This installation guide is for left-hand charge. If your grille has a right-hand charge, please adjust installation of endplates accordingly.

Please refer to drawing for proper orientation.
# Index

## Supports and Endplate Installation

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**SAFETY WARNING**

- Only trained door installation technicians should install, reset or perform maintenance.
- All electrical connections are to be performed by qualified individuals and must conform to local codes.
- Door is under spring tension and can cause serious injury or death. Please take proper safety measures when adjusting tension.
- Dynamic Closures is not responsible for an improperly installed door assembly.
# MOUNTING OPTION

## BETWEEN LIFT READY ALUMINUM ANGLES

## RECOMMENDED FASTENERS

<table>
<thead>
<tr>
<th>TYPE OF CONSTRUCTION TO WHICH FASTENER EMBEDS</th>
<th>TYPE OF FASTENERS TO USE</th>
<th>HOLE SIZE (DRILL DIA.)</th>
<th>TAP SIZE (IF REQ'D)</th>
<th>DEPTH OF HOLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>Ø3/8” X 2” LAG BOLT</td>
<td>Ø 3/16”</td>
<td></td>
<td>1-1/2” MAX</td>
</tr>
<tr>
<td></td>
<td>Ø1/2” X 3” LAG BOLT</td>
<td>Ø 5/16”</td>
<td></td>
<td>2-1/2” MAX</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>Ø3/8” X 2-1/8” WEDGE ANCH.</td>
<td>Ø3/8” CARBIDE</td>
<td></td>
<td>1-5/8” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø1/2” X 2-3/4” WEDGE ANCH.</td>
<td>Ø1/2” CARBIDE</td>
<td></td>
<td>2-1/4” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø5/8” X 3-1/2” WEDGE ANCH.</td>
<td>Ø5/8” CARBIDE</td>
<td></td>
<td>2-7/8” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø3/4” X 4-1/4” WEDGE ANCH.</td>
<td>Ø3/4” CARBIDE</td>
<td></td>
<td>3-1/2” MIN</td>
</tr>
<tr>
<td>MASONRY OR BRICK</td>
<td>Ø5/8” X 2-1/4” SLEEVE ANCH. (Ø1/2” BOLT)</td>
<td>Ø5/8”</td>
<td></td>
<td>2” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø3/4” X 2-1/2” SLEEVE ANCH. (Ø5/8” BOLT)</td>
<td>Ø3/4”</td>
<td></td>
<td>2” MIN</td>
</tr>
<tr>
<td>STEEL</td>
<td>Ø3/8” BOLT</td>
<td>Ø5/16”</td>
<td>3/8”-16UNC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ø1/2” BOLT</td>
<td>Ø27/64”</td>
<td>1/2”-13UNC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ø5/8” BOLT</td>
<td>Ø17/32”</td>
<td>5/8”-11UNC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ø3/4” BOLT</td>
<td>Ø21/32”</td>
<td>3/4”-10UNC</td>
<td></td>
</tr>
</tbody>
</table>

## PARTS LIST

- **Idler Bracket** (x1)
- **Charge Bracket** (x1)
- **Bracket Bolt 1/2-13x1-1/2** (x4)
- **Bracket Washer** (x4)
- **Bracket Nut 1/2-13** (x4)
- **Guide screw R2 Pan #10x3/4” Sheet Metal Screws** (x20)
- **Aluminum Angles** (x2)
- **Door Guides** (x2)
Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides + 1/4”). Mark location with plumb lines.

** NOTICE:** Angles must be plumb and level with each other. If the angles are not plumb and levelled, the gate may not operate properly. This may cause one of the angles to NOT sit on the floor, if floor is not level.
Mark and drill holes and fasten angles to surface using appropriate fasteners (Not provided. See the Recommended Fastener chart on page 2).

Align angle to plumb line with angle running away from the opening.

Align angle to plumb line with angle running towards the opening.

Measure and level angle heights. The full height measurement can be found on the drawing.

Place end with two 1/2” bracket holes up.

