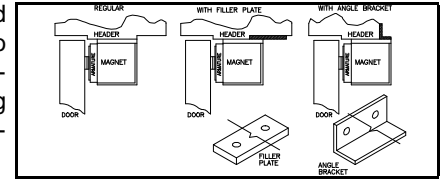


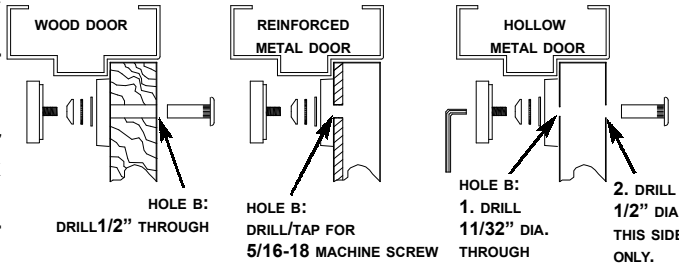
Pre-Installation Considerations: It is important that the door and frame be structurally sound for safety and security reasons. Compare the template information to the installation site to make sure that there is enough space to mount the magnet without interfering with any existing hardware. It may be necessary to use a filler plate or angle bracket for adequate mounting surface area. See illustration (right). Locknetics offers many sizes of each. Herculite door brackets are also available for glass doors. Consult your distributor.



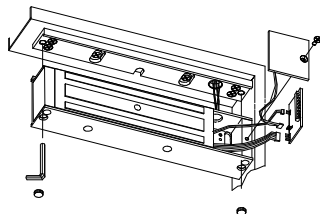
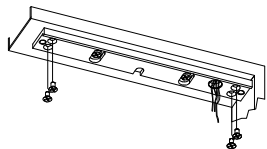
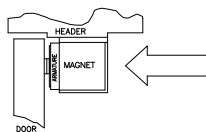
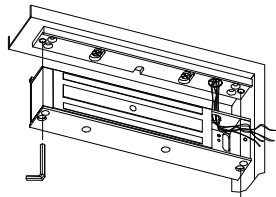
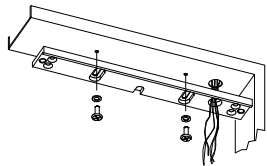
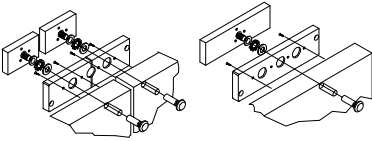
1. Prep door and frame according to the template provided for the correct model you are installing.

IMPORTANT! Armature plate(s) must be installed with the correct hardware in the correct order and orientation for proper operation. DO NOT REMOVE FOAM RUBBER COMPRESSION PADS FROM LEXAN ARMATURE HOUSINGS.

Holes "A" (on frame), referenced to on template, are to be for #10-24 machine screws on reinforced metal frames or #10 self tapping screws on sheet (hollow) metal or aluminum. Hole(s) "B" are for sex nut(s) and depend on door type (see illustration to right for correct application.)

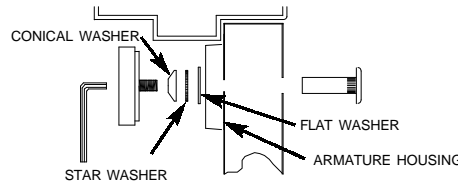


SINGLE/SPLIT ARMATURE UNITS:



(390+ SHOWN)

2. Mount armature(s), housing(s) and armature using appropriate hardware as shown.



3. Pass control/monitoring wiring through wire access hole in frame and through wire hole in mounting bracket. Mount bracket using pan head screws and flat washers. Do not completely tighten screws - it will be necessary to adjust the position of the bracket in step 5.

