



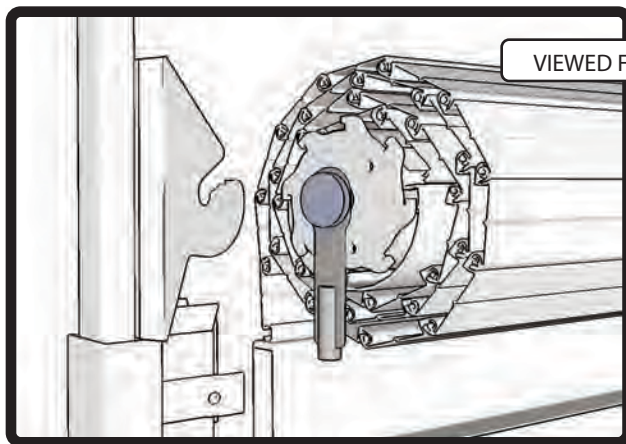
ASTA[®]AMERICA

BY JANUS INTERNATIONAL

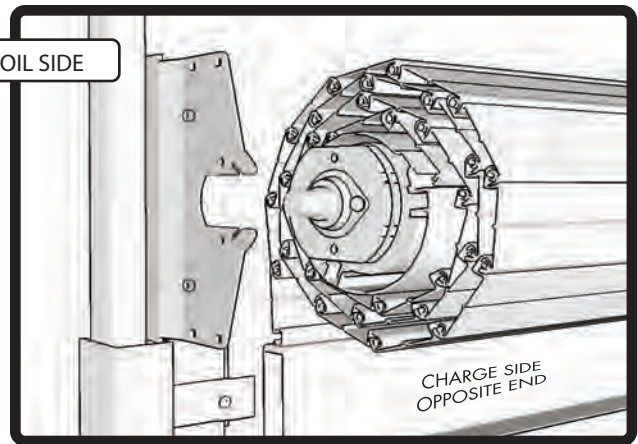
SERIES 800 ROLLING GRILLE

Installation Guide

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

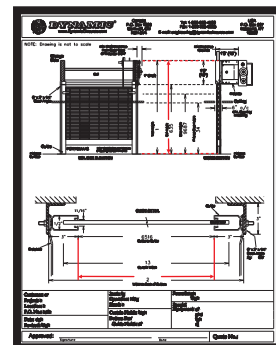


LEFT HAND CHARGE



RIGHT HAND CHARGE

Please refer to drawing for proper orientation.



Index

Supports and Endplate Installation

Between Aluminum Angles page 1

Between Steel Angles page 5

Between Jamb page 9

Between Telescopic Tubes page 12

Between Steel Tubes page 16

Curtain Installation page 19

SAFETY WARNING

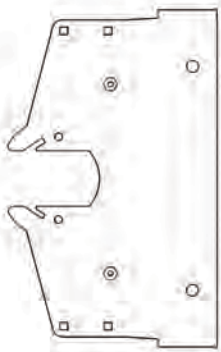
- Only trained door installation technicians should install, reset or perform maintenance.
- All electrical connections are to be performed by qualified individuals and must conform to local codes.
- Door is under spring tension and can cause serious injury or death. Please take proper safety measures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

MOUNTING OPTION BETWEEN SERIES 800 ALUMINUM ANGLES

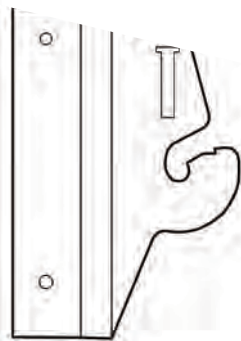
RECOMMENDED FASTENERS

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

PARTS LIST



Idler Bracket
(x1)



Charge Bracket
(x1)



Aluminum Angles
(x2)



Door Guides
(x2)



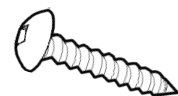
Bracket Bolt
1/2-13x1-1/2
(x4)



Bracket Washer
(x4)

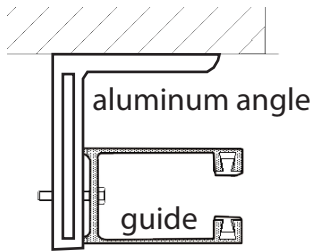


Bracket Nut
1/2-13
(x4)

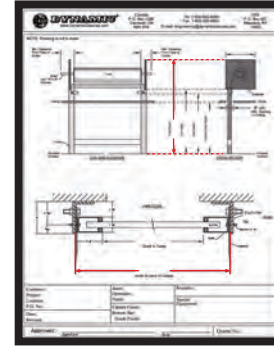
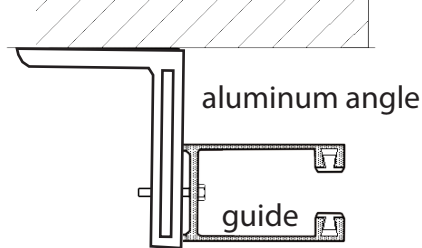


Guide screw R2 Pan
#10x3/4" Sheet Metal Screws
(x20)

E INSTALLATION



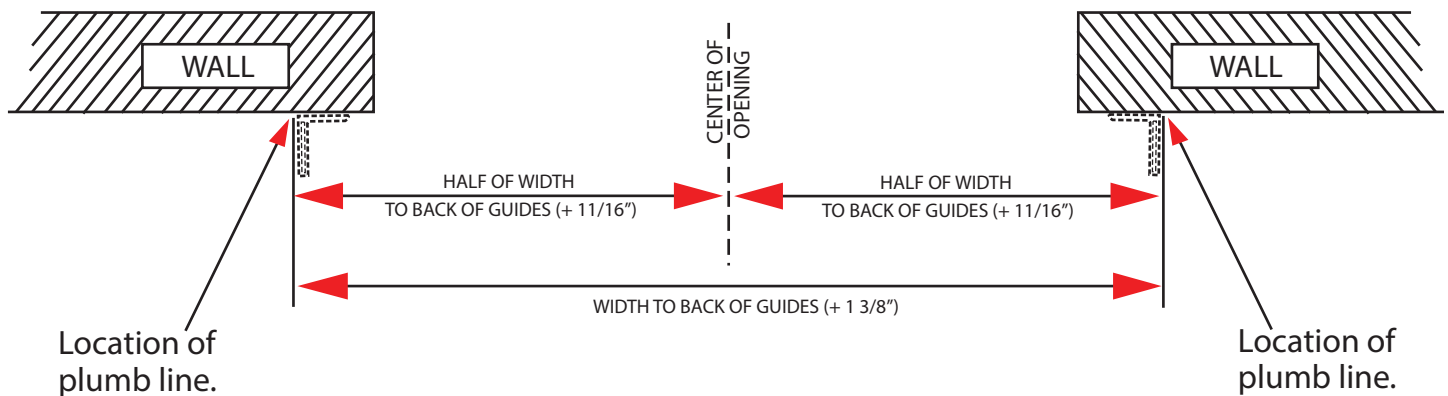
Z INSTALLATION



The Width to back of guides distance and total height, can be found on the drawings.

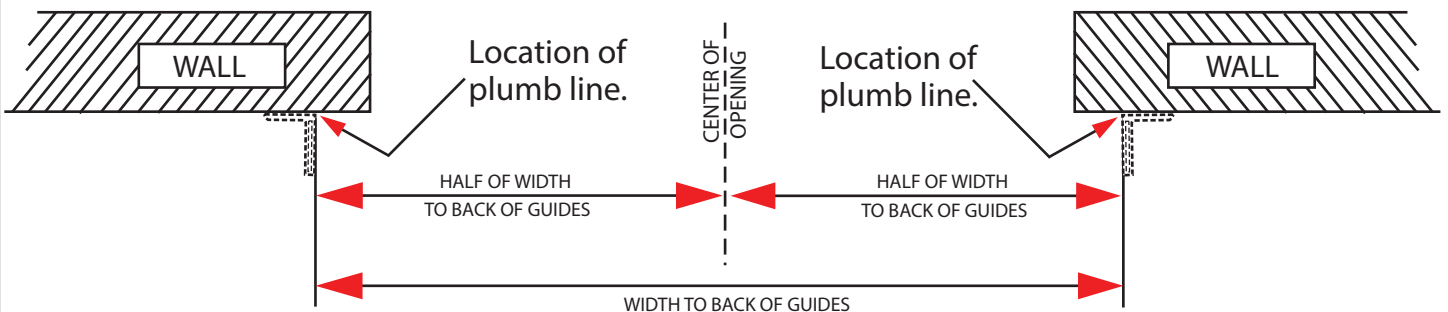
E INSTALLATION

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.

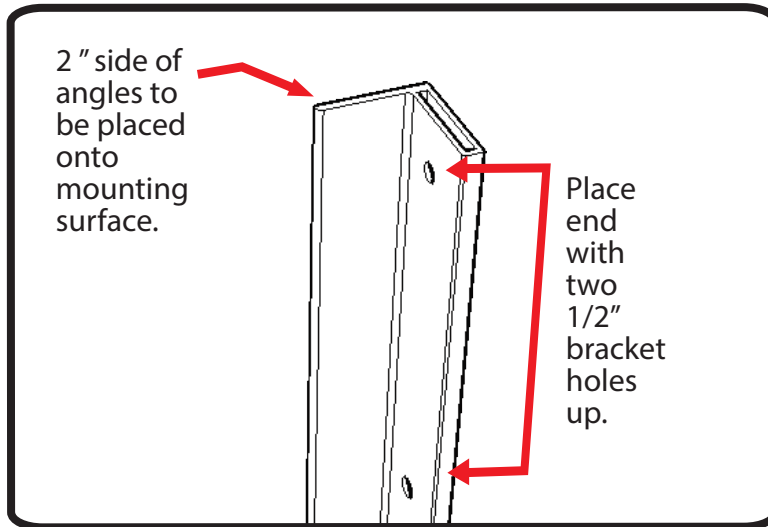
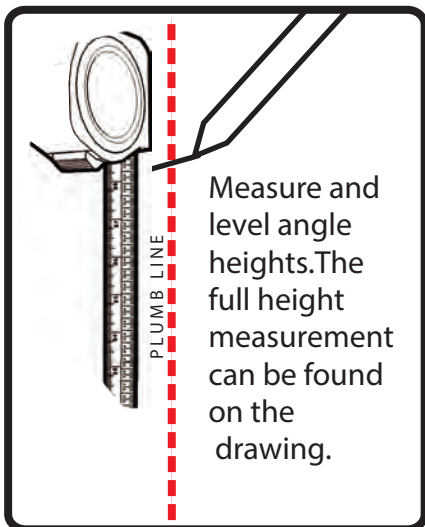


Z INSTALLATION

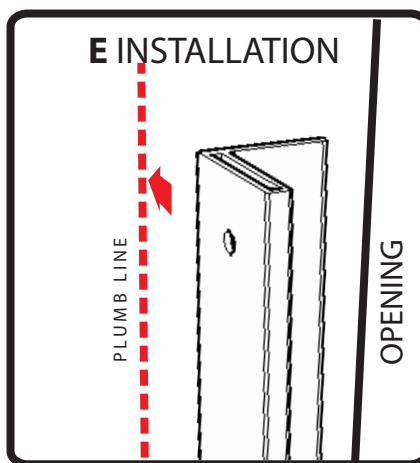
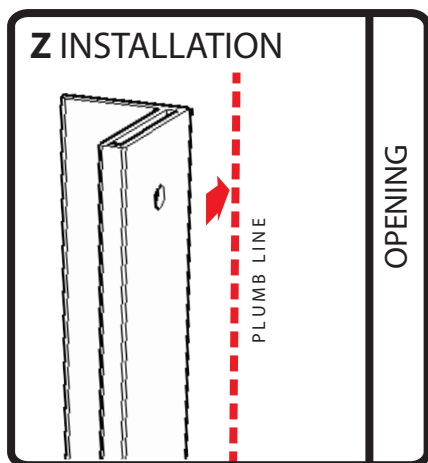
Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides). Mark location with plumb lines.



