

PLEASE READ BEFORE INSTALLATION

Familiarize yourself with the gate and post conditions prior to installation. The lock must rigidly mount to the gate post. The armature is designed to pivot slightly to compensate for reasonable misalignment. Due to the wide diversity of gate designs custom mounting brackets may be necessary to facilitate the installation. A DynaLock universal Gate Lock Bracket ("GLB" Option) is available to accommodate the majority of gate applications and may be purchased separately.

HANDLING

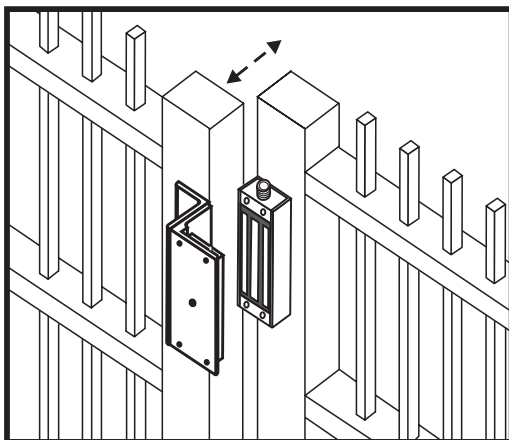
The Electromagnetic lock and armature are ruggedly constructed and designed to provide years of trouble-free service. Care must be taken during installation and use to keep the lock face and armature face free from dirt, rust, burrs, paint, or any other obstruction which may interfere with the lock and armature making good contact.

MAINTENANCE

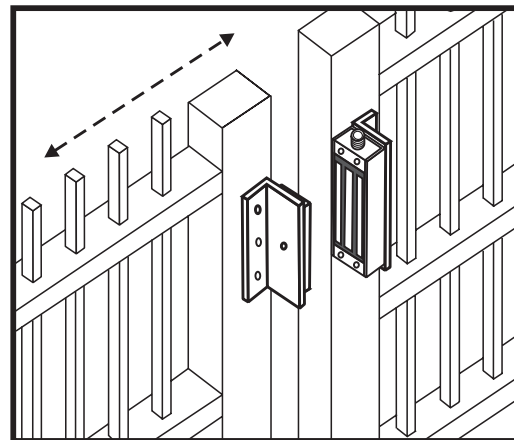
The lock assembly and gate armature have been plated for maximum corrosion resistance. To ensure peak performance clean the lock and armature faces with a mild detergent and a clean, soft cloth, then apply a light coat of WD40 to lubricate and protect these surfaces. This need only be done when dirt build-up is noticed.

GENERAL MOUNTING INFORMATION**SWING GATE**

Typical installation depicting the #2013 lock mounted to the vertical gate post. The armature is mounted to the gate using the adjustable Gate Lock Bracket ("GLB" Option), available from DynaLock.

**SLIDE GATE**

Typical installation depicting the use of "L" brackets custom-fabricated to suit the gate. The #2013 lock is mounted to the vertical gate post. The armature is mounted to the leading edge of the gate.



MOUNTING PREPARATION

1. SURVEY THE INSTALLATION

Inspect the gate and determine if supplemental brackets and/or special mounting hardware will be required for installation (refer to page 1 "General Mounting Information"). If you are using the optional Dynalock Gate Lock Bracket refer to the instructions furnished with the bracket for specific installation information. Fabricate/procure custom bracket(s), hardware, and/or attachments as necessary.

2. PREPARE THE GATE POST FOR MOUNTING THE GATE LOCK ASSEMBLY

Determine the desired location for mounting the 2013 Gate Lock assembly on the gate post. Orient the end of the lock with the 3/4" threaded conduit fitting relative to the location of electrical hook-up wiring.

If you are mounting the lock assembly directly to the post, locate, mark, and drill four (4) 9/64" dia. mounting screw holes as per Fig. "A" on page 3. If using an intermediate bracket to affix the lock assembly to the post, prep the mounting screw holes accordingly.