2” side of angles to be placed onto mounting surface.
2. BRACKET PLATE INSTALLATION

Z INSTALLATION

E INSTALLATION

3. GUIDE INSTALLATION

Z INSTALLATION

E INSTALLATION

PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION
### MOUNTING OPTION

#### BETWEEN STEEL ANGLES

#### RECOMMENDED FASTENERS

<table>
<thead>
<tr>
<th>Type of Construction</th>
<th>Type of Fasteners to Use</th>
<th>Hole Size (Drill Dia.)</th>
<th>Tap Size (if Req’d)</th>
<th>Depth of Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>Ø3/8” X 2” LAG BOLT</td>
<td>Ø3/16”</td>
<td>—</td>
<td>1-1/2” MAX</td>
</tr>
<tr>
<td></td>
<td>Ø1/2” X 3” LAG BOLT</td>
<td>Ø5/16”</td>
<td>—</td>
<td>2-1/2” MAX</td>
</tr>
<tr>
<td>Concrete</td>
<td>Ø3/8” X 2-1/8” WEDGE ANCH.</td>
<td>Ø3/8” CARBIDE</td>
<td>—</td>
<td>1-5/8” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø1/2” X 2-3/4” WEDGE ANCH.</td>
<td>Ø1/2” CARBIDE</td>
<td>—</td>
<td>2-1/4” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø5/8” X 3-1/2” WEDGE ANCH.</td>
<td>Ø5/8” CARBIDE</td>
<td>—</td>
<td>2-7/8” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø3/4” X 4-1/4” WEDGE ANCH.</td>
<td>Ø3/4” CARBIDE</td>
<td>—</td>
<td>3-1/2” MIN</td>
</tr>
<tr>
<td>Masonry or Brick</td>
<td>Ø5/8” X 2-1/4” SLEEVE ANCH. (Ø1/2” BOLT)</td>
<td>Ø5/8”</td>
<td>—</td>
<td>2” MIN</td>
</tr>
<tr>
<td></td>
<td>Ø3/4” X 2-1/2” SLEEVE ANCH. (Ø5/8” BOLT)</td>
<td>Ø3/4”</td>
<td>—</td>
<td>2” MIN</td>
</tr>
<tr>
<td>Steel</td>
<td>Ø3/8” BOLT</td>
<td>Ø5/16”</td>
<td>3/8”-16UNC</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Ø1/2” BOLT</td>
<td>Ø27/64”</td>
<td>1/2”-13UNC</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Ø5/8” BOLT</td>
<td>Ø17/32”</td>
<td>5/8”-11UNC</td>
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</tr>
<tr>
<td></td>
<td>Ø3/4” BOLT</td>
<td>Ø21/32”</td>
<td>3/4”-10UNC</td>
<td>—</td>
</tr>
</tbody>
</table>

Angles provided with 3/8” holes. Should a larger fastener be needed, drill out the hole as required.

### PARTS LIST

- **Idler Bracket**  (x1)
- **Charge Bracket**  (x1)
- **Door Guides**  (x2)
- **Steel Angles**  (x2)
- **Bracket Bolt 1/2-13 x 1-1/2**  (x4)
- **Bracket Washer**  (x4)
- **Bracket Nut 1/2-13**  (x4)
- **Guide Washer**  (x20)
- **Guide Nut #10-24**  (x20)
- **Guide Screw R2 Flat #10-24 X 1**  (x20)
STEEL ANGLE INSTALLATION

**E INSTALLATION**

Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides + 1/4"). Mark location with plumb lines.

**Z INSTALLATION**

Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides). Mark location with plumb lines.

**NOTICE:** Angles must be plumb and level with each other. If the angles are not plumb and levelled, the gate may not operate properly. This may cause one of the angles to NOT sit on the floor, if floor is not level.
Measure and level angle heights. The full height measurement can be found on the drawing.

2" side of angles to be placed onto mounting surface.

Place end with two 1/2" bracket holes up.

Align angle to plumb line with angle running away from the opening.

Align angle to plumb line with angle running towards the opening.

Mark hole locations.