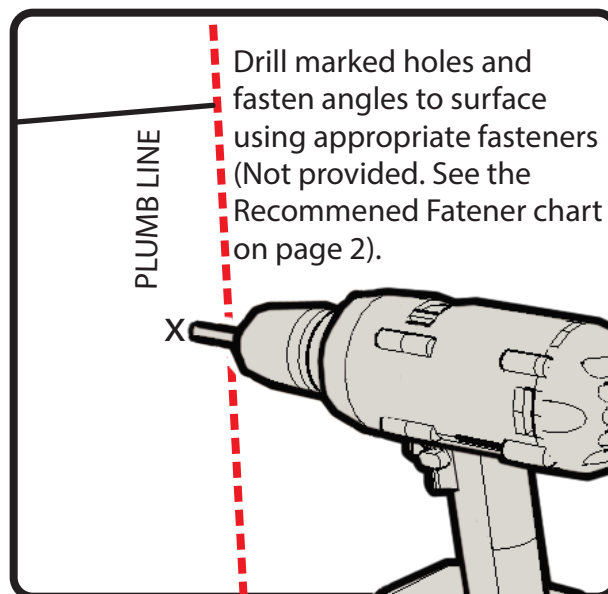
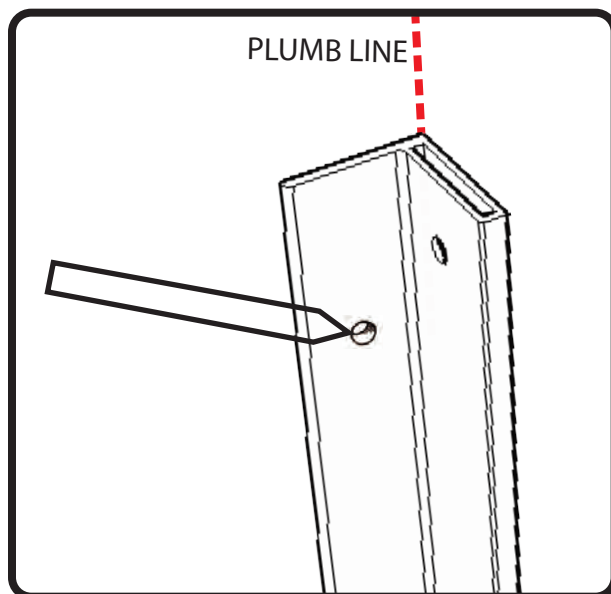
NOTICE: Angles must be plumb and level with each other. If the angles are not plumb and leveled, the gate may not operate properly. This may cause one of the angles to NOT sit on the floor, if floor is not level.



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



Align angle to plumb line with angle running towards the opening



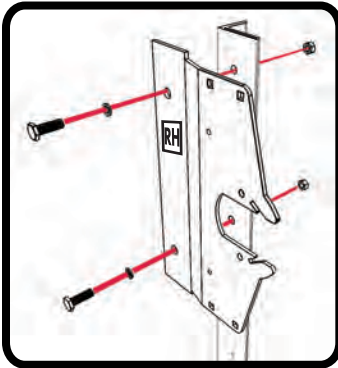
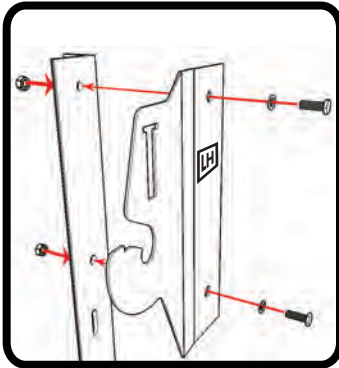
Drill marked holes and fasten angles to surface using appropriate fasteners (Not provided. See the Recommended Fastener chart on page 2).

Mark and drill holes and fasten angles to surface using appropriate fasteners (Not provided. See the Recommended Fastener chart on page 2).

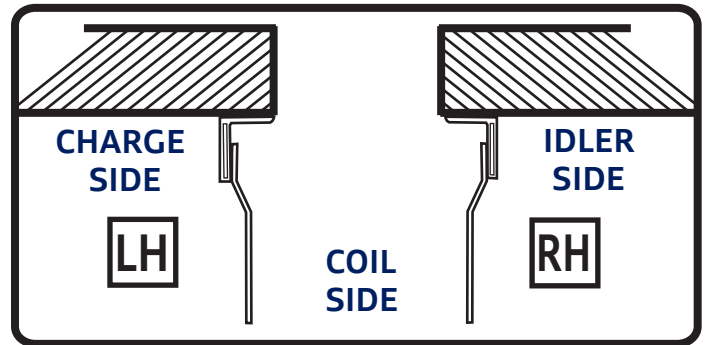
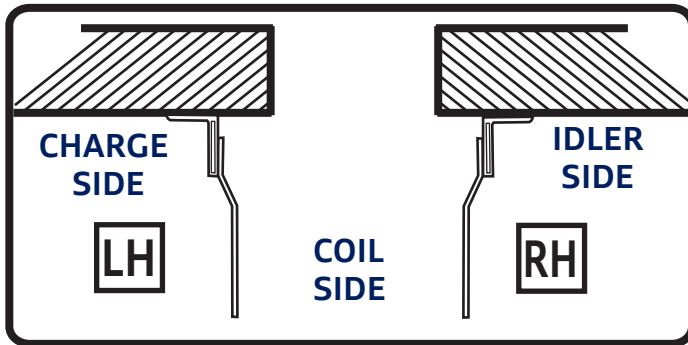
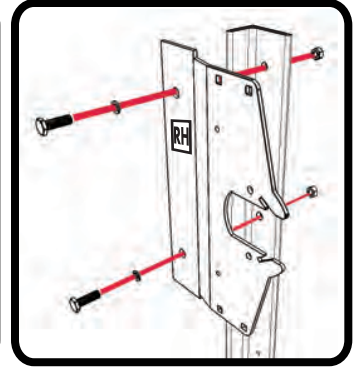
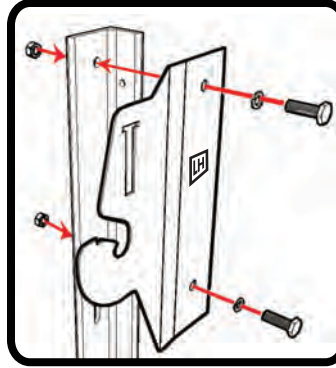
2

BRACKET PLATE INSTALLATION

Z INSTALLATION



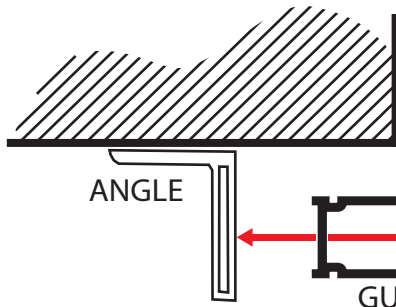
E INSTALLATION



3

GUIDE INSTALLATION

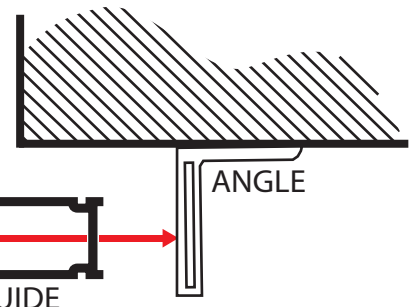
Z INSTALLATION



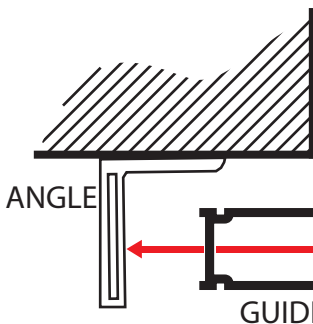
#10x3/4" screws



GUIDE



E INSTALLATION



#10x3/4" screws



GUIDE

PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION

MOUNTING OPTION

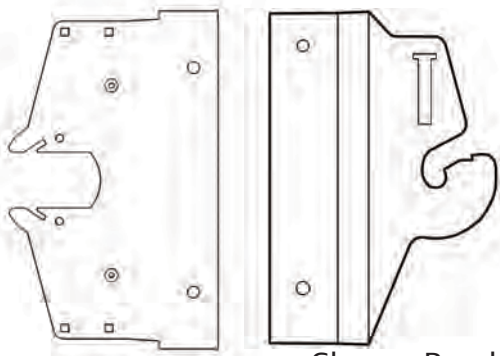
BETWEEN STEEL ANGLES

RECOMMENDED FASTENERS

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

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)



Bracket Bolt
1/2-13x1-1/2
(x4)



Bracket Washer
(x4)



Bracket Nut
1/2-13
(x4)



Door Guides (x2)



Steel Angles (x2)



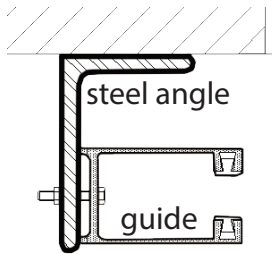
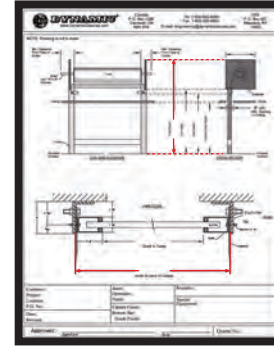
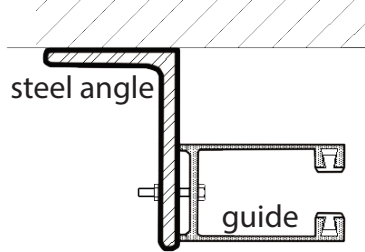
Guide Washer
(x20)



Guide screw
R2 Flat
#10-24x1
(x20)



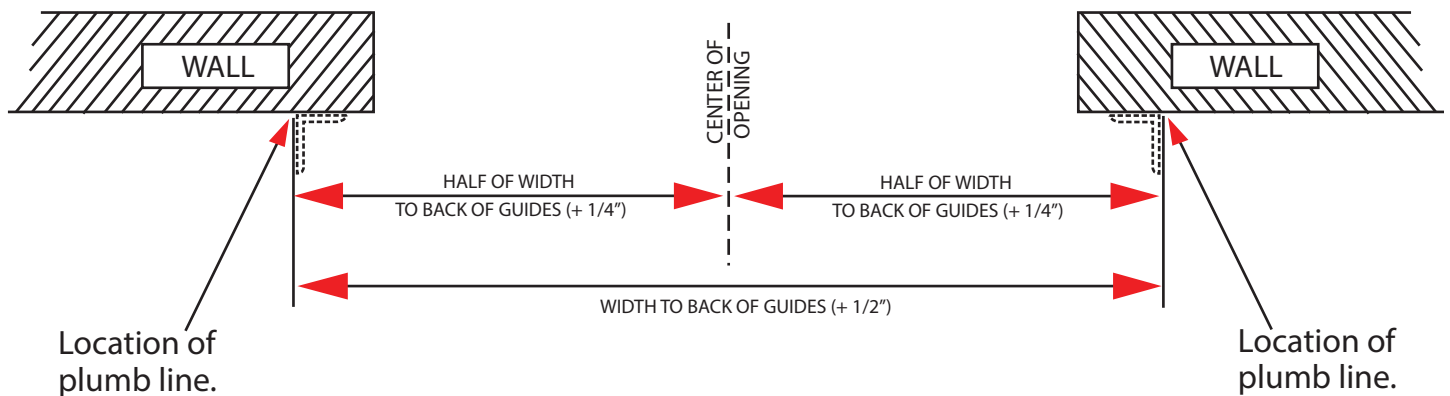
Guide Nut
#10-24
(x20)

E INSTALLATION**Z INSTALLATION**

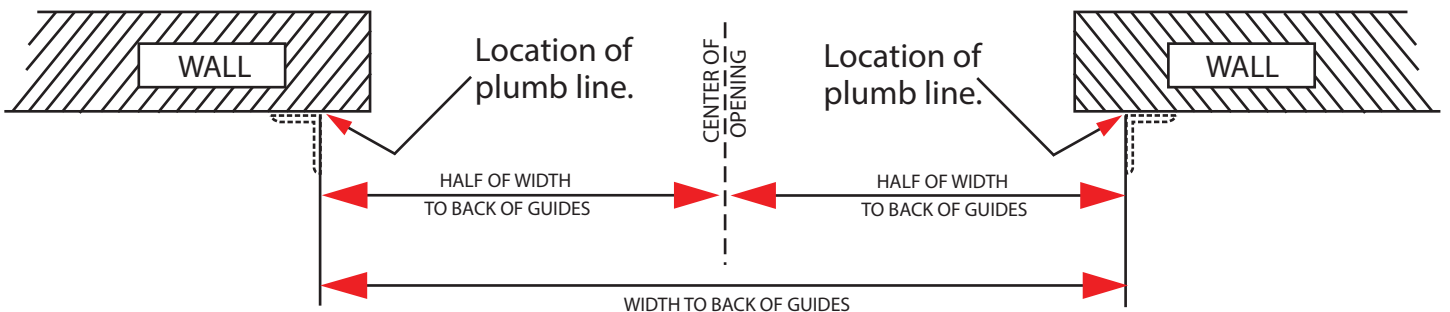
The Width to back of guides distance and total height, can be found on the drawings.

