ASIDOORS

OWNER'S MANUAL

MODEL 215

High-Speed Fabric Roll-Up Door

Manual: 17A336

Manual last updated on: December 18, 2024 7:46 AM

Safety Practices

⚠ This is a safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in serious injury or death.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION used without a safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

NOTE explains general information.

Safety Practices Continued

⚠ WARNING

Warning read these safety practices before installing, operating or servicing the SLIDING door. Failure to follow these safety practices could result in property damage, serious injury or death.

READ AND UNDERSTAND ALL WARNING LABELS AND OPERATING INSTRUCTIONS IN THIS MANUAL BEFORE OPERATING THE SLIDING DOOR. If you do not understand the instructions, ask your supervisor to teach you how to use the SLIDING door.

1. Do not operate the door while under the influence of drugs or alcohol.

2. Do not use the door if it looks broken or does not seem to work properly. Advise your supervisor at once.

3. Stay clear of the door when it is moving

4. Keep hands, feet and head clear of the door at all times.

5. Do not operate the door with equipment, material or people directly inside door opening.

6. Disconnect power before performing any electrical or mechanical service, cleaning or other maintenance on the door. OSHA requires disconnect to be properly tagged and locked out during all maintenance or service of equipment. With the power supply disconnected, always verify using a volt meter.

7. All electrical troubleshooting or service must be completed by a qualified electrician or service person and must meet all applicable local, state, federal, international and other governing agency codes.

8. When it is necessary to service the control box with power on, USE EXTREME CAUTION. Do not place fingers or uninsulated tools inside the control box. Touching wires or other parts inside the enclosure may cause electrical shock, serious injury or death.

9. It is your responsibility to keep all warning labels and instructional literature legible, intact and kept with the door. Replacement labels and literature are available from ASI Doors, Inc. or its representatives.

10. If you have any questions, contact your supervisor or your local ASI Doors, Inc. representative for assistance.

11. Train all service and personnel using or near door on intended use(s) and operation of the door.

12. Failure to operate the door as intended, as described, or heed any warning may result in equipment damage, property damage, serious bodily injury or death.

Warranty Policy

ASI Doors (herein called "ASI") warrants solely for the benefit of its customer that each door system manufactured by ASI (each a "Door System") will be free from defects in material and manufacture for a period of one (1) year from the date of original shipment by ASI. The following models receive a similar two (2) years from date of shipment warranty: 109, 209, 120-125, 1240-125-, 1240SS-1250SS, 1260-1270, 1260SS-1270SS, 130-135, 140-150, 160-170, 220-225, 220SS-225SS, 230-235, 230SS-235SS. In all instances warranty labor is covered for a period of one (1) year from the date of original shipment.

The foregoing limited warranty shall not apply to defects that result from improper installation, abuse, misuse, alteration, modification, or failure to maintain the Door System in accordance with the ASI Owner's Manual. Periodic maintenance and adjustment of the Door System as described in the ASI Owner's Manual are the sole responsibility of the customer. All claims for defects must be made to ASI within thirty (30) days after the defect is discovered or should, with reasonable care, have been discovered. **THE FOREGOING LIMITED WARRANTY CONSTITUTES THE EXCLUSIVE WARRANTY OF ASI WITH RESPECT TO THE DOOR SYSTEM. ASI EXPRESSLY DISCLAIMS ALL OTHER GUARANTEES OR WARRANTIES—WHETHER EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

If a Door System does not comply with the foregoing limited warranty, and a claim is made by customer within the warranty period, ASI will, at the option of ASI, either repair or replace any defective equipment or parts free of charge and pay the reasonable labor costs to repair or replace the defective equipment or parts if within the defined warranty period. The remedy of repair or replacement shall be the exclusive and sole remedy for any breach of the foregoing limited warranty.

ASI SHALL NOT IN ANY EVENT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING WITHOUT LIMITATION ANY LOST PROFITS, ARISING FROM THE SALE OR USE OF THE DOOR SYSTEM, OR FROM ANY OTHER CAUSE WHATSOEVER, WHETHER THE CLAIM GIVING RISE TO SUCH DAMAGES IS BASED UPON BREACH OF WARRANTY (EXPRESSED OR IMPLIED) BREACH OF CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF A PARTY HAS BEEN ADVISED OF THE POSSIBILITY THEREOF, AND REGARDLESS OF ANY ADVISE OR REPRESENTATION THAT MAY HAVE BEEN RENDERED BY ASI CONCERNING THE SALE OR USE OF THE DOOR SYSTEM.

