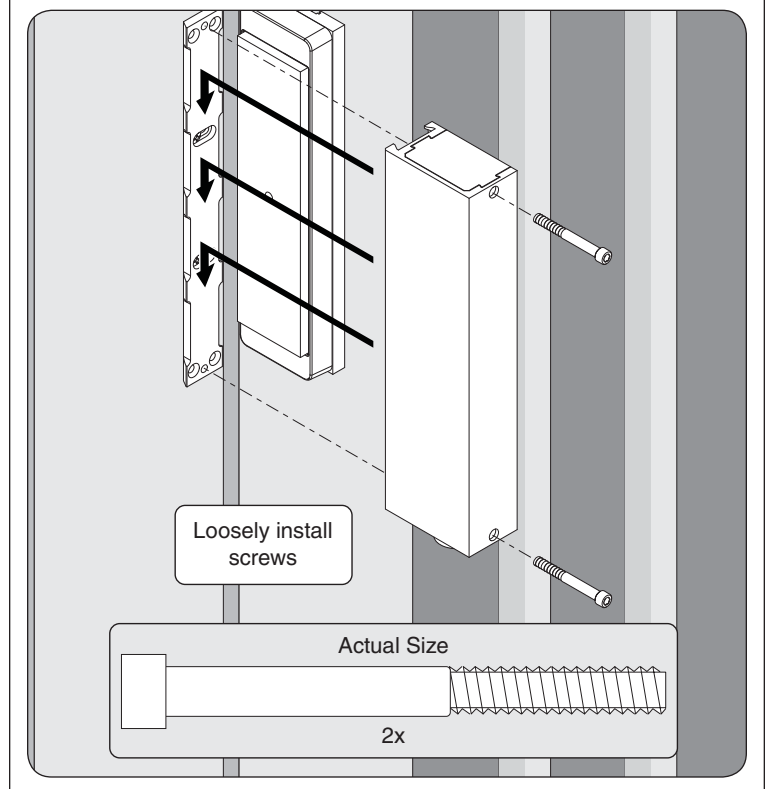
3a Attach Mounting Bracket to Post

- Attach bracket with two screws through two slotted holes.
- Leave screws loose so that bracket can be adjusted.



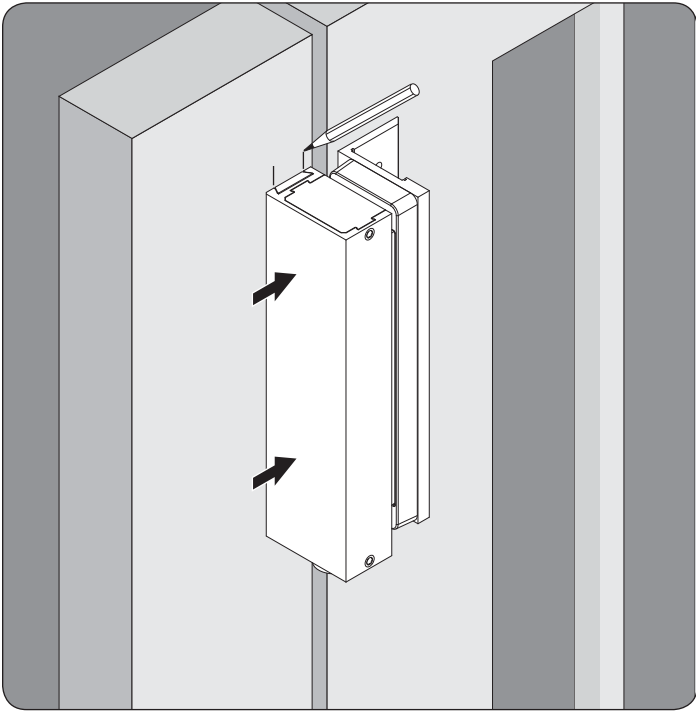
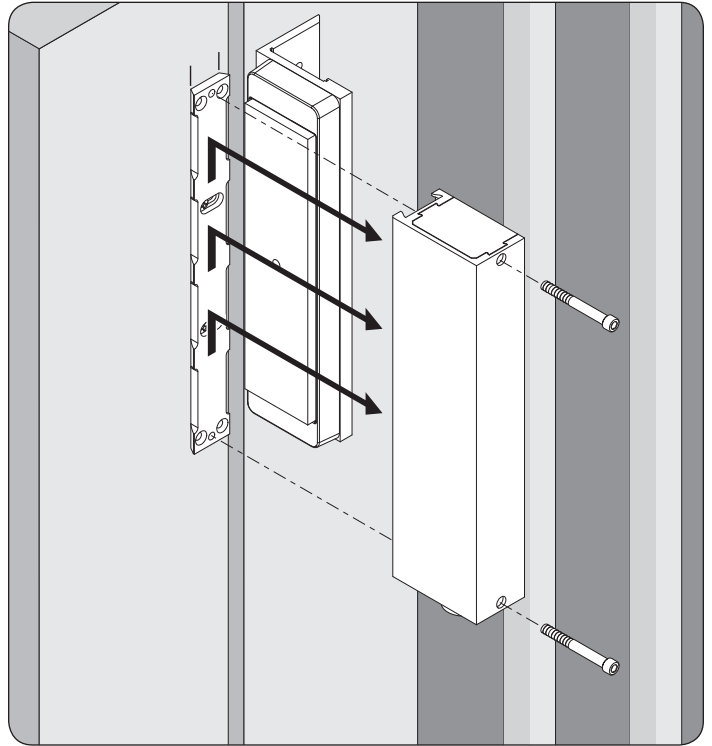
3b Attach Magnet to Bracket