E INSTALLATION

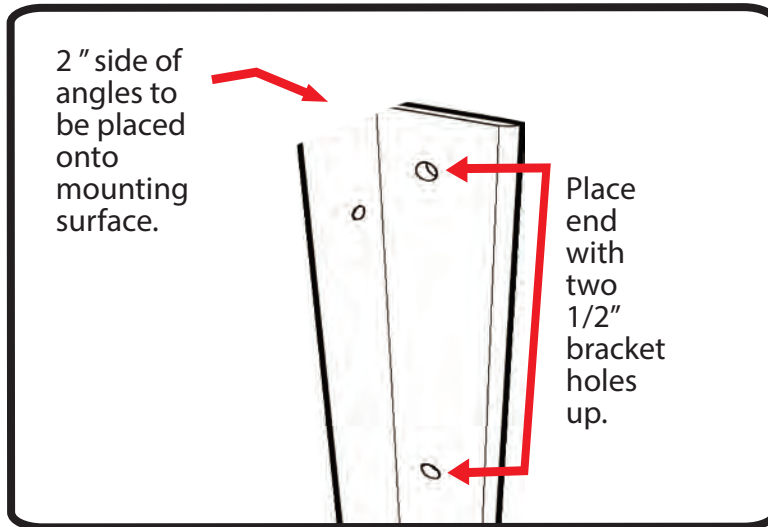
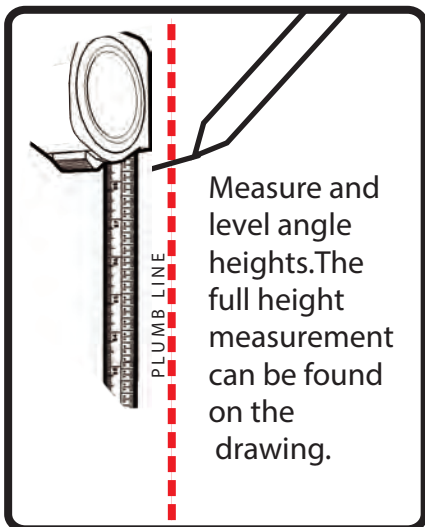
Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides + 1/4"). Mark location with plumb lines.

**Z INSTALLATION**

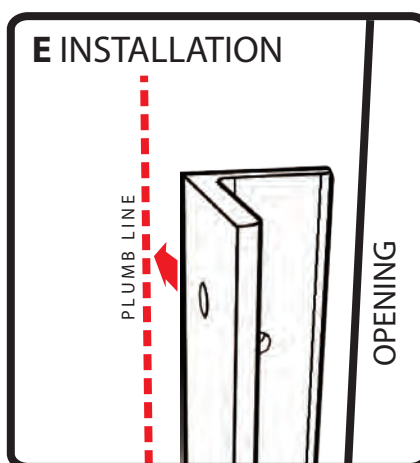
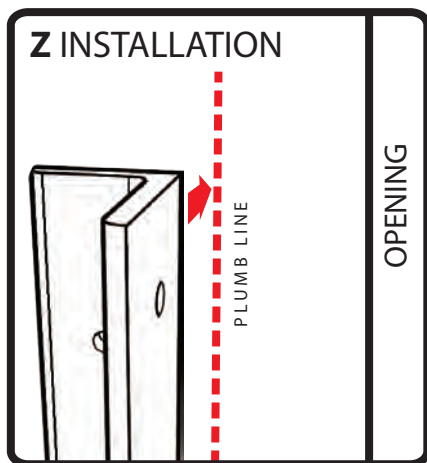
Locate center of the opening, then mark off the distance* from the center line to locate angle placement (*Distance will be half the width to back of guides). Mark location with plumb lines.



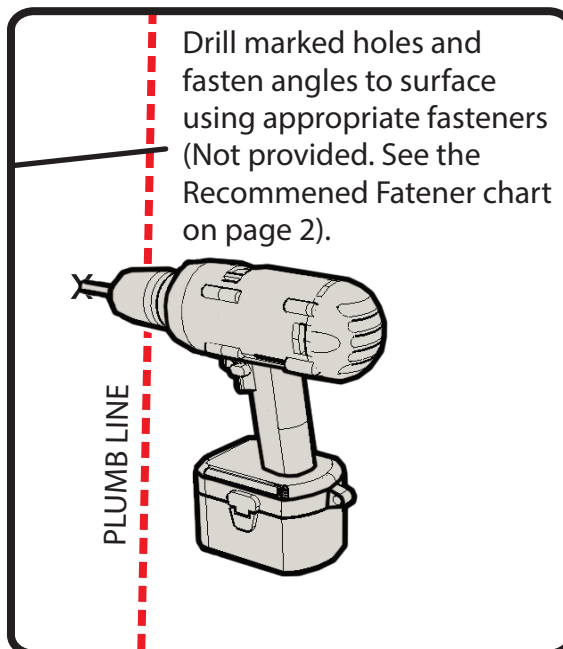
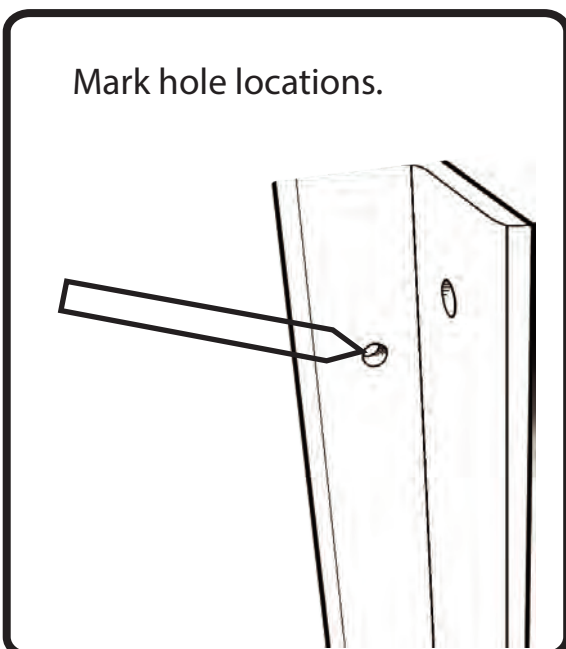
NOTICE: Angles must be plumb and level with each other. If the angles are not plumb and leveled, the gate may not operate properly. This may cause one of the angles to NOT sit on the floor, if floor is not level.



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



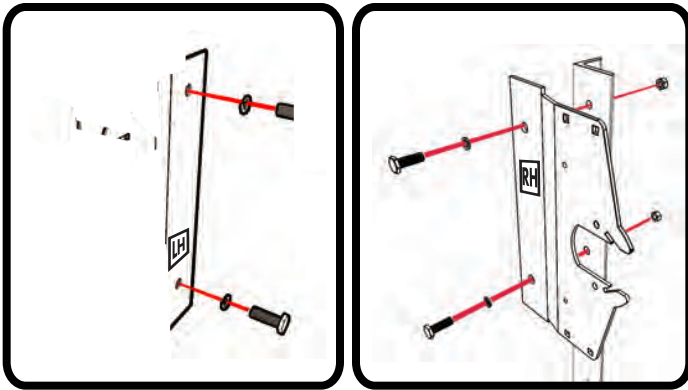
Align angle to plumb line with angle running towards the opening



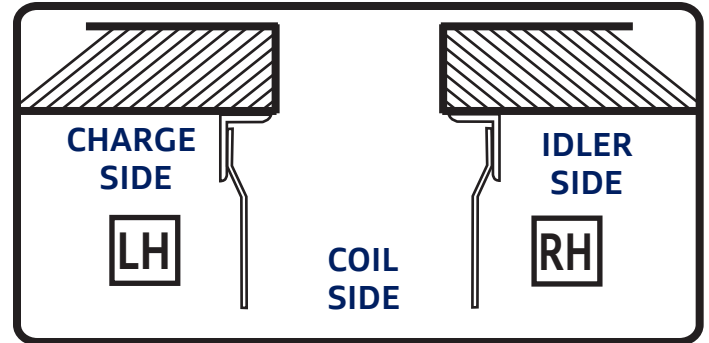
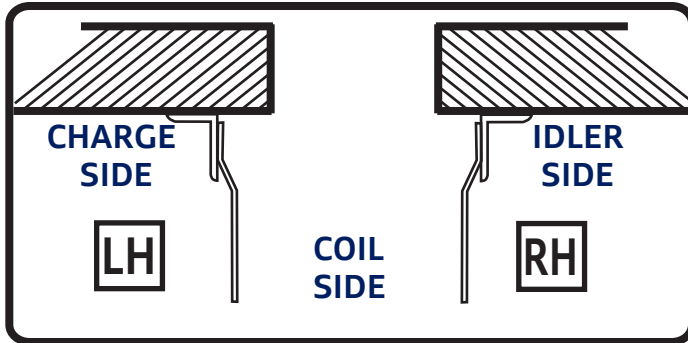
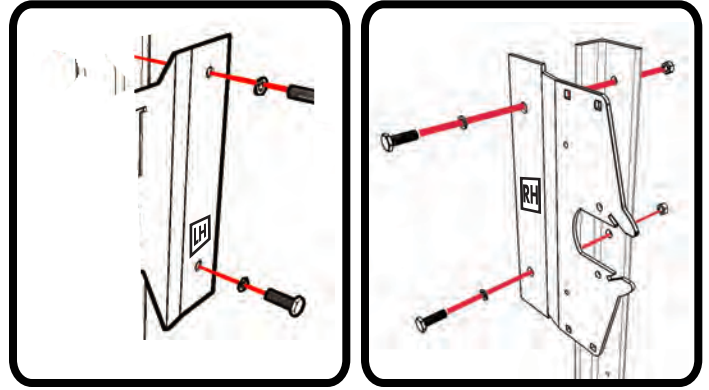
2

BRACKET PLATE INSTALLATION

Z INSTALLATION



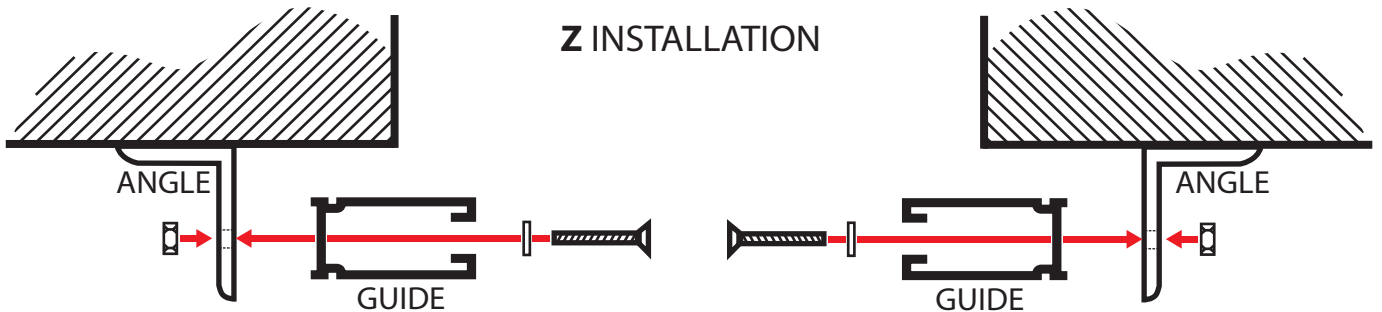
E INSTALLATION



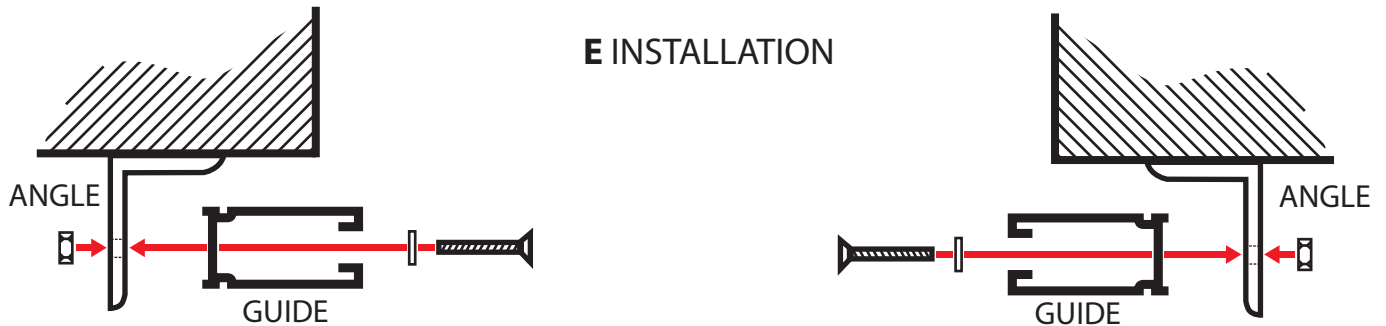
3

GUIDE INSTALLATION

Z INSTALLATION



E INSTALLATION



PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION

MOUNTING OPTION BETWEEN JAMB

RECOMMENDED FASTENERS

TABLE 1 GUIDES

TYPE OF CONSTRUCTION TO WHICH FASTNER EMBED	TYPE OF FASTENER TO USE	HOLE SIZE (DRILL DIAMETER)	TAP SIZE (IF REQUIRED)	DEPTH OF HOLE
WOOD	#10 X 2 " WOOD SCREW (PROVIDED)	Ø 1/8 "	_____	1-½ " MAX
CONCRETE	#10 X 1-½ " WOOD SCREW WITH #10 PLASTIC SHIELD	Ø 1/4 " CARBIDE	-----	1-½ " MAX
STEEL	Ø ¼ " BOLT	#7	¼"-20 UNC	-----
HOLLOW METAL	¼-20 SELF DRILLING AND TAPPING SCREW	Ø 13/64"	-----	-----