At ASI's request, customer shall return to ASI for inspection any Door System for which a warranty claim has been made, F.O.B. ASI's facility with freight prepaid. The customer is responsible for any removal costs.

The customer shall comply with the following procedures in filing a warranty claim with ASI:

1. Notify ASI of any and all defects in writing with photographic evidence. ASI will review the warranty request and issue a Returns Merchandise Authorization (RMA) form if the defective parts need to be returned to ASI for inspection and verification. The RMA form must accompany any materials returned for warranty consideration.

2. All replacement parts or equipment will be invoiced to the customer. Upon verification by ASI that the Door System is defective, ASI will issue a full credit to customer for the replacement parts or equipment.

3. If outside labor is needed to install the replacement parts or equipment, ASI requires a written estimate of the labor charges in advance so ASI may approve the labor charges and issue a purchase order. ASI will not accept any labor charges unless previously approved in writing and accompanied by the ASI purchase order number.

(Rev 12/21)

Crates and Contents

Shroud Assembly

Shipping Crate

Header and Curtain Assembly

Face Frame Assemblies

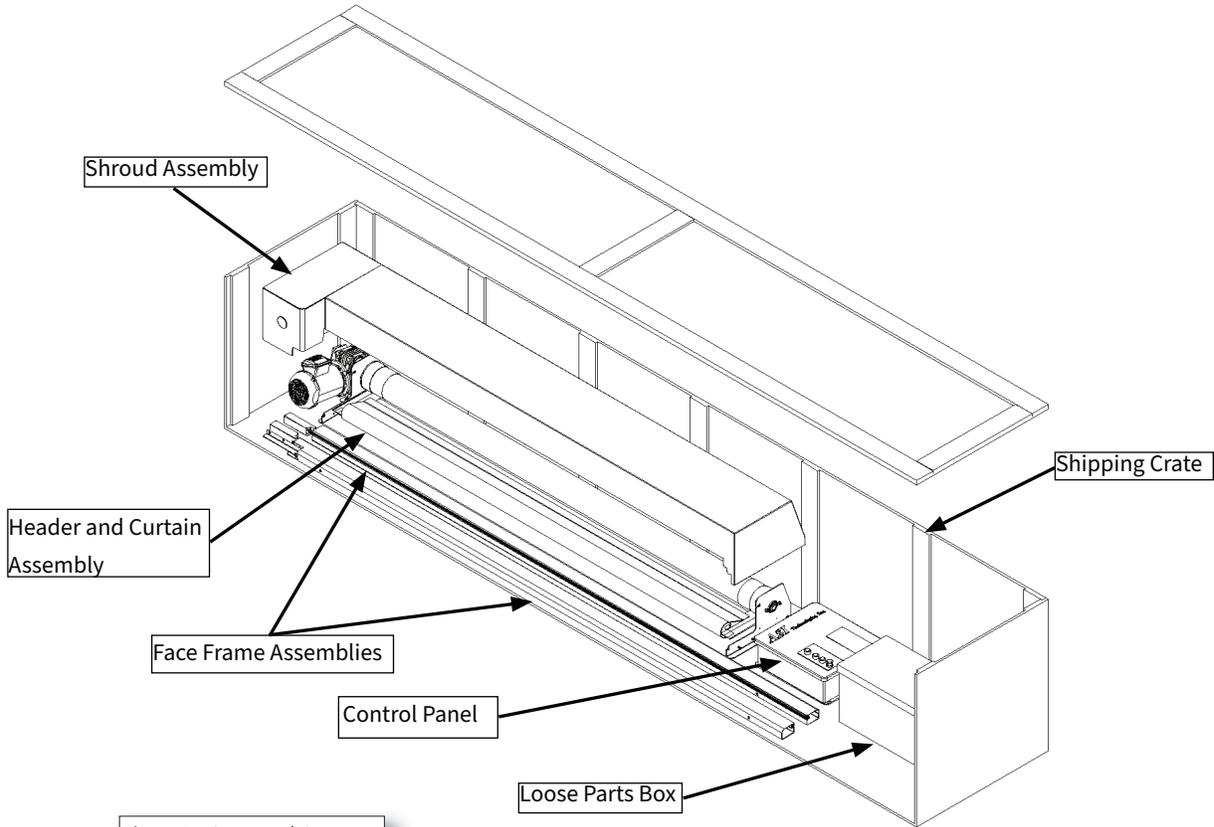Control Panel

Loose Parts Box

Figure 1: Crate and Contents

Upon receipt of the shipment, check that you have received the correct number of pieces as shown (figure 1). Crate will contain the Face Frames, the Header and Curtain assembly, the Loose Parts box, and Control Panel. The shipping crate may contain 1 or 2 complete door assemblies. For your protection, note any damages or shortages on the carrier's bill of lading before signing the bill for receipt.

The installation of this door will require at least a two man crew and a fork-lift. Select a fork-lift with lifting height based upon the height of the door, plus a minimum additional two feet.

NOTE

Because of variances in the construction of walls on which the door will be mounted, fasteners are not supplied. DO NOT remove door sections from crate until you encounter the step in which they are to be installed.
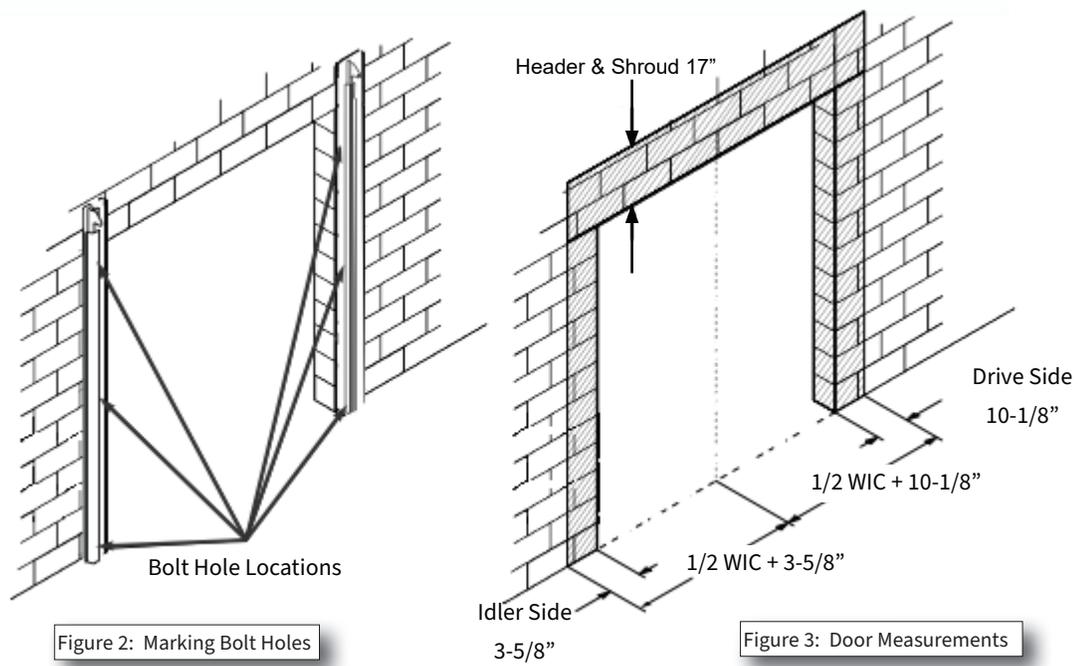
Unless specifically called out as "Provided by ASI", installer is to provide all necessary mounting hardware, anchors, inserts, hangers, supports and equipment needed to install door in accordance with final shop drawings and manufacturer's instructions.