Drill marked holes and fasten angles to surface using appropriate fasteners (Not provided. See the Recommended Fastener chart on page 2).
2. **Bracket Plate Installation**

**Z Installation**

**E Installation**

---

3. **Guide Installation**

**Z Installation**

**E Installation**

---

Please proceed to page 19 for curtain installation.
# MOUNTING OPTION BETWEEN JAMB

## RECOMMENDED FASTENERS

### TABLE 1 GUIDES

<table>
<thead>
<tr>
<th>TYPE OF CONSTRUCTION TO WHICH FASTENER EMBED</th>
<th>TYPE OF FASTENER TO USE</th>
<th>HOLE SIZE (DRILL DIAMETER)</th>
<th>TAP SIZE (IF REQUIRED)</th>
<th>DEPTH OF HOLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>#10 X 2” WOOD SCREW (PROVIDED)</td>
<td>Ø 1/8”</td>
<td></td>
<td>1-½” MAX</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>#10 X 1-½” WOOD SCREW WITH #10 PLASTIC SHIELD</td>
<td>Ø 1/4” CARBIDE</td>
<td></td>
<td>1-½” MAX</td>
</tr>
<tr>
<td>STEEL</td>
<td>Ø ¾” BOLT</td>
<td>#7</td>
<td>¼”-20 UNC</td>
<td></td>
</tr>
<tr>
<td>HOLLOW METAL</td>
<td>3/8-20 SELF DRILLING AND TAPPING SCREW</td>
<td>Ø 13/64”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TABLE 2 BRACKETS

<table>
<thead>
<tr>
<th>TYPE OF CONSTRUCTION TO WHICH FASTENER EMBED</th>
<th>TYPE OF FASTENER TO USE</th>
<th>HOLE SIZE (DRILL DIAMETER)</th>
<th>TAP SIZE (IF REQUIRED)</th>
<th>DEPTH OF HOLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>Ø⅜ x 3” LAG BOLT</td>
<td>Ø5/16”</td>
<td></td>
<td>2- ½” MAX.</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>Ø⅜” X 2- ¾” WEDGE ANCH.</td>
<td>Ø½” CARBIDE</td>
<td></td>
<td>2- ¾” MIN.</td>
</tr>
<tr>
<td></td>
<td>Ø⅜” X 3” EXP. SHIELD W/ Ø ¾” FHMS</td>
<td>Ø½” CARBIDE</td>
<td></td>
<td>3” MIN.</td>
</tr>
<tr>
<td>STEEL</td>
<td>Ø⅜” BOLT</td>
<td>Ø 27/64”</td>
<td>½”-13UNC</td>
<td></td>
</tr>
<tr>
<td>MASONRY OR BRICK</td>
<td>Ø⅜” X 2-¾” SLEEVE ANCH. (Ø 3/8” BOLT)</td>
<td>Ø⅜”</td>
<td></td>
<td>2” MIN.</td>
</tr>
</tbody>
</table>

### PARTS LIST

- Door Guides (x2)
- Guide Screw #10 (x20)
- Charge Clip (x1)
- Idler Bracket (x1)
- Charge Bracket (x1)
Check width and height of opening.

Center and level guides on door line. Use screws provided in predrilled holes to secure guide.

#2 Square

PREDRILLED HOLES (Number of holes varies)
NOTE: Bracket for charge side has a “T” slot on the side.

NOTE: It is important to level bracket plates for door to function properly.

Install the Charge Clip now. (See page 21 for charge clip installation)
For ease of barrel installation, tape clip near top of “T” slot. Remove tape after barrel is installed.

Place bracket against jamb on top of guide and align bracket holes with the center of the guide. Mark and drill holes.

NOTE: If installing a fascia, install fascia mounting brackets at this point. To be installed on the inside of the bracket plates.
MOUNTING OPTION
BETWEEN TELESCOPIC TUBES

PARTS LIST

Idler Bracket  
(x1)

Charge Bracket  
(x1)

Door guides  
(x2)

Telescopic Tubes  
(x2)

Floor base angle  
(x2)

Concrete anchor bolt  
(x4)

Endplate Spacer  
(x6)

Guide Screw #10  
(x 20)

Nut spring  
(x2)

Adapter bit  
(x1)

Tube template  
(x2)

Bracket Bolt  
1/2 - 13 x 2 1/4”  
(x4)

Washer  
(x6)
1. **TELESCOPIC TUBE FLOOR BASE ANGLES**

   **NOTE:** Floor base angles must be square to one another.

   Measure location of front-of-tube to front-of-tube and compare drawing.