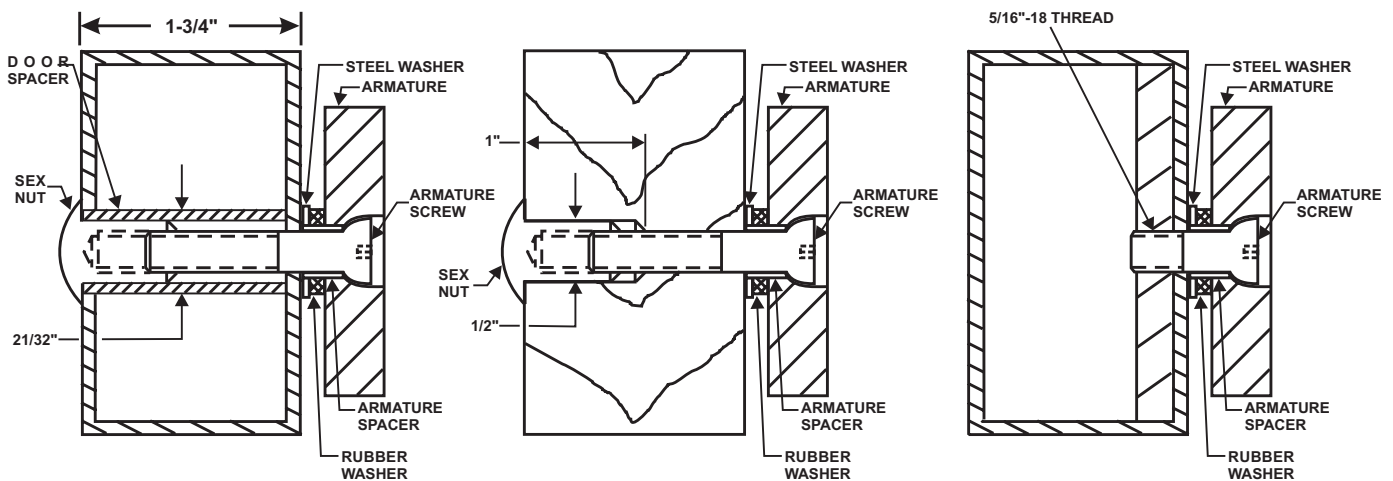
3. PREPARE THE GATE FOR ARMATURE MOUNTING

From the three illustrations below, select the one that resembles your gate type and follow the instructions for drilling the armature mounting screw hole. Drill two (2) 1/4" dia. holes 9/16" deep at the anti-spin pin locations (see Fig. "B" on page 3).

If an intermediate bracket will be used to affix the armature to the gate, prep the armature mounting and anti-spin pin holes on the bracket accordingly.

4. MOUNTING THE ARMATURE

Locate the two 3/16" dia. anti-spin pins from the hardware kit. Place the armature face-down on a soft surface (i.e. the shipping carton) and drive the anti-spin pins into the holes provided. Refer to the illustrations below to select the correct mounting hardware and mount the armature. Firmly tighten the armature mounting screw with a 3/16" hex wrench. **Failure to properly secure the armature to the gate could result in serious injury or possible security breach.**



HOLLOW TUBE GATE

Drill an 11/32" diameter hole through gate. From sex nut side only enlarge the 11/32" hole to 21/32" diameter.

SOLID CORE GATE

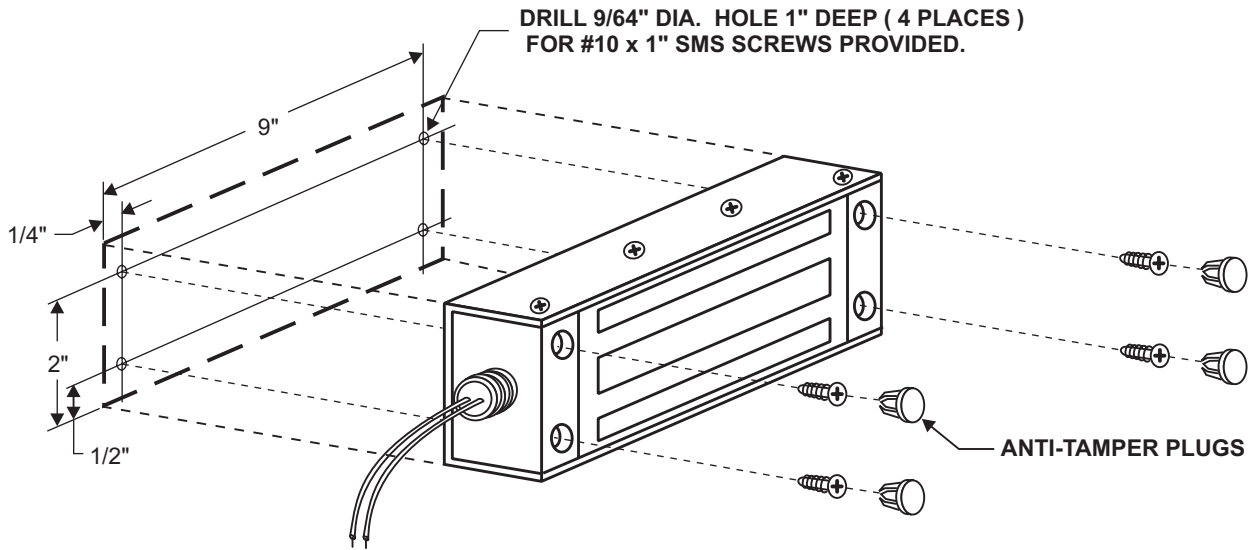
Drill an 11/32" diameter hole through gate. From sex nut side only drill 1/2" diameter hole to 1" depth.