Loose Parts

Description	Qty.
Installation Instructions	1
Photo Eyes	As Required
Encoder Cable	1
Encoder Extension Cable	As Required
Sales Drawing	1
Misc. Activation Devices	As Ordered
Finishing Hole Plug	As Required
Warning Name Plate Assembly	1
Face Frame Splice Plates	2
!/4-20 Whizlock S/S Splice Plate Nuts	2
10-32 Whizlock S/S Splice Plate Nuts	2
5/16-18 x 5/8" Flange Screws	2
PVC Curtain Fabric Shims	3
Control Enclosure Box	
Control Box	1
Schematic	1

Door Measurements

1. Make contact with the person responsible at the customer's place of business – check access conditions and prevailing safety practices.
2. First check the dimensions of the construction opening. The exact measurements can be found on the production sheet supplied with the door.
3. Carefully unpack the door and check the various components:
   - Left and right side frames.
   - Header assembly and installation manual included in the packing list.
   - Control box, wiring diagram, photo-eyes and cables for photoeyes and encoder.
   - Fasteners for the door, the operating controls and other accessories.

Bolt Hole Locations

Figure 2: Marking Bolt Holes

Header & Shroud 17"

Drive Side
10-1/8"

1/2 WIC + 10-1/8"

1/2 WIC + 3-5/8"

Idler Side
3-5/8"

Figure 3: Door Measurements

Tools Recommended

Tape Measure	Allen Wrenches
Level	Needle Nose Pliers
Wire Cutter	Drill Driver
Wire Stripper	Drill Bits
Inch Sockets	Screw Drivers
Inch Wrenches	

Face Frame Installation

Assembly on the floor:

1. Lay Header assembly on the floor on its back. Starting on the Idler side, lay one Side Frame on the floor aligned with and below the Header Flag Plate.

Figure 4: Attach Side Frame to Header
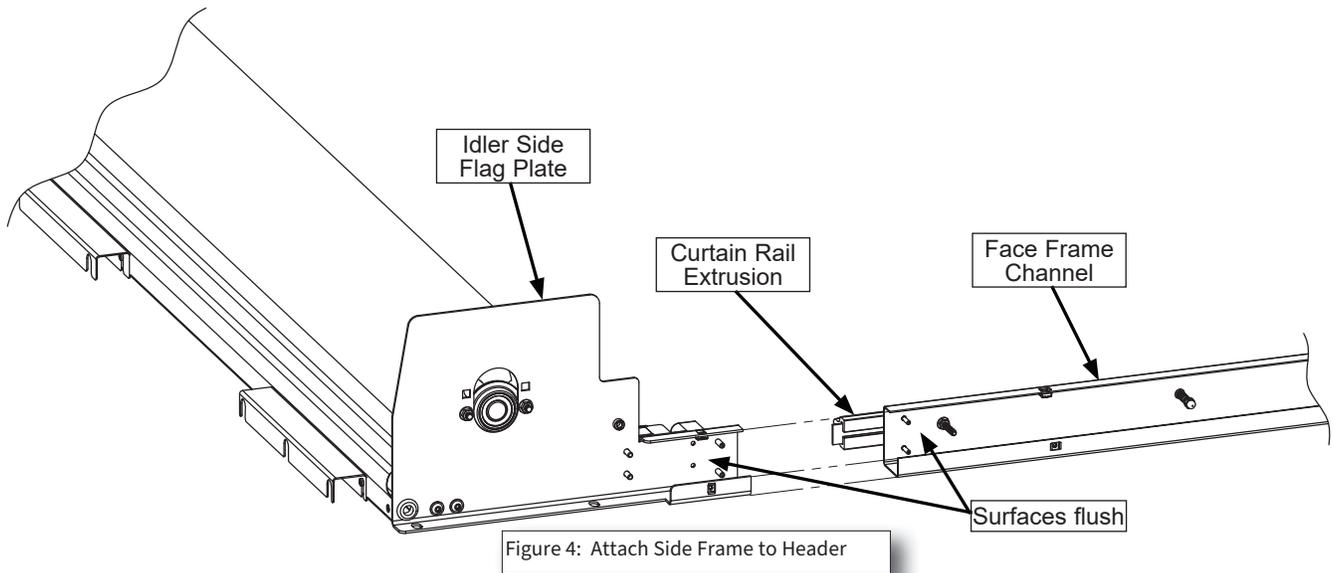
2. Slide the top end of the idler side Face Frame up to the bottom edge of the idler side Header Flag Plate. The Curtain Rail extrusion should slide inside the Flag Plate, and the surfaces of the Flag Plate & Face Frame channel should be flush on the other side as shown (Figure.4).