TABLE 2 BRACKETS

TYPE OF CONSTRUCTION TO WHICH FASTNER EMBED	TYPE OF FASTENER TO USE	HOLE SIZE (DRILL DIAMETER)	TAP SIZE (IF REQUIRED)	DEPTH OF HOLE
WOOD	Ø½ x 3" LAG BOLT	Ø5/16"	-----	2- ½" MAX.
CONCRETE	Ø ½" X 2- ¾" WEDGE ANCH.	Ø½" CARBIDE	-----	2- ¼" MIN.
	Ø ½" X 3" EXP. SHIELD W/ Ø ½" FHMS	Ø ¾" CARBIDE	-----	3" MIN.
STEEL	Ø ½" BOLT	Ø 27/64"	½"-13UNC	-----
MASONRY OR BRICK	Ø ½" X 2- ¼" SLEEVE ANCH. (Ø 3/8" BOLT)	Ø ½"	-----	2" MIN.

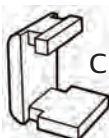
PARTS LIST



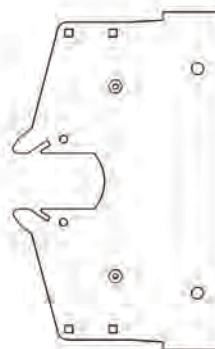
Door Guides (x2)



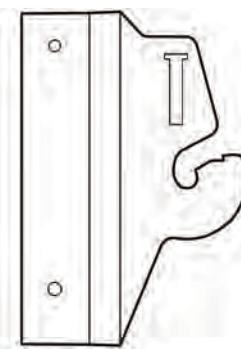
Guide Screw #10
(x20)



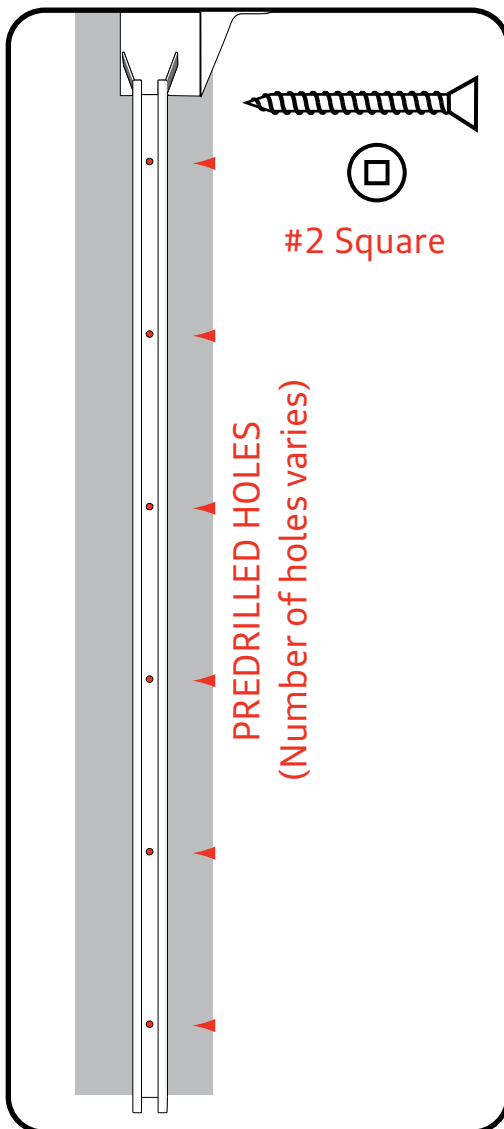
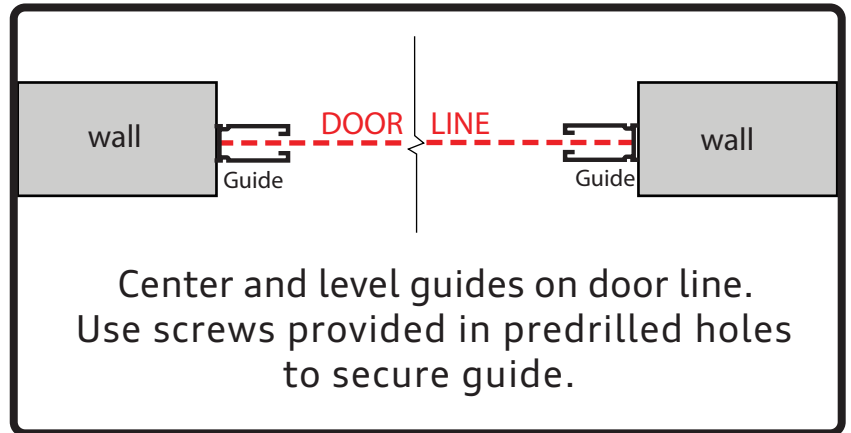
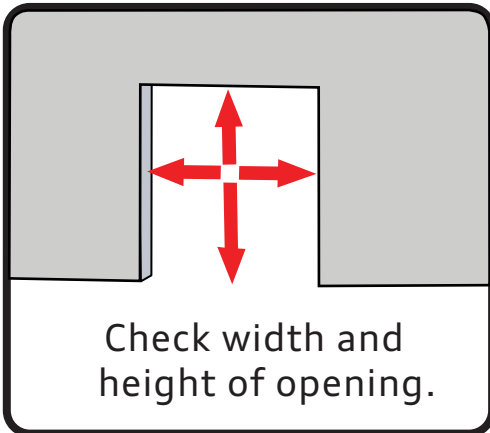
Charge Clip
(x1)



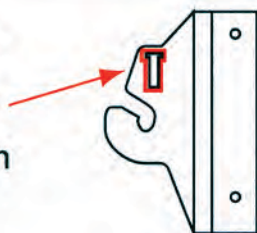
Idler Bracket
(x1)



Charge Bracket
(x1)



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



**CHARGE
SIDE**



LH

COIL SIDE

**IDLER
SIDE**



RH

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

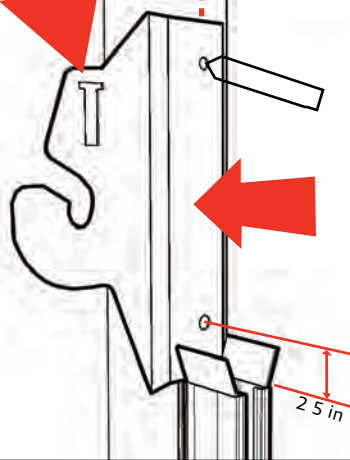


Charge
Clip

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.

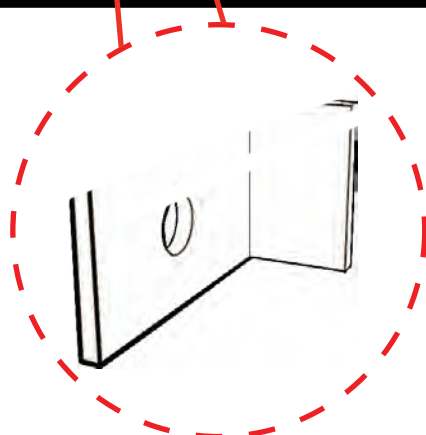
CENTER OF GUIDE



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

Place bracket over holes and insert and tighten appropriate fasteners (not supplied, see chart 2).

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

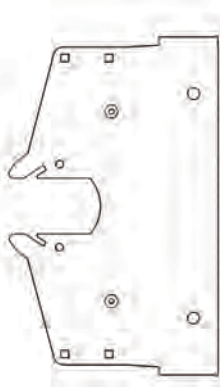


PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION

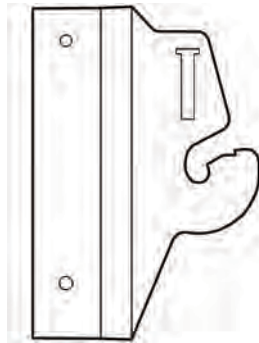
MOUNTING OPTION

BETWEEN TELESCOPIC TUBES

PARTS LIST



Idler Bracket
(x1)



Charge Bracket
(x1)

Door guides
(x2)



Telescopic Tubes
(x2)

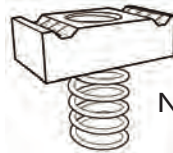


Floor base angle
(x2)

Concrete anchor bolt
(x4)



Guide Screw #10
(x 20)

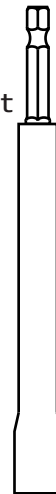


Nut spring
(x2)



Bracket Bolt
1/2-13x1-1/2
(x6)

Adapter bit
(x1)



Washer
(x6)

Tube template
(x2)

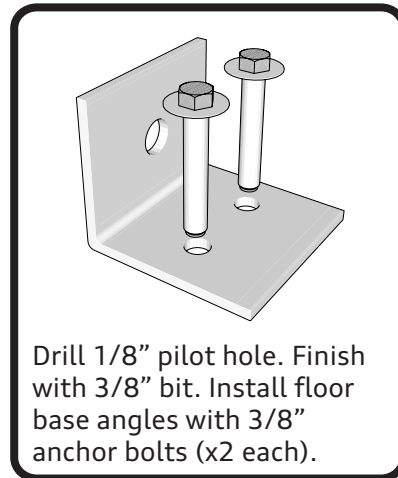
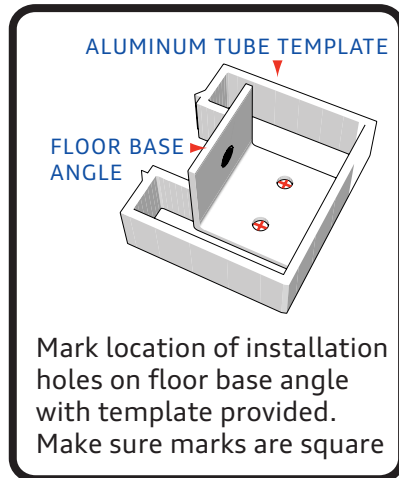
1

TELESCOPIC TUBE FLOOR BASE ANGLES

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

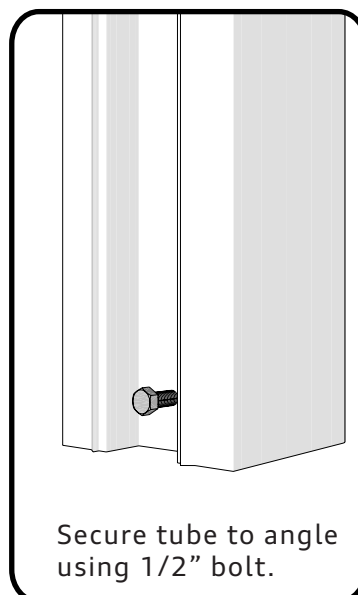
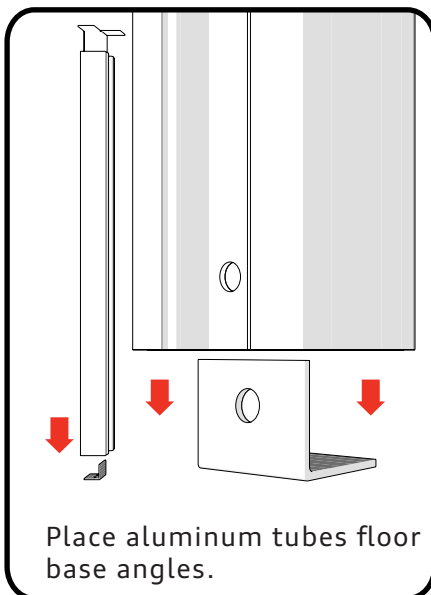


Measure location of front-of-tube to front-of-tube and compare drawing.