REINFORCED TUBE GATE

Drill an 17/64" diameter hole and tap for 5/16"-18 thread.

INSTALLATION

Figure "A" - Magnet Assembly



5. MOUNTING THE MAGNET

Using a phillips head screw driver mount the magnet assembly to the gate with the four #10 x 1" self-tapping screws provided. Install the anti-tamper plugs over the mounting screws with a soft mallet.

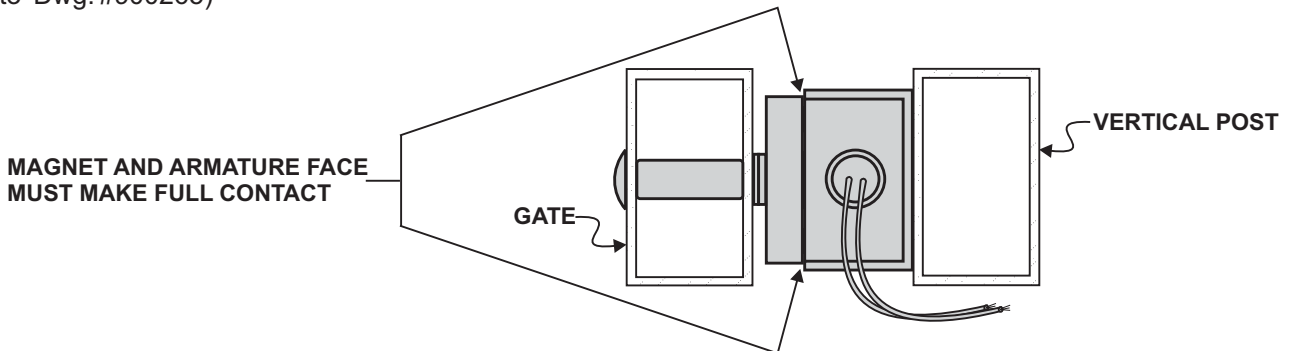
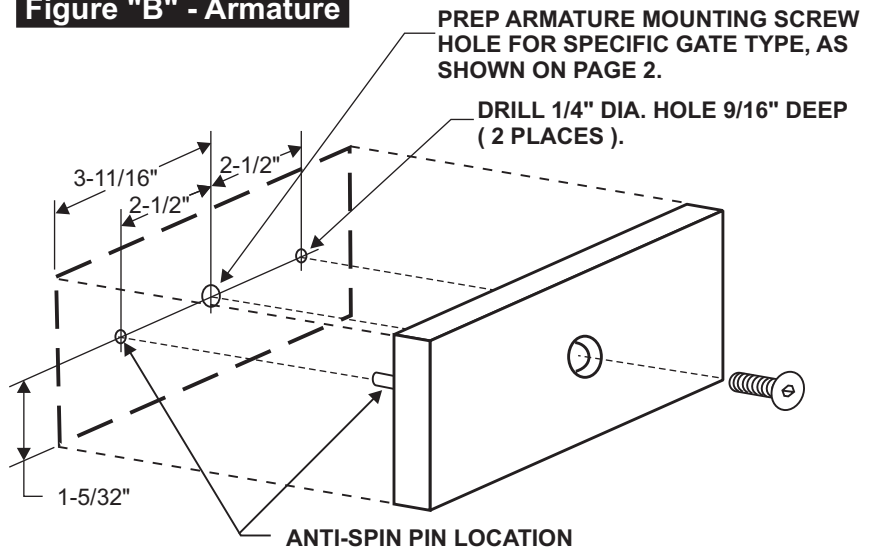
6. VERIFY PROPER ALIGNMENT

Close the gate and verify the lock face and armature are making full contact for the entire armature length. Make corrective adjustments as necessary.