Figure 5: Add Splice Plate
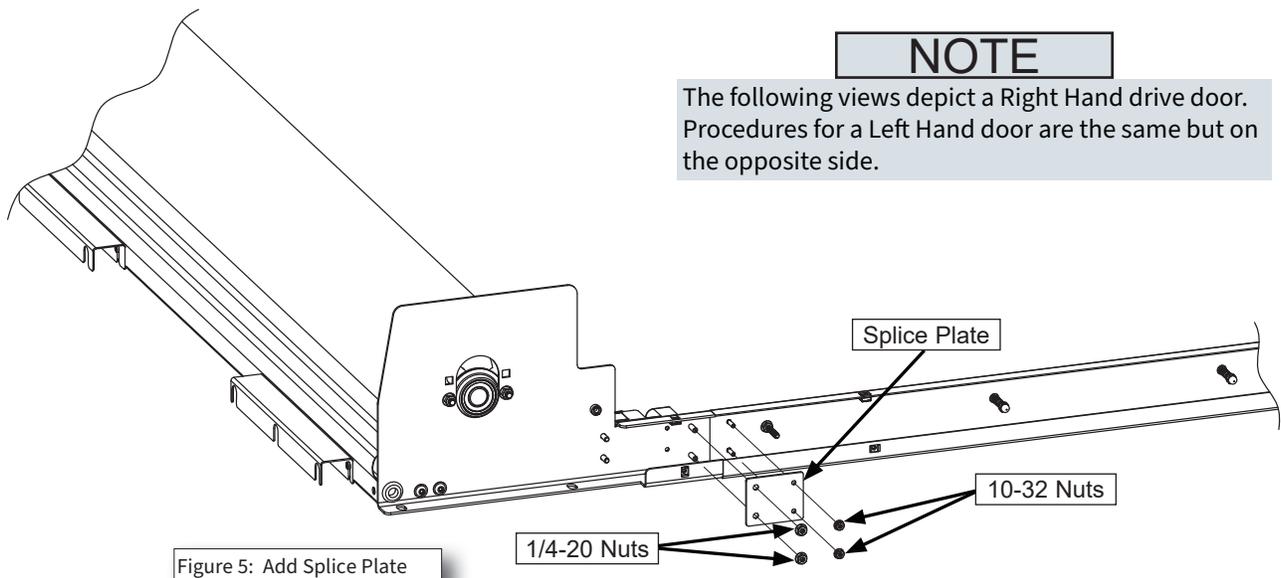
3. Add the Splice Plate over the 4 studs at the junction of the Face Frame and Flag Plate. The Face frame has (2) 10-32 studs, and the Flag Plate has (2) 1/4-20 studs. The Splice Plate has different size holes for the 2 different size studs so orient it correctly (Figure. 5).

4. Add (2) 1/4-20 nuts to the 1/4-20 studs, and (2) 10-32 nuts to the 10-32 studs and tighten.

5. Repeat steps on other (Drive) side.
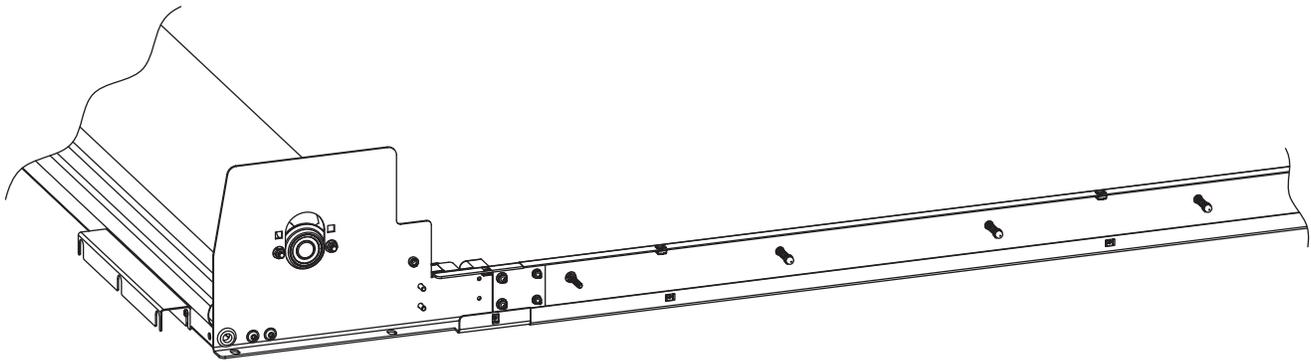
Face Frame Installation Continued

Figure 6: Face Frame attached to header.