2

TELESCOPIC TUBE INSTALLATION

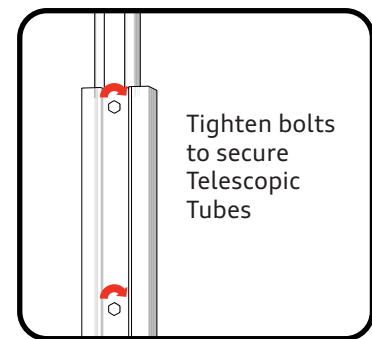
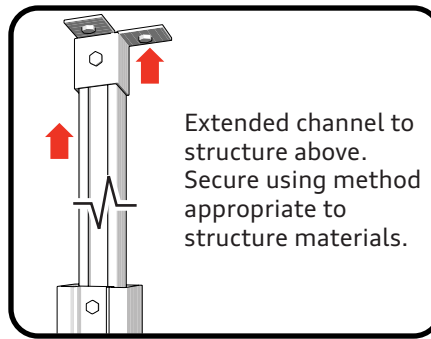
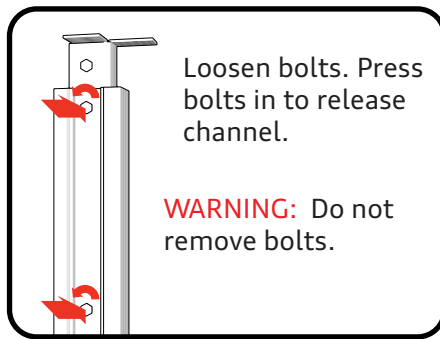


NOTE: Install one telescopic tube at a time. Tube must be secure at bottom and top before installing the second tube.

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

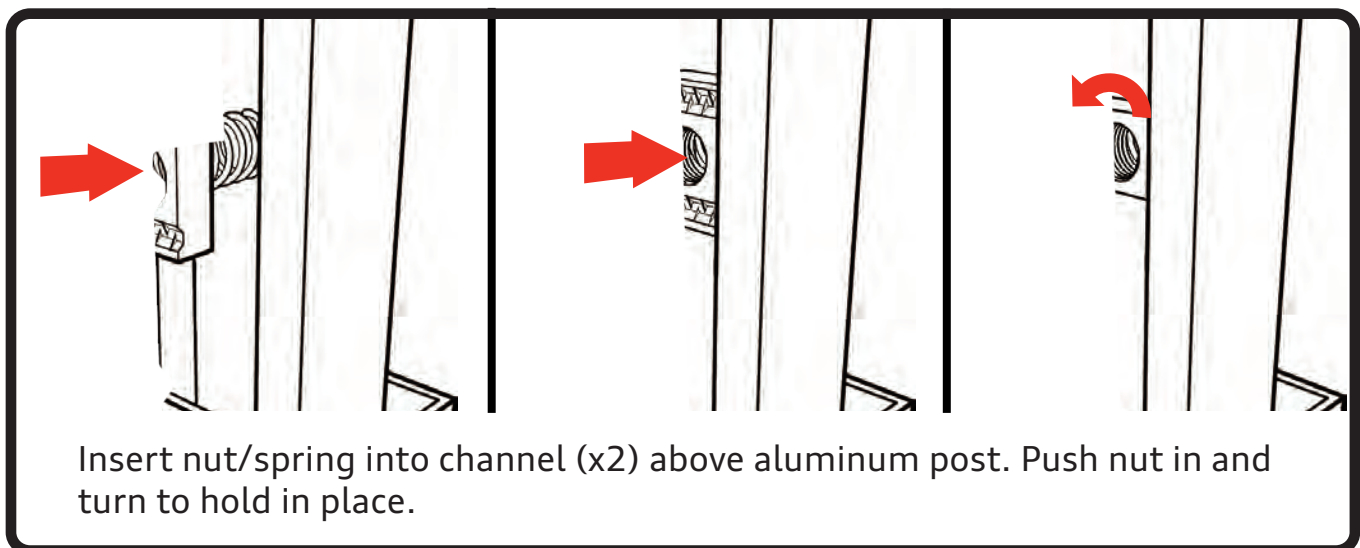
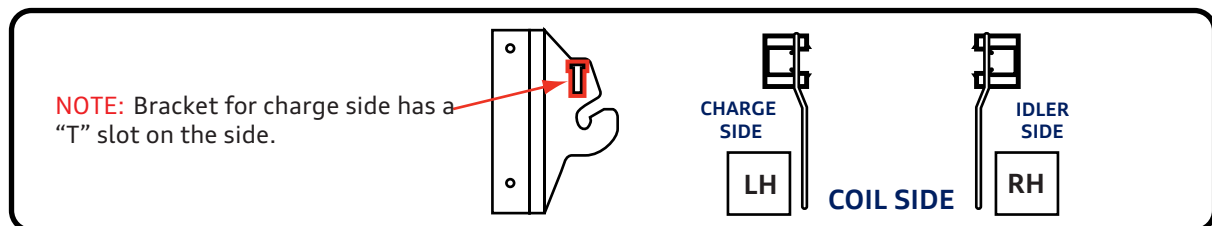
SECURING TELESCOPIC TUBES

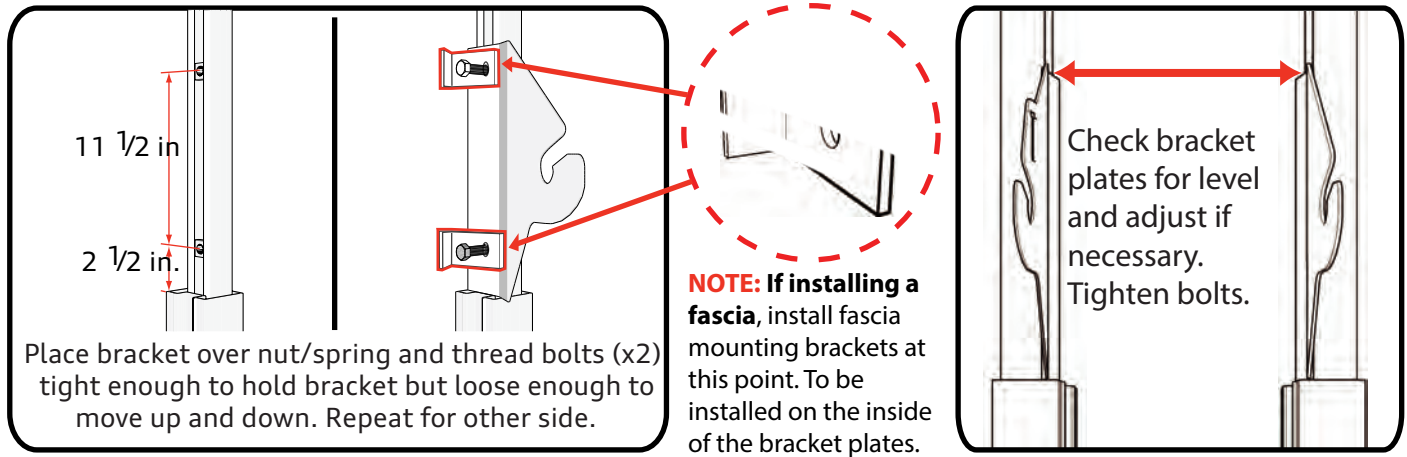


RETURN TO STEP 2 FOR SECOND TUBE

4

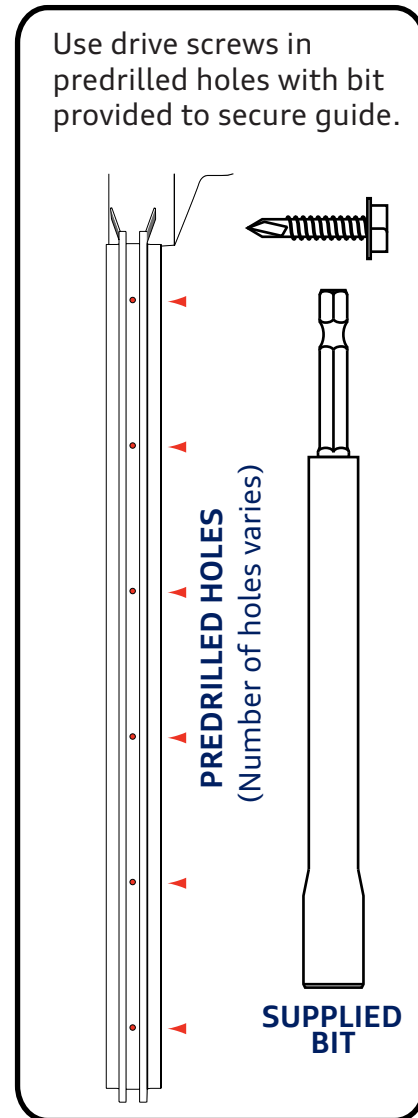
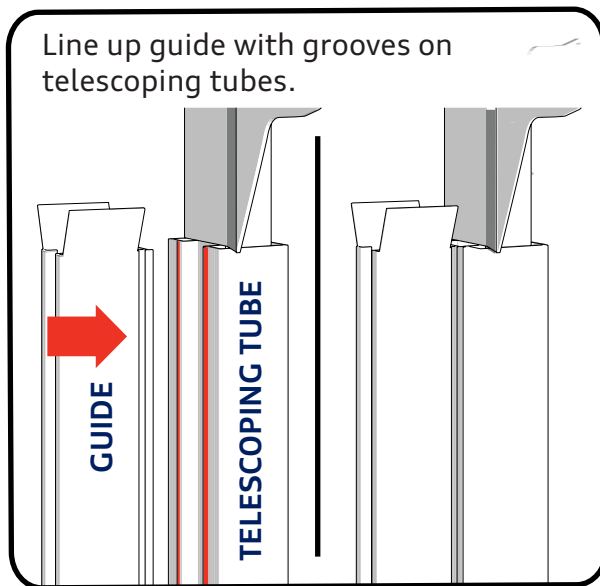
BRACKET PLATE INSTALLATION





5

GUIDE INSTALLATION

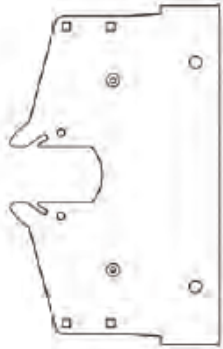


PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION

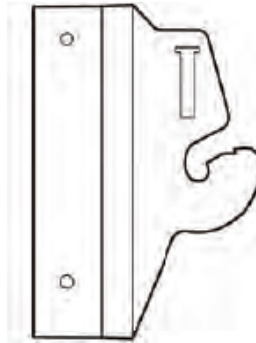
MOUNTING OPTION

BETWEEN STEEL TUBES

PARTS LIST



Idler Bracket
(x1)



Charge Bracket
(x1)

Door guides
(x2)



Steel Tubes
(x2)



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



Washer
(x6)



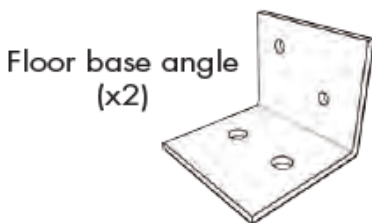
Adapter bit
(x1)



Guide Screws #10
(x20)



Concrete anchor bolt
(x4)



Floor base angle
(x2)



Nut
1/2 x 13
(x4)

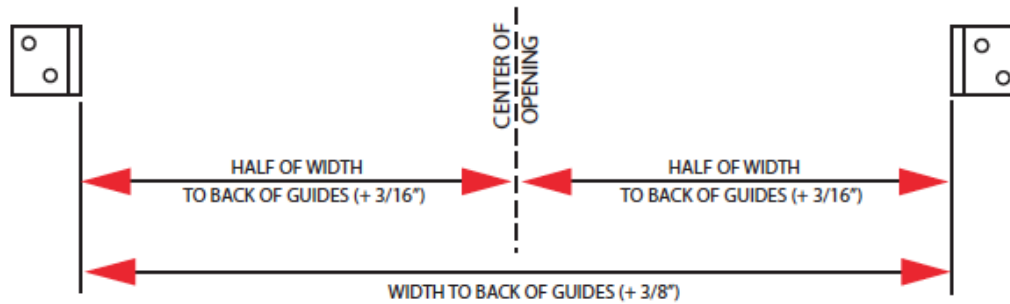


Base Mounting
Screws 1/4 x 20 x 1"
(x4)

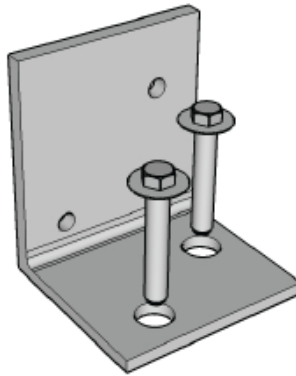
1

BASE ANGLE INSTALLATION

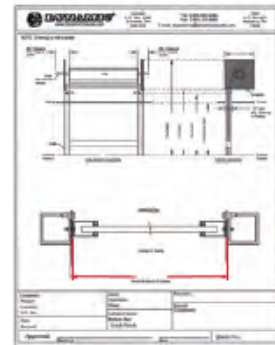
Locate center of the opening, then mark off the distance* from the center line to locate the base angle placement (*Distance will be half the width to back of guides + $3/16"$).