- Slide magnet assembly onto mounting bracket.
- Secure magnet with two screws.

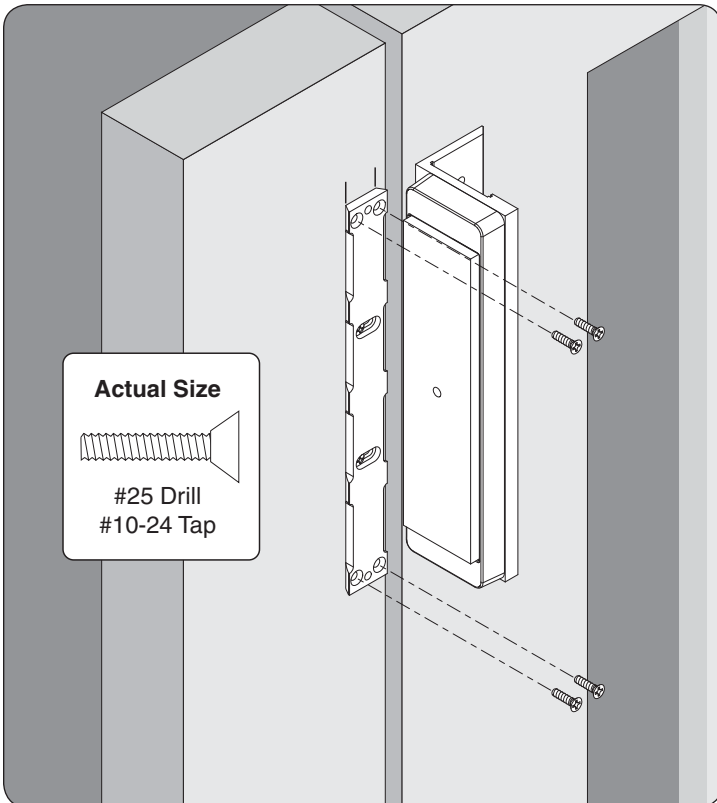
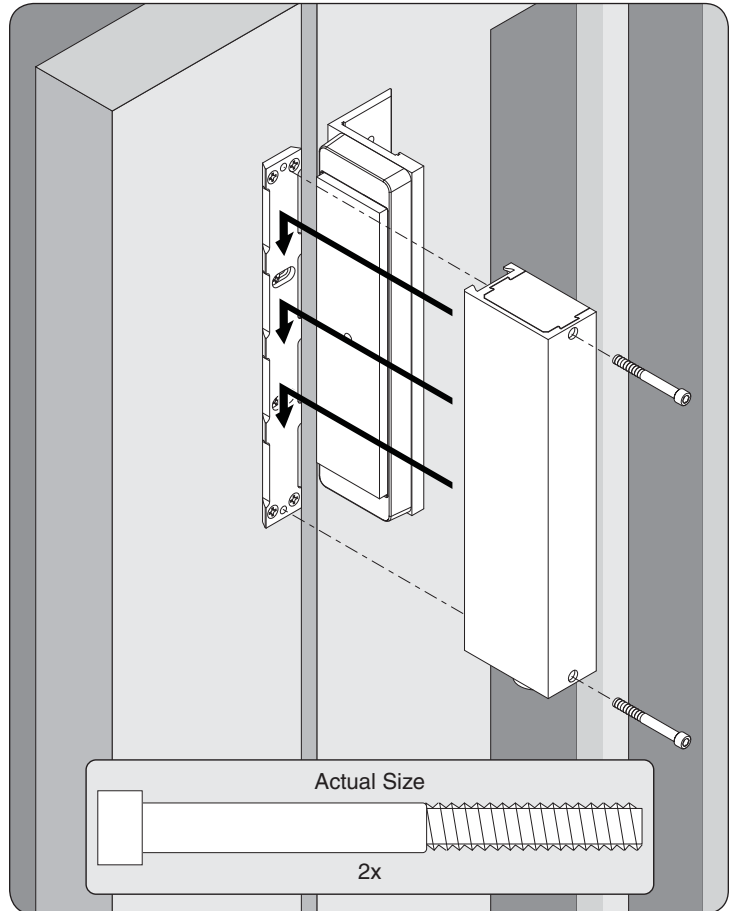