6. Header with Face Frames attached and ready to mount on opening.

Header Installation

Lifting the Door:

⚠ **CAUTION**

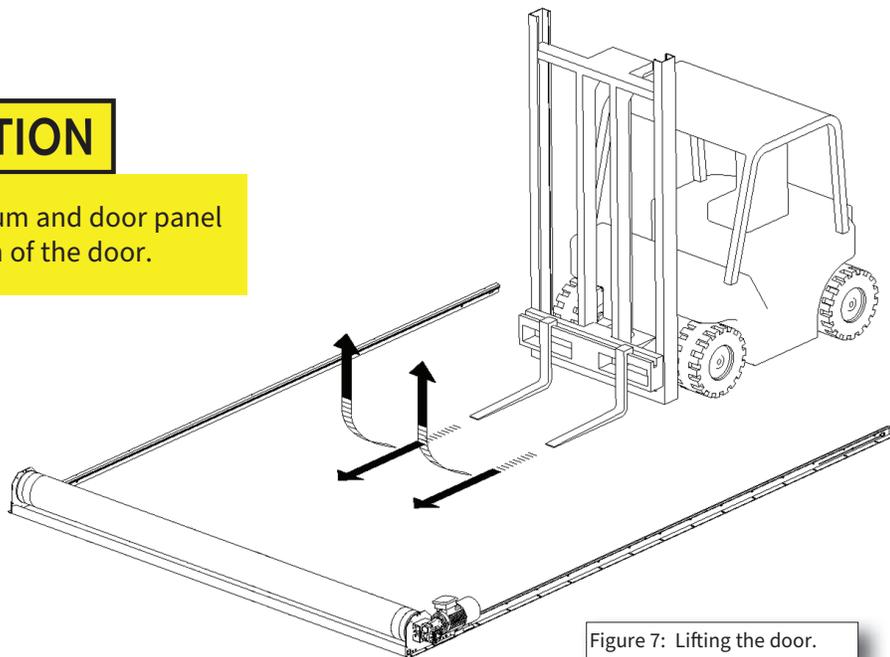**Caution** protect the drum and door panel during installation of the door.

Figure 7: Lifting the door.

After attaching both Side Frames to the Header, lift the door using a fork lift, and move the door into position on the opening. Use protective padding between the forks and the Curtain & Barrel to avoid damaging it while lifting.

⚠ **CAUTION**

The attachment of the Header assembly and the Face Frames to the wall must be carried out with appropriate methods. The installer must ensure that the fasteners are suitable for the size of the door and the type of walls; if necessary, increase the number of the fasteners used.

Checks before the Installation of the Door:

1. Measure the floor for level from left to right, and check the opening size and squareness of opening.
2. Place the entire structure centered around the construction opening (Figure 8).
3. The inner dimension "B", between the inside of the Curtain Rail Extrusions, should be 1/8" greater than the width of the door opening stated on the production data sheet and customer order form that was supplied with the door, +0"/-1/8". Check this dimension at the bottom, middle, and top of the opening.
4. The dimension between the header flag plates top & bottom will be the opening width + 3" +0 /-1/8".
5. Check both the top & bottom of the flag plates to verify that this dimension is held and that the flag plates are parallel to each other.
6. When installing the door, use a mechanical or laser level to ensure that the Header is installed level. If floor is not level and there is a gap under one of the face frames, use shims under that side to keep header level.
7. Mount Face Frames using hardware appropriate for the wall construction (supplied by installer) in the mounting slots provided in the Face Frames (Figure 9).
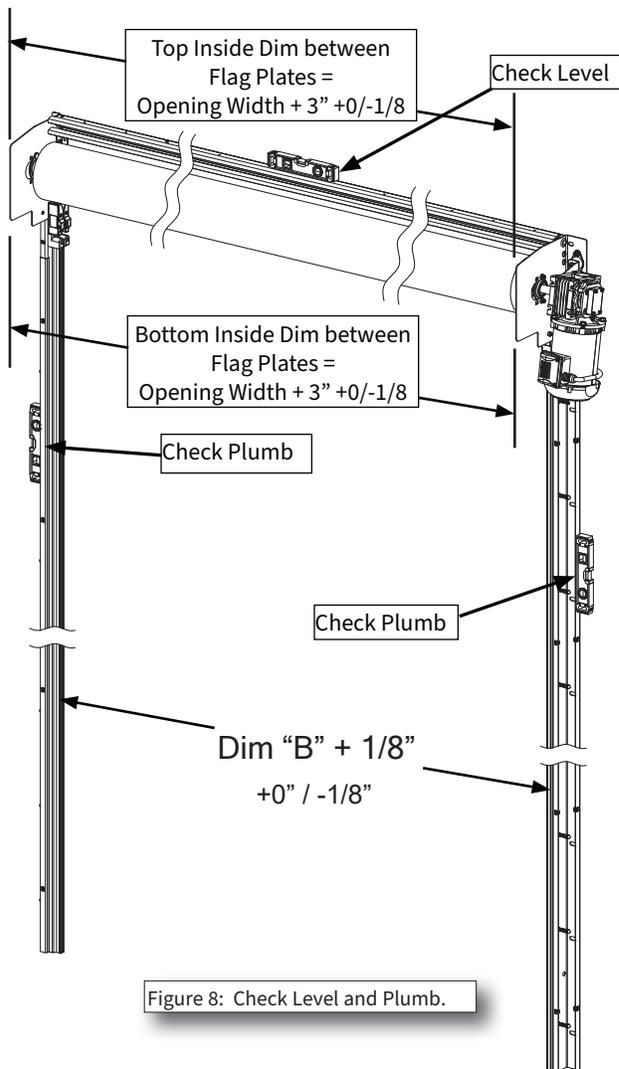
CAUTION

Be sure to verify the dimensions between the Flag Plates on the top & bottom. Failure to do so may result in degraded performance or damage to the Curtain.

Top Inside Dim between Flag Plates = Opening Width + 3" +0/-1/8

Check Level

Bottom Inside Dim between Flag Plates = Opening Width + 3" +0/-1/8

Check Plumb

Check Plumb

Dim "B" + 1/8"

+0" / -1/8"

Figure 8: Check Level and Plumb.
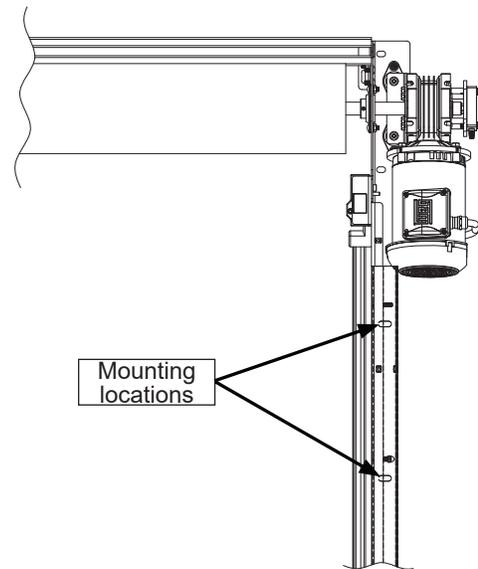
Mounting locations

Figure 9: Mounting locations

NOTE

For an optimum seal, the gaps between the door structure and the walls of the building must be filled. Please consult the customer with regard to the choice of materials to be used (caulk, silicone, etc.).