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).

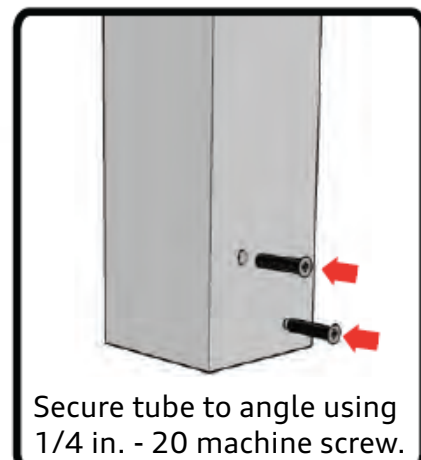
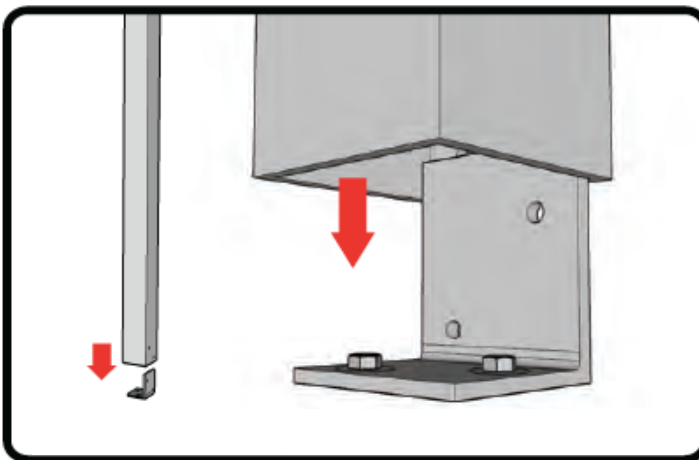


NOTE: Floor base angles must be square to one another.



2

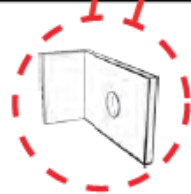
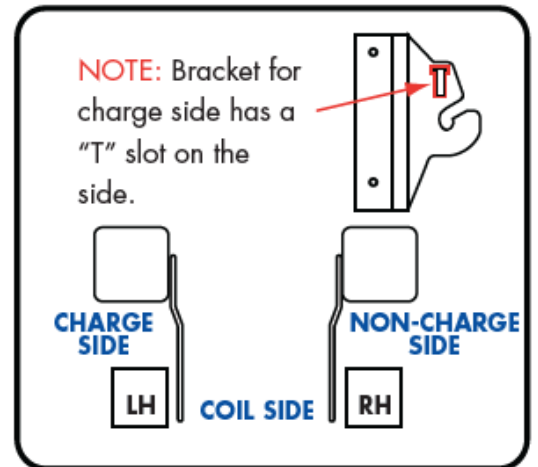
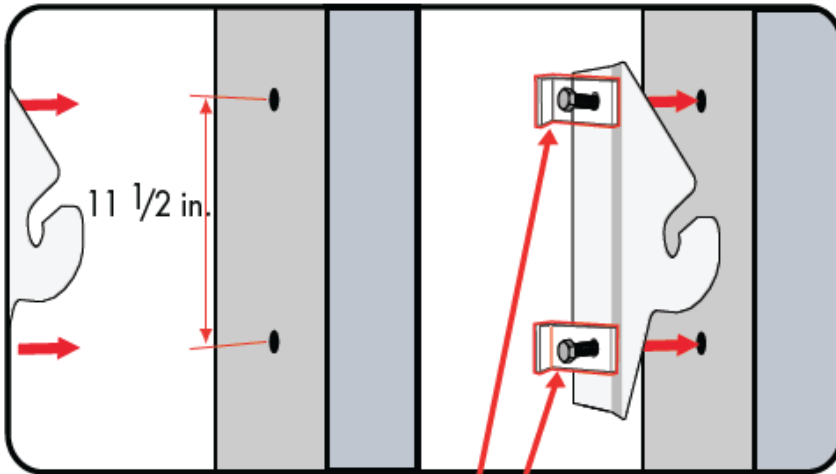
STEEL TUBE INSTALLATION



Secure tube to angle using $1/4$ in. - 20 machine screw.

3

BRACKET PLATE INSTALLATION

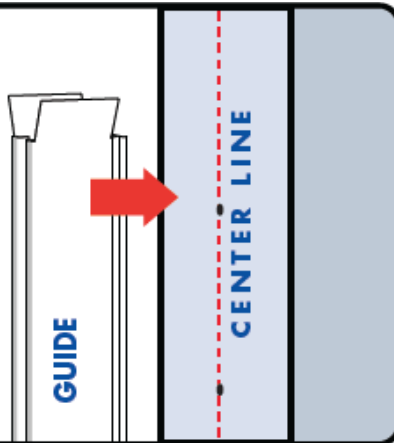


NOTE: If installing a fascia, install fascia mounting brackets at this point. To be installed on the inside of the bracket plates.

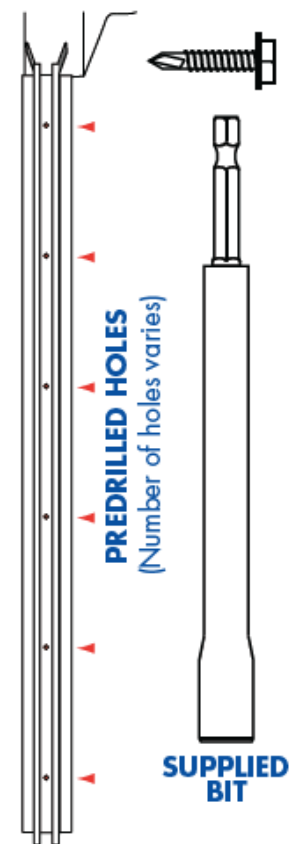
4

GUIDE INSTALLATION

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



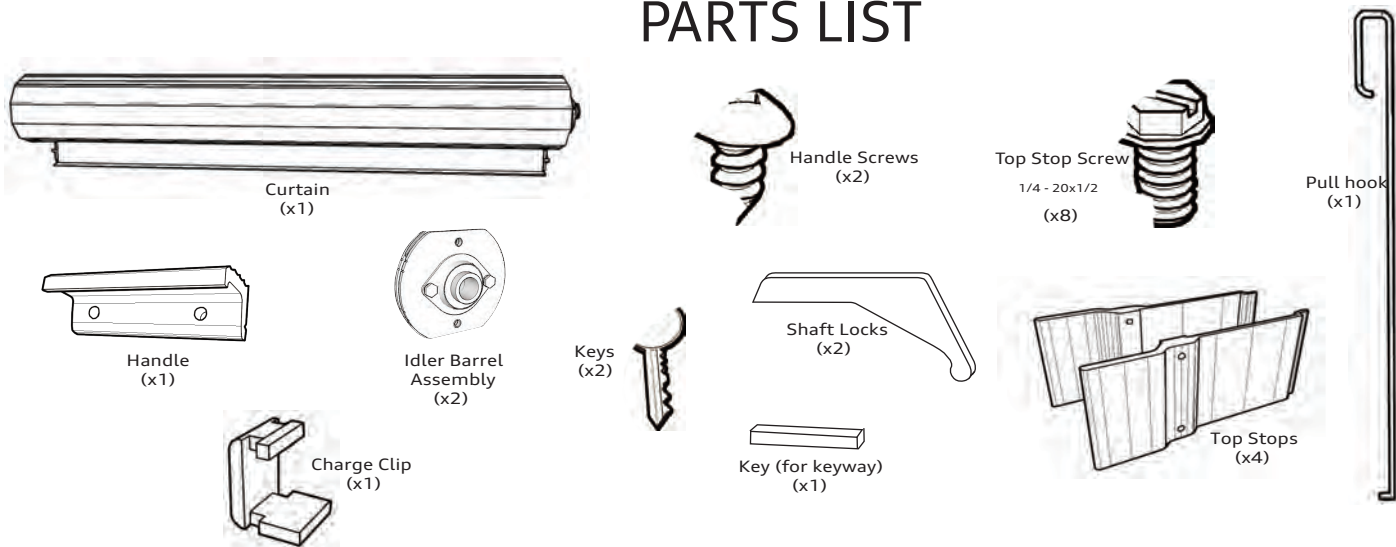
Use drive screws in pre-drilled holes with bit provided to secure guide.



PLEASE PROCEED TO PAGE 19 FOR CURTAIN INSTALLATION

CURTAIN INSTALLATION

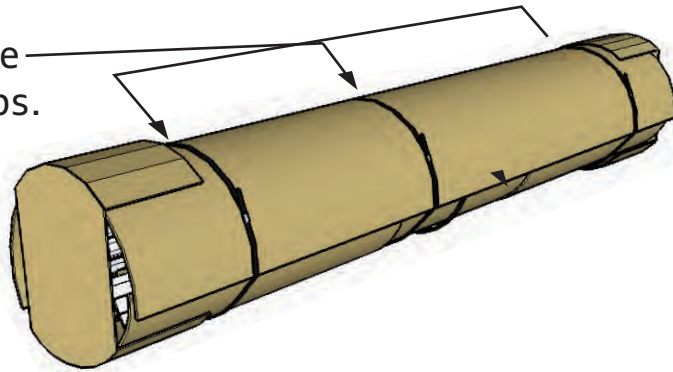
PARTS LIST



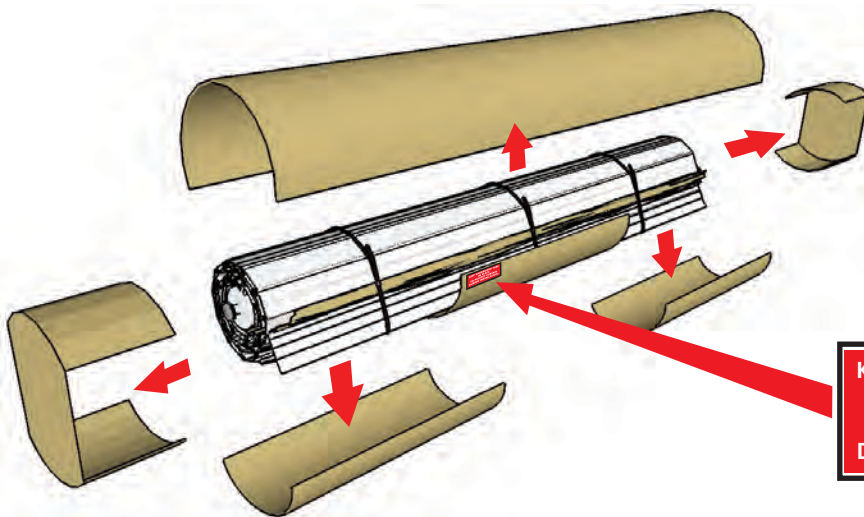
1

PACKAGING REMOVAL

Safely remove exterior straps.

