

# INSTALLATION



## TOP JAMB "Z" BRACKET

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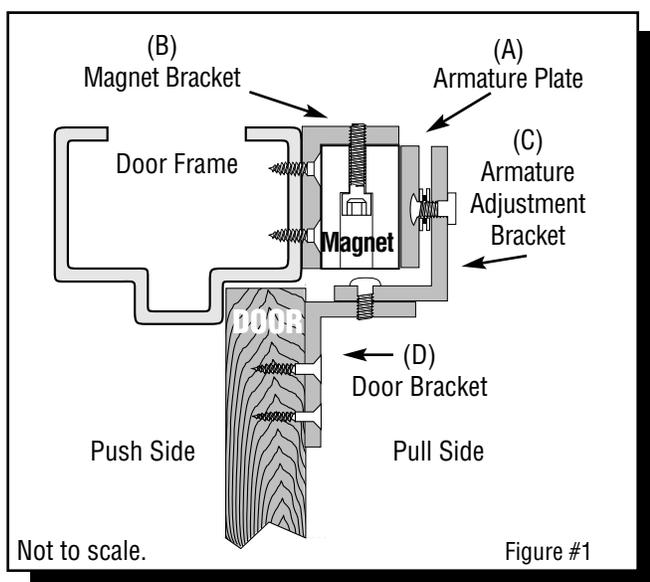
### "Z" BRACKET INSTALLATION

(For 8310, 8320, and 8371 Electro-magnetic Locks)

1. Place template on door and door frame. Using the horizontal dashed line (A) on the template as a reference. Adjust the position of the template so that line (A) is in line with the top of the door, secure template with masking tape.

**NOTE:** If the door and the door frame header do not line up vertically, cut the template along the dotted reference line (A). Place the lower portion of the template against the door making sure that it is lined up with the top of the door. Place the upper portion of the template against the door frame, make sure that its lower portion is in line with the top of the door. Carefully line up the upper template with the lower and secure in place.

2. Using the template as a guide, mark the location of the drill holes using a center punch. Remove the template, drill and tap for #12-24 x 1/2 machine screws or #12 x 1-1/4" sheet metal screws provided according to door and frame materials.
3. Remove and discard mounting plate attached to electromagnetic lock.
4. Pass electromagnetic hook-up wires through access holes on bracket (B). Fasten bracket (B) to door frame using the hardware provided. Remove wire access cover from electromagnet and pass wires through the milled access hole. Fasten electromagnetic lock to bracket (B), using the allen head cap screws provided. Connect wires to terminal block as per wiring instructions.
5. Fasten bracket (D) to door using hardware provided. Fasten bracket (C) to bracket (D) using the three #5/16-18 X 1/2" button head cap screws provided. Mount armature plate (A) to bracket (C) (Reference figure #2).
6. Position bracket (C) so that the armature plate completely contacts the electro-magnetic lock. Mark the position of bracket (C) and secure bracket (C) to bracket (D) using the three fasteners provided.



Note: Dimensions are subject to change without notice.