   - **DOOR LINE**
   - **X**

   ALUMINUM TUBE TEMPLATE
   
   FLOOR BASE ANGLE

   Mark location of installation holes on floor base angle with template provided. Make sure marks are square.

   Drill 1/8” pilot hole. Finish with 3/8” bit. Install floor base angles with 3/8” anchor bolts (x2 each).

2. **TELESCOPIC TUBE INSTALLATION**

   Place aluminum tubes floor base angles.

   Secure tube to angle using 1/2” bolt.

   **NOTE:** Install one telescopic tube at a time. Tube must be secure at bottom and top before installing the second tube.

   Inside channel may need to be loosened and pulled up if it impedes the installation of the telescopic tube to the floor base angle.

   (See Step 3)
3 SECURING TELESCOPIC TUBES

Loosen bolts. Press bolts in to release channel.

WARNING: Do not remove bolts.

Extended channel to structure above. Secure using method appropriate to structure materials.

Tighten bolts to secure Telescopic Tubes.

RETURN TO STEP 2 FOR SECOND TUBE

4 BRACKET PLATE INSTALLATION

NOTE: Bracket for charge side has a "T" slot on the side.

Insert nut/spring into channel (x2) above aluminum post. Push nut in and turn to hold in place.
GUIDE INSTALLATION

Line up guide with grooves on telescoping tubes.

Use drive screws in predrilled holes with bit provided to secure guide.

Check bracket plates for level and adjust if necessary. Tighten bolts.

NOTE: If installing a fascia, install fascia mounting brackets at this point. To be installed on the inside of the bracket plates.

Place bracket over endplate spacers (x3) and nut/spring and thread bolts (x2) tight enough to hold bracket but loose enough to move up and down. Repeat for other side.

PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION
MOUNTING OPTION

PARTS LIST

Bracket Bolt 1/2-13x4" (x4)

Washer (x6)

Floor base angle (x2)

Concrete anchor bolt (x4)

Idler Bracket (x1)

Charge Bracket (x1)

Door guides (x2)

Steel Tubes (x2)

Nut 1/2 x 13 (x4)

Guide Screws #10 (x20)

Base Mounting Screws 1/4 x 20 x 1" (x4)

Adapter bit (x1)
Using a concrete drill bit, drill 1/8 in. pilot hole. Finish with 3/8 in. bit. Install floor base angles (shim to level if necessary) with 3/8 in. anchor bolts (x2 each). Place steel tubes over floor base angles. NOTE: Floor base angles must be square to one another.
GUIDE INSTALLATION

BRACKET PLATE INSTALLATION

- INSTALLATION INSTRUCTIONS

CHARGE SIDE

NOTE: Bracket for charge side has a "T" slot on the side.

COIL SIDE

Place bracket over predrilled holes and insert and tighten 4in. bolt (supplied). Repeat for other side.

Line up predrilled holes in guide with the predrilled holes in mounting surface and fasten with provided screws.

GUIDE CENTER LINE

NOTE: If installing a fascia, install fascia mounting brackets at this point. To be installed on the inside of the bracket plates.

PREDRILLED HOLES (Number of holes varies)

SUPPLIED BIT

Use drive screws in predrilled holes with bit provided to secure guide.

PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION
CURTAIN INSTALLATION

PARTS LIST

- Curtain (x1)
- Handle (x1)
- Idler Barrel Assembly (x2)
- Charge Clip (x1)
- Keys (x2)
- Key (for keyway) (x1)
- Shaft Locks (x2)
- Top Stop Screw 1/4 - 20 x 1/2 (x8)
- Pull hook (x1)
- Handle Screws (x2)
- Top Stops (x4)
- Handle Screws (x2)
- Handle Screws (x2)
- Top Stops (x4)

PACKAGING REMOVAL

Safely remove exterior straps.