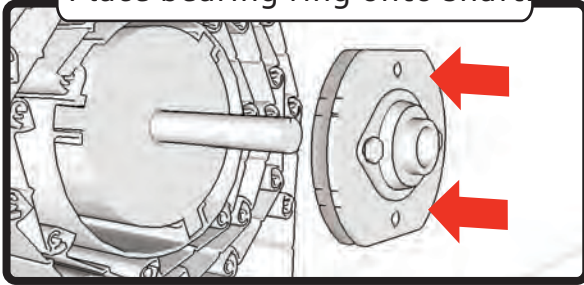


REMOVE ALL CARDBOARD PACKING TUBES, LEAVING THE BOTTOM CENTER TUBE IN PLACE.

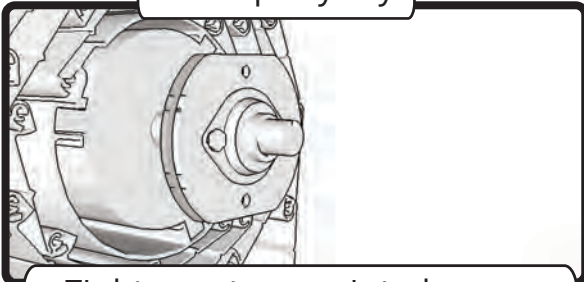


KEEP CARDBOARD TUBE
IN PLACE
TO PROTECT CURTAIN
DURING INSTALLATION.

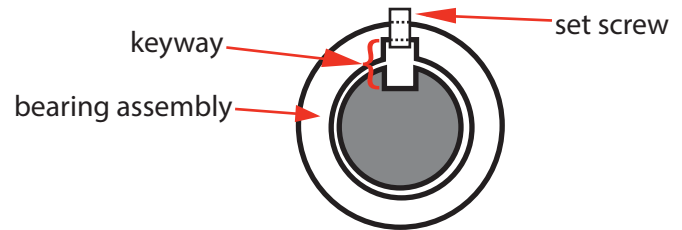
Place bearing ring onto shaft.



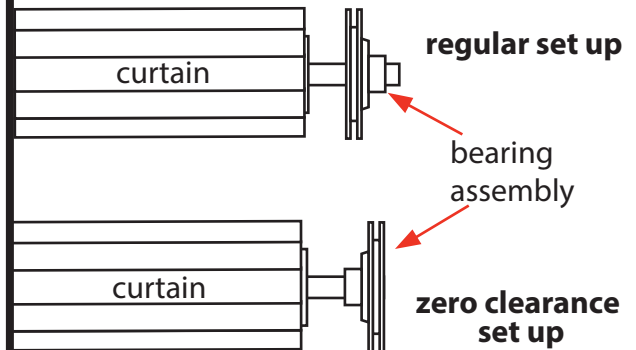
Line up keyway



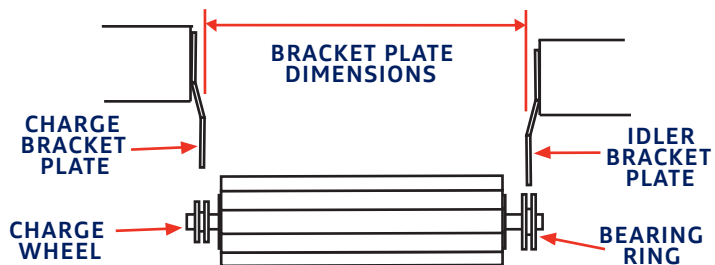
Tighten set screw into keyway to set bearing assembly position



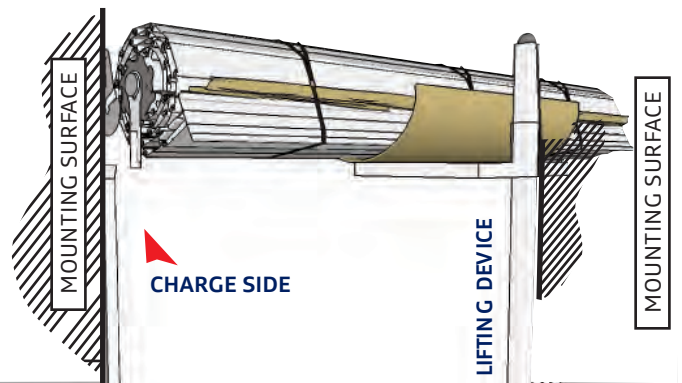
Zero Clearance option for bearing assembly



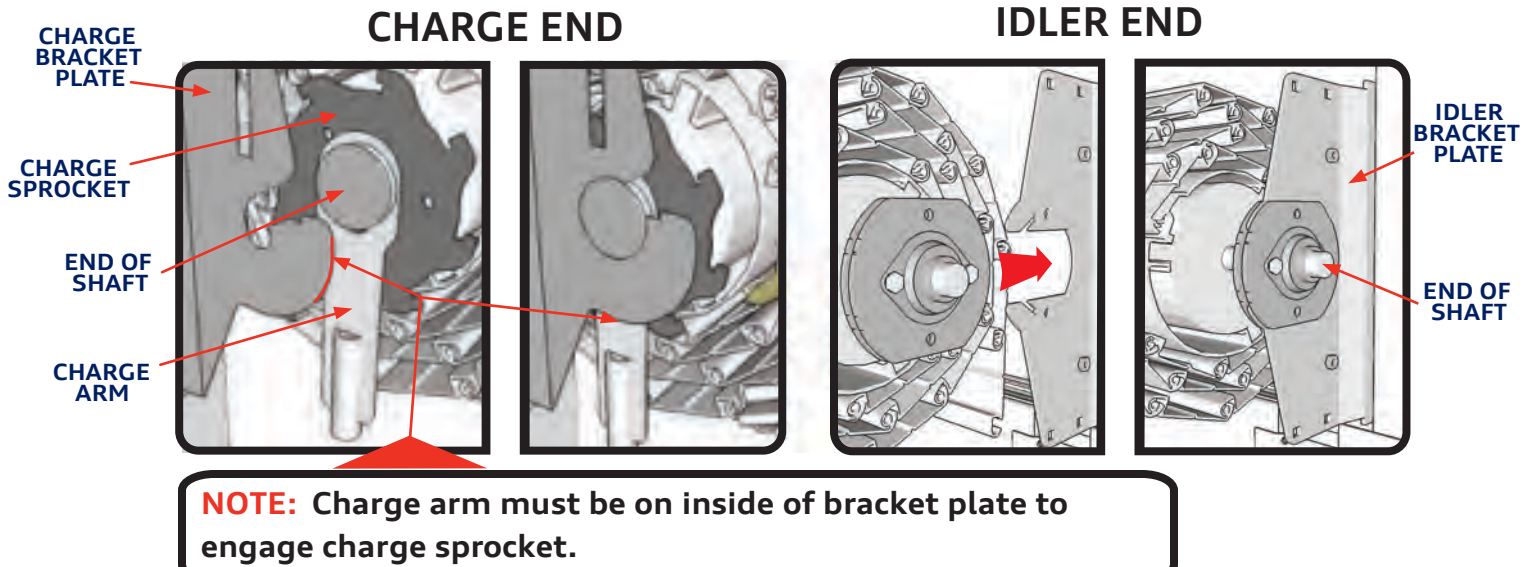
Check Bearing Ring location.



NOTE: Door must be balanced on lifting device to avoid tipping. The center of gravity will be closer to the charge side.

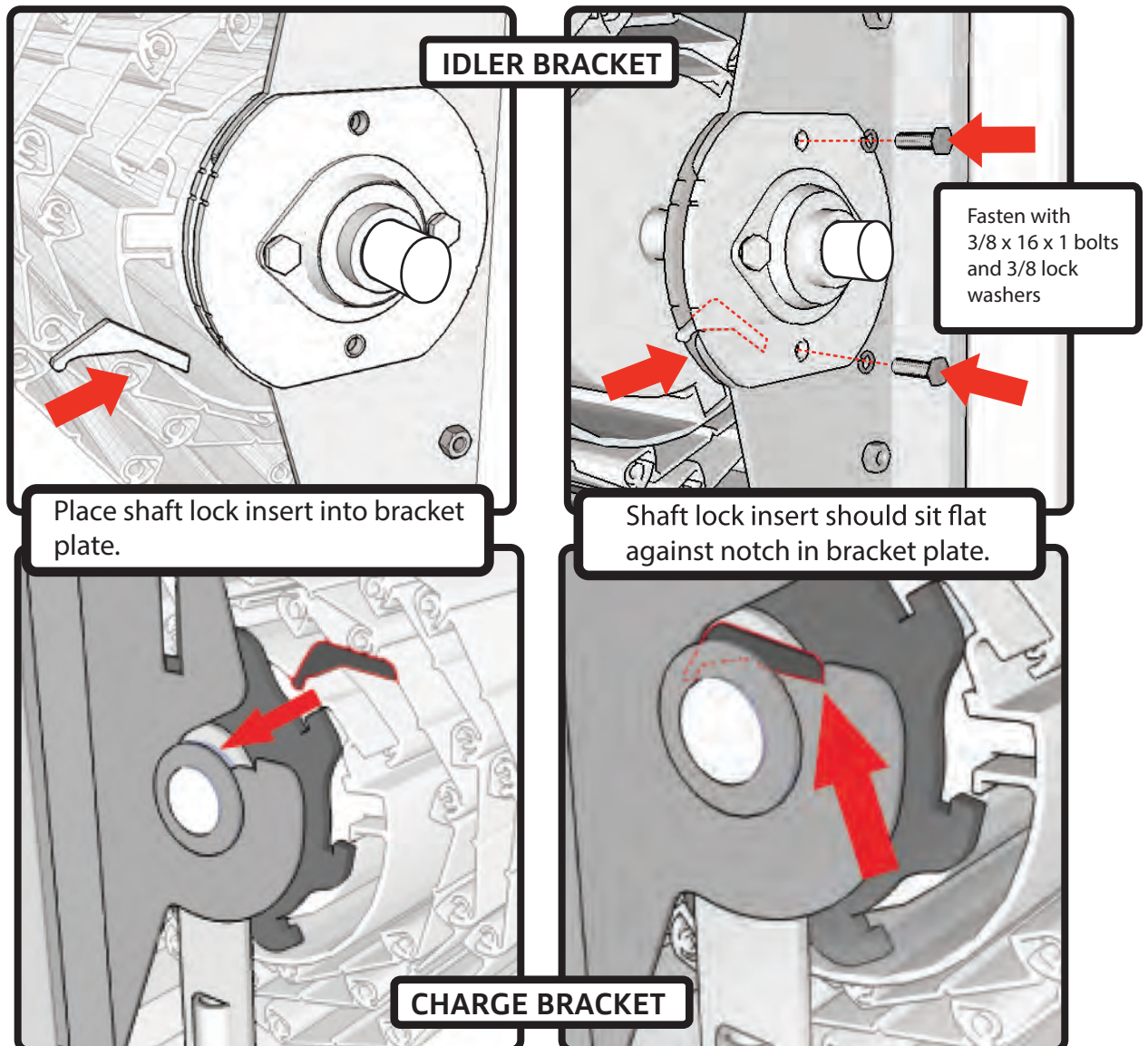


Lift barrel/curtain/bottom bar with lifting device. Line up shaft ends with bracket plates. Drop in place.



3

INSTALL SHAFT LOCK

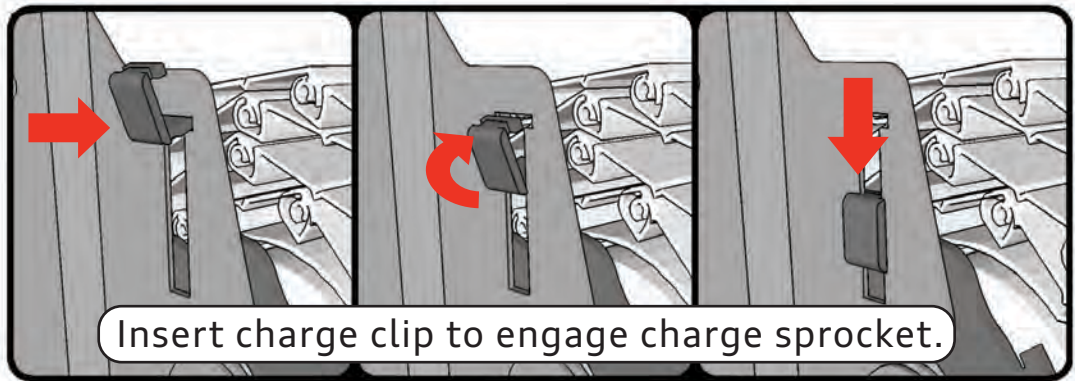


4

CHARGE CLIP INSTALLATION



NOTE: Longer side of charge clip is bottom.