3c**Align Magnet to Armature**

- Press magnet to fully engage with armature.
- Mark bracket location.

**3d****Remove Magnet****3e****Fully Attach Bracket**

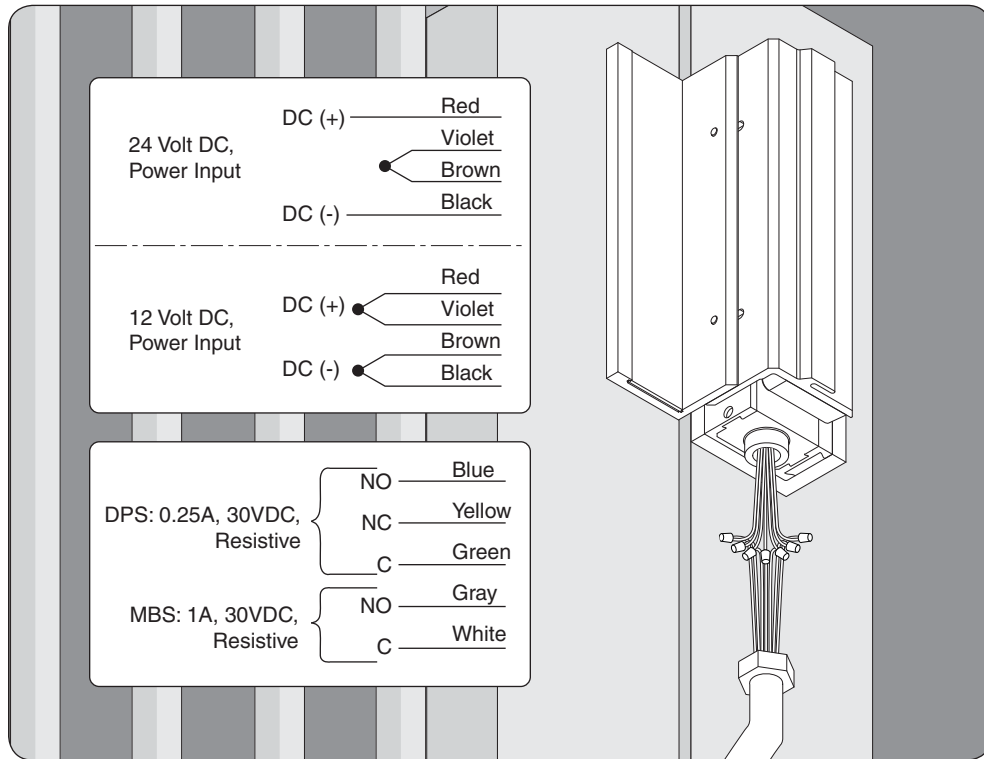
- Check bracket alignment with marks.
- Fully tighten two screws in slotted holes.
- Drill and tap four (4) remaining holes for #10-24 screws.
- Fully tighten all screws.

**3f****Reinstall Magnet and Secure with Two Screws**

For Wiring Installation, see page 8.

WIRING INSTALLATION

1 ATTACH WIRING PER INFORMATION SHOWN



2 CONNECT CONDUIT TO LOCK

