INSTALLATION

8310/8320 8371/8372 8375

TOP JAMB "Z" BRACKET
ELECTROMAGNETIC LOCK ACCESSORY

RUTHERFORD CONTROLS
A DORMA Group Company

In or Out... we make it Easy!®

INSTRUCTIONS

Installation of this product should be done by an experienced installer with knowledge of this product. Read and conform to each of the Pre-Installation Instructions supplied with your Rutherford Controls electromagnetic lock. Failure to conform to the Pre-Installation Instructions is a misuse of product and could result in serious bodily injury or property damage. This product must be used only with a Rutherford Controls electromagnetic lock.

PREPARE DOOR & FRAME: Place top jamb template on door and door frame with allowance for Allen key clearance from the vertical jamb for 8310, 8371 and 8375 models. For double door 8320 and 8372 the installation is centered between the doors. Position dashed template line along the top of the door. Secure template with masking tape. Center punch.

If the door and frame do not line up vertically, cut the template along dashed line. Place the lower portion against the top of the door. Place the upper portion on the frame in line with the top of the door. Carefully align the two and secure with masking tape.

NOTE: Do not use as a doorstop. This will void warranty.

MOUNTING ELECTROMAGNETIC LOCK: Remove wire access cover from electromagnetic lock. Remove and discard mounting plate attached to the electromagnetic lock.

Pass power supply wires through bracket (A) and fasten bracket to frame per Figure #1 using the hardware provided. Tip electromagnetic lock to expose 4 captive mounting screws. Carefully apply thread locking compound to exposed threads. Pass wires into lock. Fasten electromagnetic lock to bracket (A). Connect wires to terminal block as per wiring instructions included with electromagnetic lock.

MOUNT ARMATURE PLATE: Fasten bracket (B) to door using hardware provided.

Insert clinch nut in bracket (C) as illustrated in Figure #2 using a hammer (clinch nut is not required for 8375 bracket). Pass armature bolt through armature plate and washers as shown in Figure #2. Apply thread locking compound to exposed threads of bolt and drive it into bracket (C) clinch nut.

Position adjustment bracket (C) so that the armature plate completely contacts the electromagnetic lock. Once aligned secure them in place (from below) using fasteners provided (2 screws in each of bracket (B) slots).

When properly installed, the ends of the armature plate allow a slight movement but the plate will feel secure when grasped at the bolt. There should be no movement to the mounting brackets or housing of the electromagnetic lock.

WARNING: Improper installation, maintenance, inspection or usage of the product or any related accessories or parts may cause the electromagnetic lock, armature plate and associated hardware to disengage and fall, causing serious bodily injury and property damage. Rutherford Controls Int'l Inc. and/or Rutherford Controls Int'l Corp. will not be liable to the installer, purchaser, end user or anyone else for damage or injury to person or property due to improper installation, care, storage, handling, maintenance, inspection, abuse, misuse or act of God or nature involving this product or any related accessories or parts.

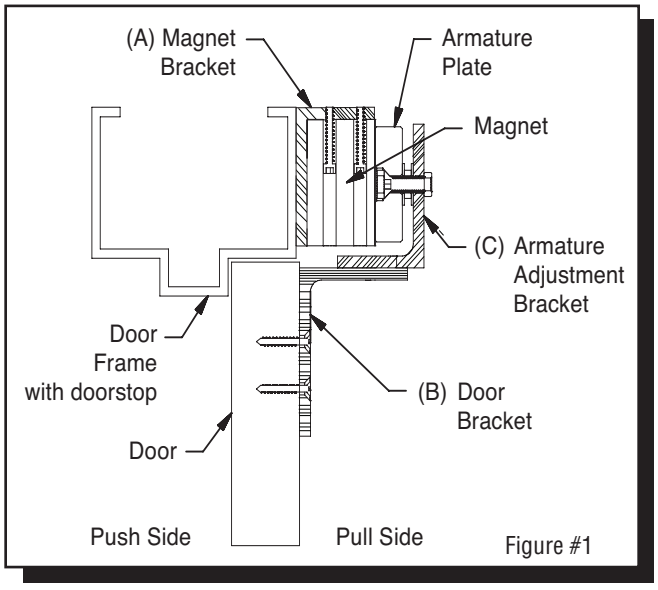

Figure #1

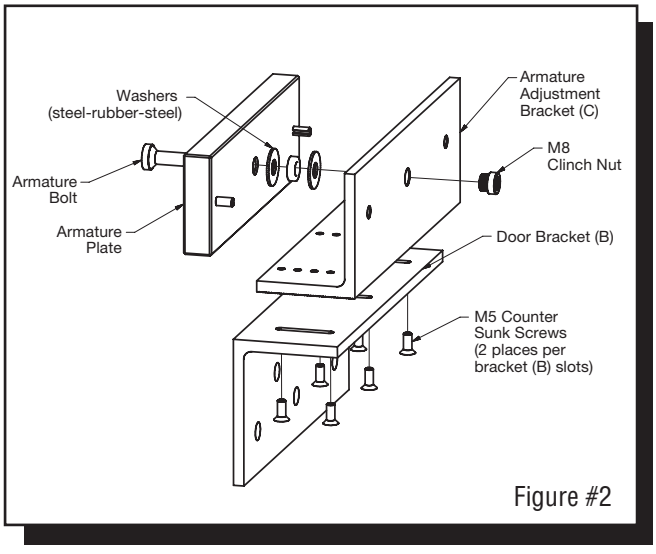

Figure #2

Note: Figures are not to scale.

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