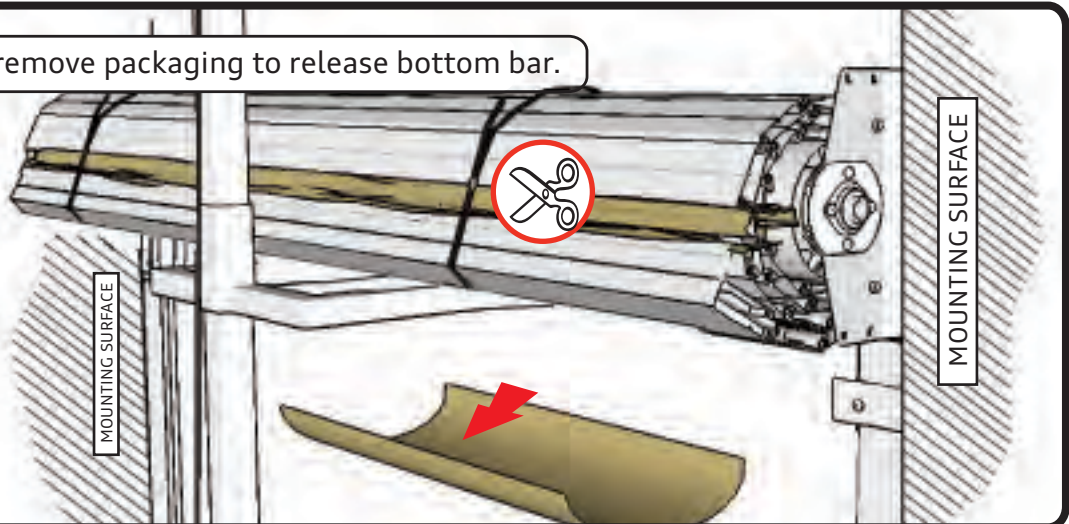


5

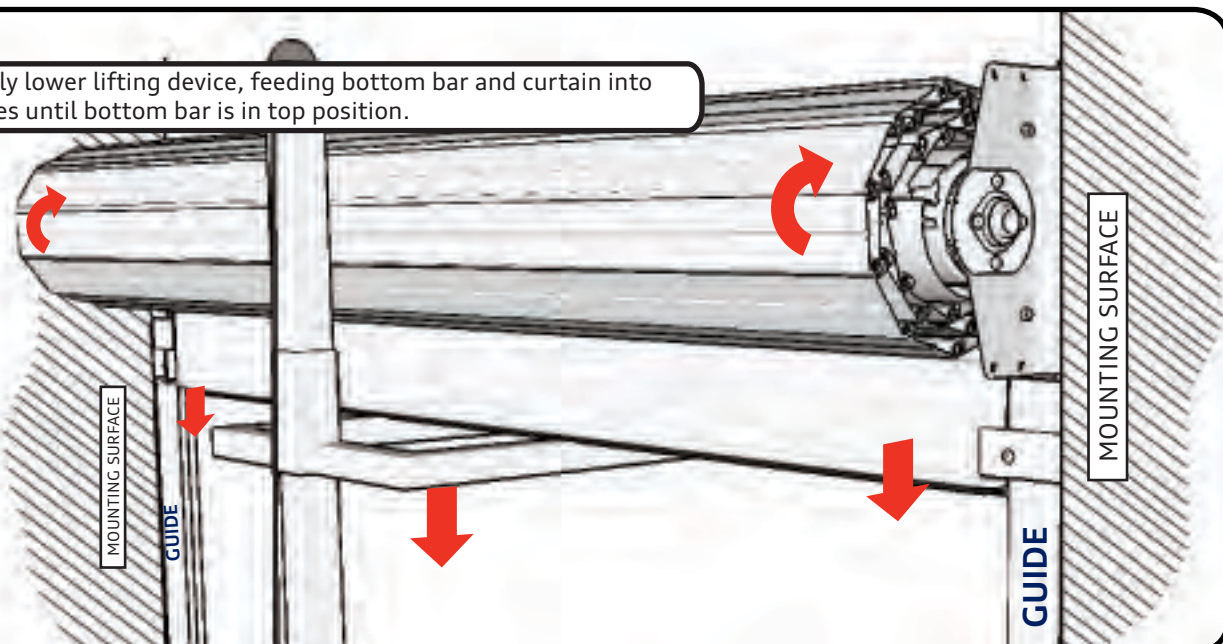
LOWERING BOTTOM BAR

Cut straps and remove packaging to release bottom bar.

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

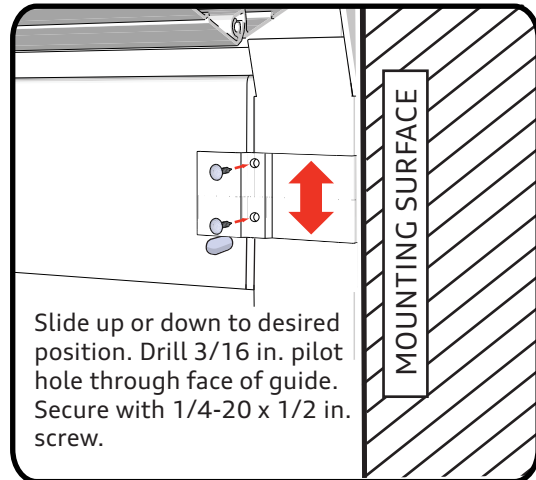
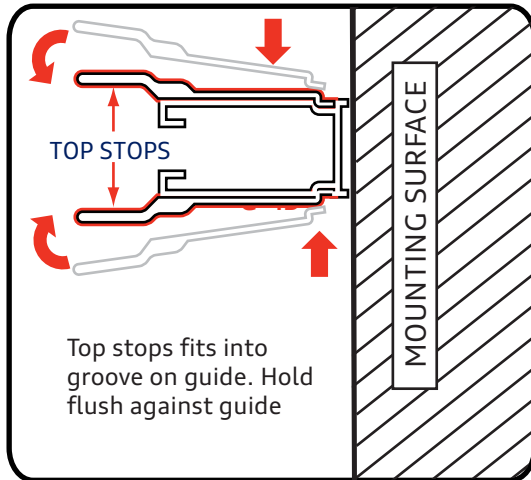


Slowly lower lifting device, feeding bottom bar and curtain into guides until bottom bar is in top position.



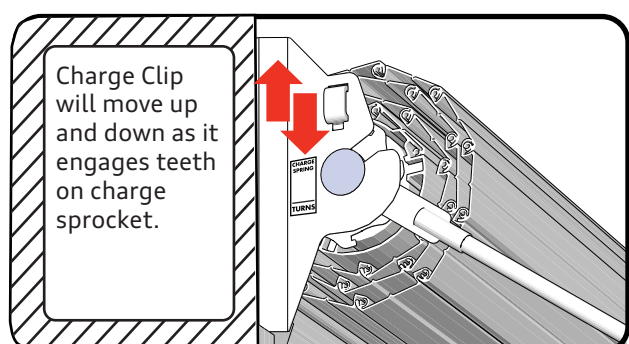
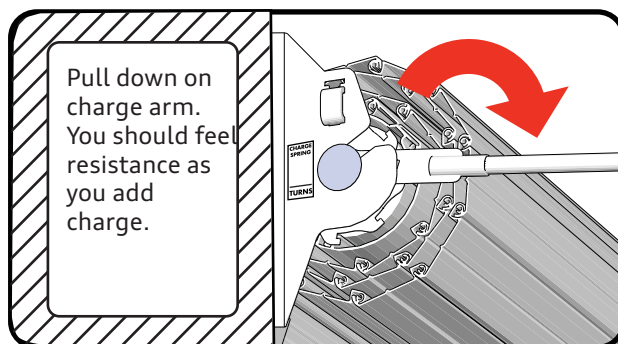
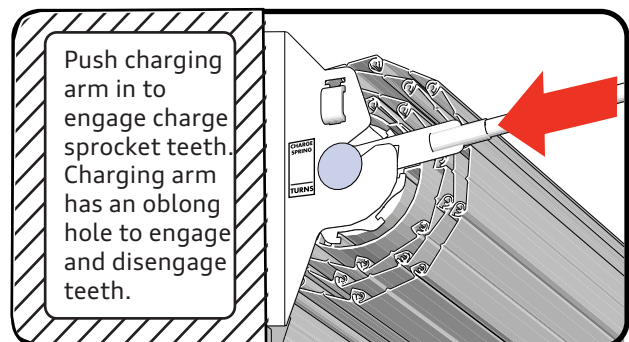
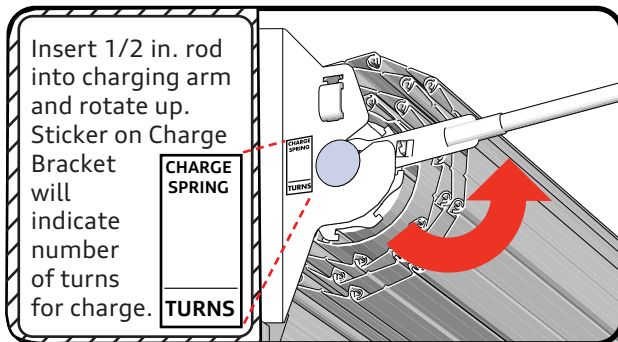
6

TOP STOP INSTALLATION



7

CHARGING STEPS

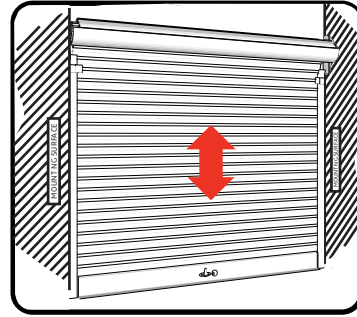


TO REMOVE CHARGE: Put pressure on charging arm to remove tension from charge clip. Hold charge clip up and allow charge wheel teeth to rotate counterclockwise. Drop charge clip back down to engage teeth.

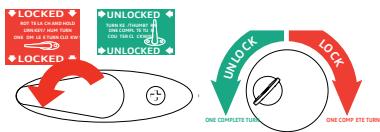
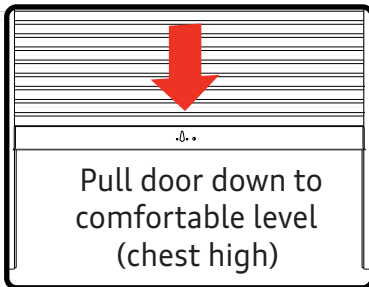
CAUTION: When adding charge, make sure charge clip is fully in the down position to lock the charge sprocket.

CAUTION: A charged spring is under high tension. Always use caution around door components once charge is applied.

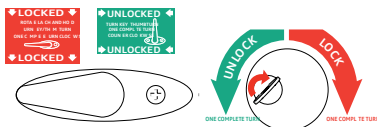
Pull/push bottom bar down to floor to test door. Door should operate smoothly. Add or remove charge if necessary.



LOCKING

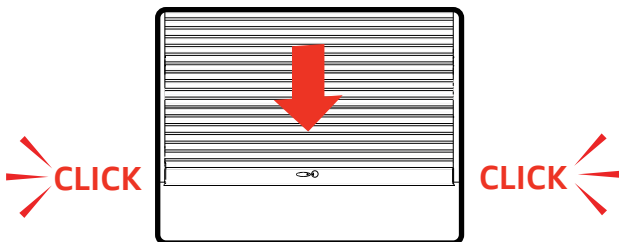


Turn lever down counterclockwise.

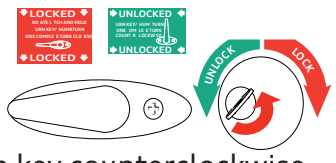
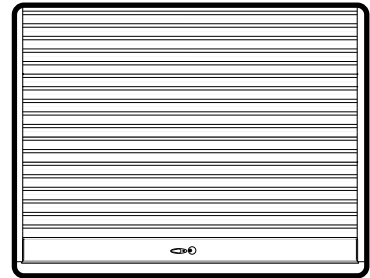


Turn key clockwise until it stops turning. Remove key.

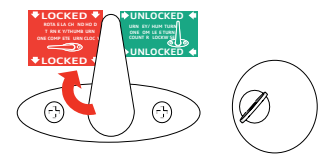
CAUTION: LEVER IS SPRING LOADED AND MAY POP UP ON IT'S OWN.



UNLOCKING



Turn key counterclockwise until it stops.



Turn lever clockwise into unlocked position.

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