7. COMPLETION

The mechanical installation is now complete. Refer to separate wiring instructions for electrical hook-up. (Refer to Dwg. #900265)

Figure "B" - Armature



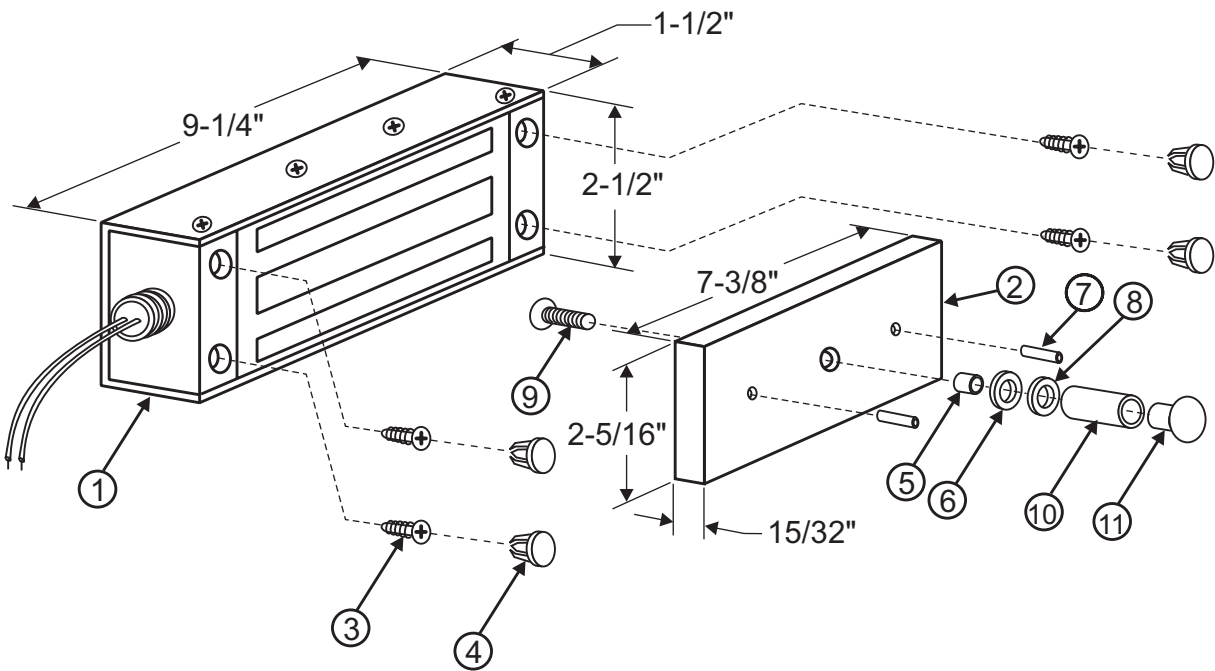
TOP VIEW OF 2013 GATE LOCK ASSEMBLY FOR A TYPICAL SLIDING GATE

2013 BILL OF MATERIAL

- | | |
|---|---|
| 1 - Mounting Instructions | 1 - Armature |
| 1 - Wiring Instructions | 1 - Armature Bolt assembly consisting of: |
| 1 - Electromagnetic Gate Lock | 1 - 5/16-18 x 2" Hex flat head machine screw. |
| 1 - Hardware Kit consisting of: | 1 - 5/16-18 Sex Nut |
| 4 - #10 x 1" Phillips Flat Head self-tapping screws | 1 - 1-11/16" long Door Spacer |
| 4 - Anti-tamper Plugs | |
| 1 - 1/4" long Armature Spacer | |
| 1 - 1/4" thick Rubber Washer | |
| 1 - 1/8" thick Steel Washer | |
| 2 - 3/16" x 3/4" long Anti-spin Pins | |

TOOLS REQUIRED

- 1 - Electric Drill
- 1 - #2 Phillips Head Screw Driver
- 1 - Soft-faced Mallet
- 1 - 3/16" Hex Wrench
- 1 - 11/32" Drill Bit
- 1 - 21/32" Drill Bit
- 1 - 17/64" Drill Bit
- 1 - 9/64" Drill Bit
- 1 - 1/4" Drill Bit
- 1 - Hammer
- 1 - Center Punch
- 1 - Pencil



DESCRIPTION

1. Magnet Assembly
2. Armature
3. Mounting Screw
4. Anti-tamper Plug
5. Armature Spacer
6. Rubber Washer
7. Anti-spin Pin
8. Steel Washer
9. Armature Bolt
10. Door Spacer
11. Sex Nut

PART NUMBER

- Consult Factory
- #300013
- Hardware Kit
- Part #300759
- Sub-Assembly
- Part #300628

2013

EXPLODED VIEW