4. Install magnet assembly to mounting bracket.

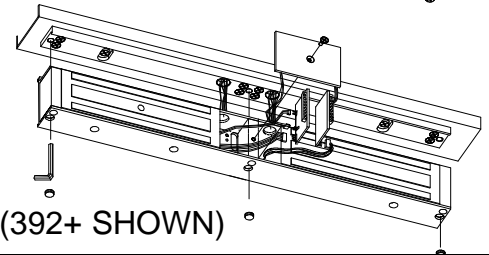
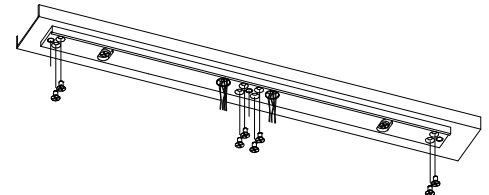
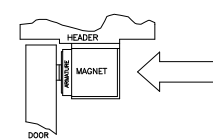
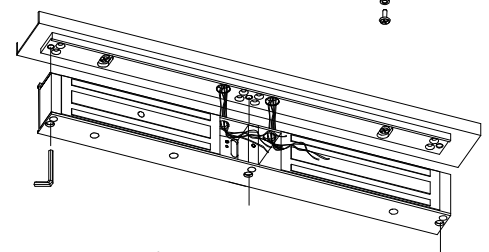
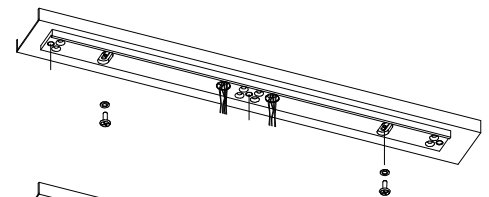
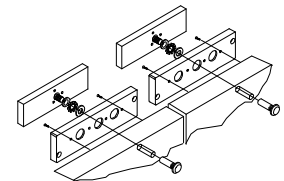
5. Close and latch door. Push the magnet assembly toward armature(s) on door(s) until they are pressed together. When possible, apply power to magnet to set final position. Mark position of mounting bracket and remove magnet assembly.

6. Tighten pan head screws to firmly hold mounting plate to frame. Drill mounting holes for #10 sheet metal/machine screws and secure mounting plate to frame. Make sure all fasteners shown are installed.

7. Install magnet to mounting bracket. Make wiring connections (see wiring instructions on next page). Install circuit board(s) (if used), wire and wire access cover. Do not pinch wires between parts. Install antitamper plugs, using a rubber mallet, if desired.

Note: after installing antitamper plugs it will be necessary to drill them out if the lock must be removed.

DOUBLE UNITS:



(392+ SHOWN)

ELECTRICAL SPECIFICATIONS: Note: Specifications refer to magnet type and are per coil. Double units will require twice the current. Holding force on spit armature models is less than one half of the force of a single unit.

Model:	Amps(12VDC)	Amps(24VDC)	Holding Force(lbs)
320+	0.750	0.380	700
350+	0.750	0.380	1200
390+	0.600	0.300	1650

PHYSICAL DIMENSIONS (LOCK BODY ONLY):

SINGLE UNITS:				DOUBLE UNITS:		
Model:	HEIGHT:	WIDTH:	DEPTH:	HEIGHT:	WIDTH:	DEPTH:
320+	2 1/8"	8 9/16"	1 11/16"	2 1/8"	16 3/4"	1 11/16"
350+	2 1/8"	12 1/2"	1 11/16"	2 1/8"	25"	1 11/16"
390+	2 3/4"	10 1/2"	1 11/16"	2 3/4"	20 5/8"	1 11/16"

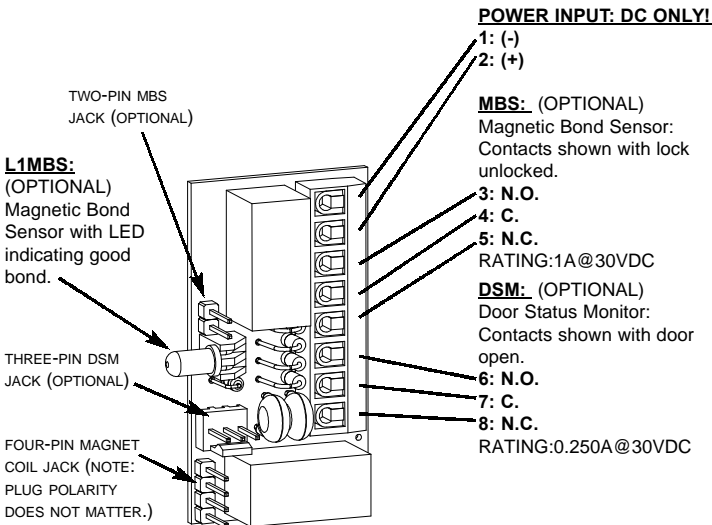
“+” MODELS WITH AVS CIRCUIT BOARD:

There are three PC board Options:

AVS: Automatic Voltage Selection.

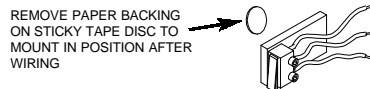
AVSxDSMxMBS: Automatic Voltage Selection, Door Status and Magnetic Bond Sensor

AVSxMBSxDSM: Automatic Voltage Selection, Door Status and Magnetic Bond Sensor W/ L1 OPTION (LED TURNS GREEN WHEN GOOD BOND EXISTS)