REMOVE ALL CARDBOARD PACKING TUBES, LEAVING THE BOTTOM CENTER TUBE IN PLACE.
**Barrel Assembly Installation**

Place bearing ring onto shaft.

Lift barrel/curtain/bottom bar with lifting device. Line up shaft ends with bracket plates. Drop in place.

Check Bearing Ring location.

Zero Clearance option for bearing assembly

**NOTE:** Door must be balanced on lifting device to avoid tipping. The center of gravity will be closer to the charge side.
**NOTE:** Charge arm must be on inside of bracket plate to engage charge sprocket.

**INSTALL SHAFT LOCK**

- Place shaft lock insert into bracket plate.
- Shaft lock insert should sit flat against notch in bracket plate.
- Fasten with 3/8 x 16 x 1 bolts and 3/8 lock washers
4 CHARGE CLIP INSTALLATION

NOTE: Longer side of charge clip is bottom.

Insert charge clip to engage charge sprocket.

5 LOWERING BOTTOM BAR

Cut straps and remove packaging to release bottom bar.

CAUTION: Curtain is now loose. Keep lifting device under bottom bar to hold up.

Slowly lower lifting device, feeding bottom bar and curtain into guides until bottom bar is in top position.
CHARGING STEPS

- Push charging arm in to engage charge sprocket teeth.
- Charging arm has an oblong hole to engage and disengage teeth.
- Insert 1/2 in. rod into charging arm and rotate up. Sticker on Charge Bracket will indicate number of turns for charge.
- Pull down on charge arm. You should feel resistance as you add charge.
- Charge Clip will move up and down as it engages teeth on charge sprocket.
- Push charging arm in to engage charge sprocket teeth. Charging arm has an oblong hole to engage and disengage teeth.

TO REMOVE CHARGE: Put pressure on charging arm to remove tension from charge clip. Hold charge clip up and allow charge wheel teeth to rotate counterclockwise. Drop charge clip back down to engage teeth.

CAUTION: When adding charge, make sure charge clip is fully in the down position to lock the charge sprocket.

CAUTION: A charged spring is under high tension. Always use caution around door components once charge is applied.
Pull/push bottom bar down to floor to test door. Door should operate smoothly. Add or remove charge if necessary.

**LOCKING**

1. Pull door down to comfortable level (chest high)
2. Turn lever down counterclockwise.
3. Turn key clockwise until it stops turning. Remove key.

**CAUTION:** LEVER IS SPRING LOADED AND MAY POP UP ON IT’S OWN.

**UNLOCKING**

1. Turn key counterclockwise until it stops.
2. Turn lever clockwise into unlocked position.

**CAUTION:** LEVER IS SPRING LOADED AND MAY POP UP ON IT’S OWN.

Lift door up to ceiling.
Use the controller to lower and raise the door. Door should operate smoothly.
Dynamic Closures Corporation

LIFT READY Two Year Limited Warranty

Dynamic Closures Corporation stands behind the group of products it supplies to its distributors and dealers who use these products in accordance with the recommended Dynamic Closures assembly procedures.

Although we provide detailed installation instructions with each Lift Ready system or other product, we are not responsible for assuring that these instructions are followed. We are not to be held liable for improper installation of our products. We are not responsible if our products are improperly used in applications not conforming to acceptable architectural and construction practices. Nor are we responsible when a defect results from use of a non-Dynamic Closures part with a Dynamic Closures product in assembly.

Dynamic Closures stands behind its products with a 24-month limited warranty on parts providing the recommended assembly, installation and maintenance procedures have been followed. If Dynamic Closures products fail to meet any claims in published literature or advertisements, within the 24-months after purchase time frame, we will furnish new components necessary to remedy the problem or refund the purchase price at our option. The motors that Dynamic Closures uses are covered by a 2-year limited warranty. Labor and consequential damages are not included in this warranty; any implied warranty of merchantability, are hereby expressly excluded.