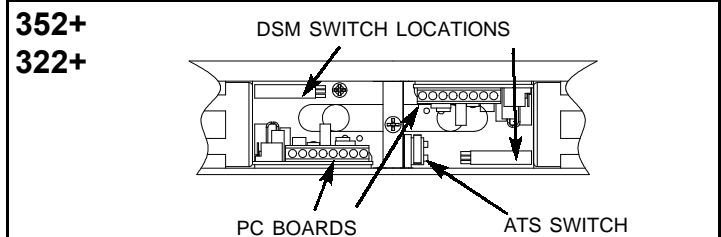
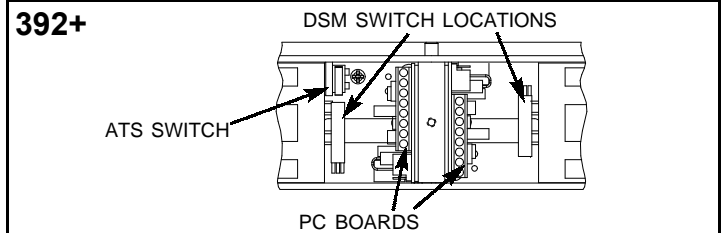
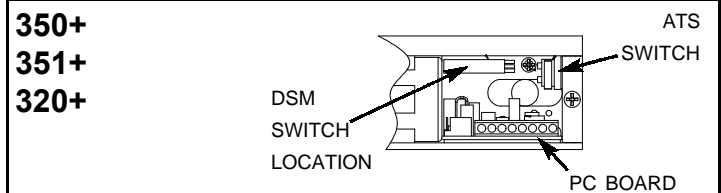
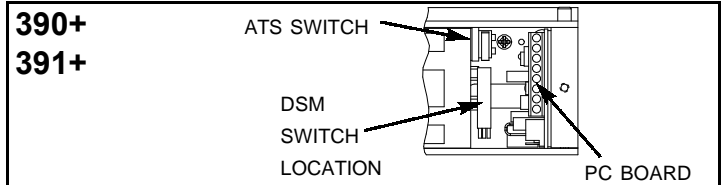


ATS: (OPTIONAL) Anti Tamper Switch: Contacts shown with cover removed.

BLUE: N.C.
TAN: C.
GREEN: N.O.
RATING: 1A @ 30VDC



WIRING CAVITY COMPONENT LOCATION:

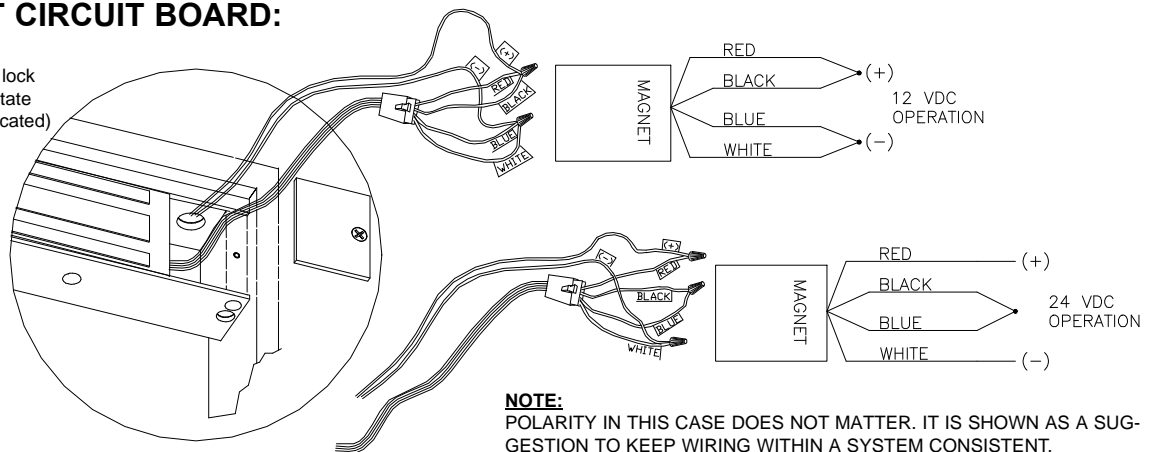


MODELS WITHOUT CIRCUIT BOARD:

MBS:
(Magnetic Bond Sensor - indicates lock status, shown unlocked: changes state when a good magnetic bond is indicated)
WHITE: C.
WHITE: N.O.
(RATING: 0.250A @ 30VDC)

DSM:
(Door Status Monitor: changes state when door is closed)
RED: N.C.
BLACK: C.
WHITE: N.O.
(RATING: 0.250A @ 30VDC)

IMPORTANT! DSM SWITCH POSITIONS ARE THE SAME. SEE DIAGRAMS ABOVE.



NOTE:
POLARITY IN THIS CASE DOES NOT MATTER. IT IS SHOWN AS A SUGGESTION TO KEEP WIRING WITHIN A SYSTEM CONSISTENT.