Curtain Installation

1. Run the Curtain all the way up so the bottom Curtain edge is about 4-1/2" above the upper Re-feed Block.
2. Lower the panel enough to manually insert the Curtain Edge Beads into the Re-Feed blocks on both sides. (Figure. 10)
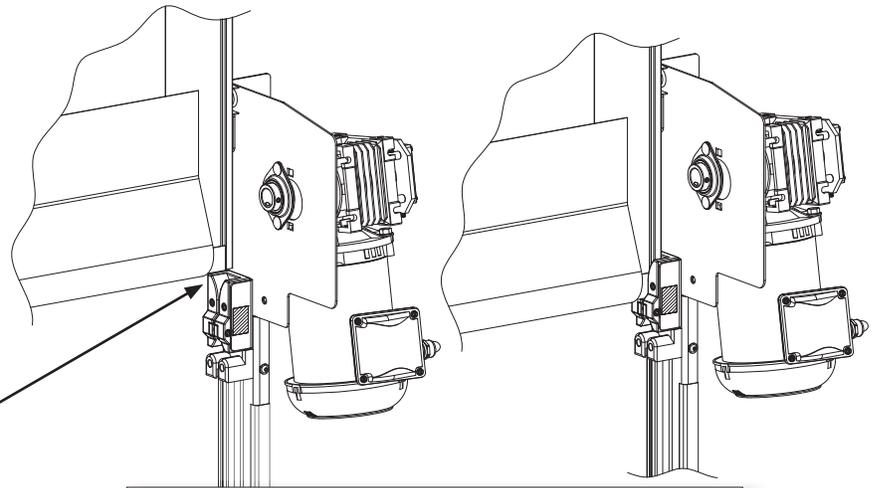
Insert Curtain edge beads into Upper Re-Feed Blocks

Figure 10: Inserting The Edge Beads into the Re-Feed Blocks.

CAUTION

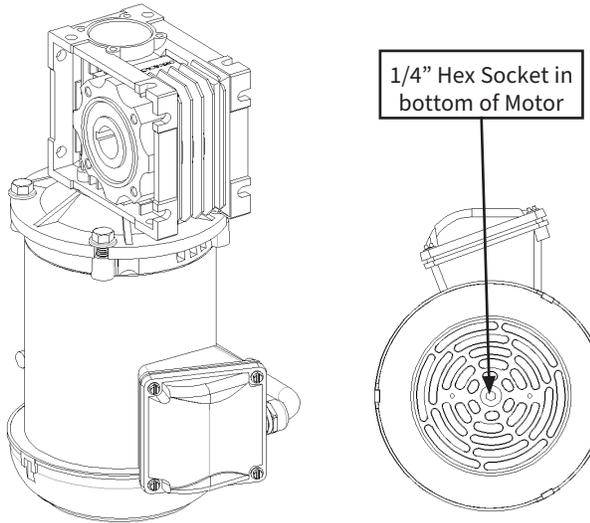**DO NOT** use an impact driver or a ball-end hex drive in the hex socket of the motor, it may damage the hex socket.

1/4" Hex Socket in bottom of Motor
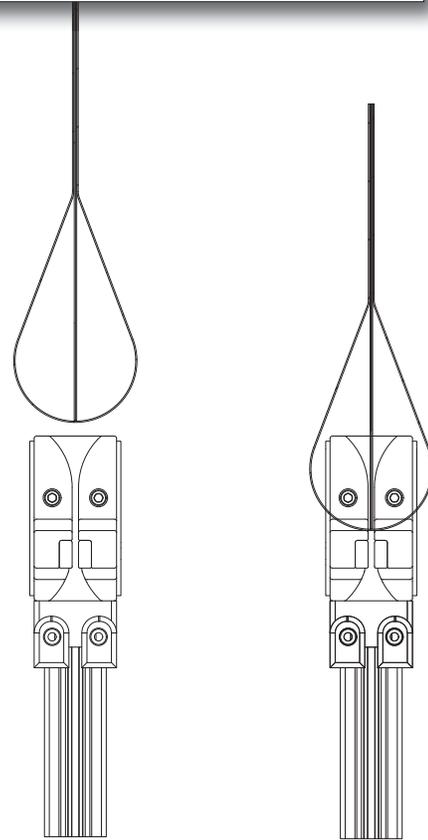
Figure 12: Correct routing of the Curtain through Re-Feed Blocks.

Figure 11: Hex drive socket on Motor.

Curtain Installation Continued

Important Tips To Install The Door Properly:

- Insure the bottom of the door curtain is taught but not too tight when closed. A curtain that is too tight will prevent the door from closing properly.
- If the Curtain is too tight, or sagging at the top, middle, or bottom along the curtain vertically, loosen the closest mounting screws in the Face Frames and adjust the Face Frame's position horizontally at that point.
- Repeat this at several different heights, to ensure the Curtain is hanging straight, and is not overly tight or loose, to insure optimum operation and sealing.
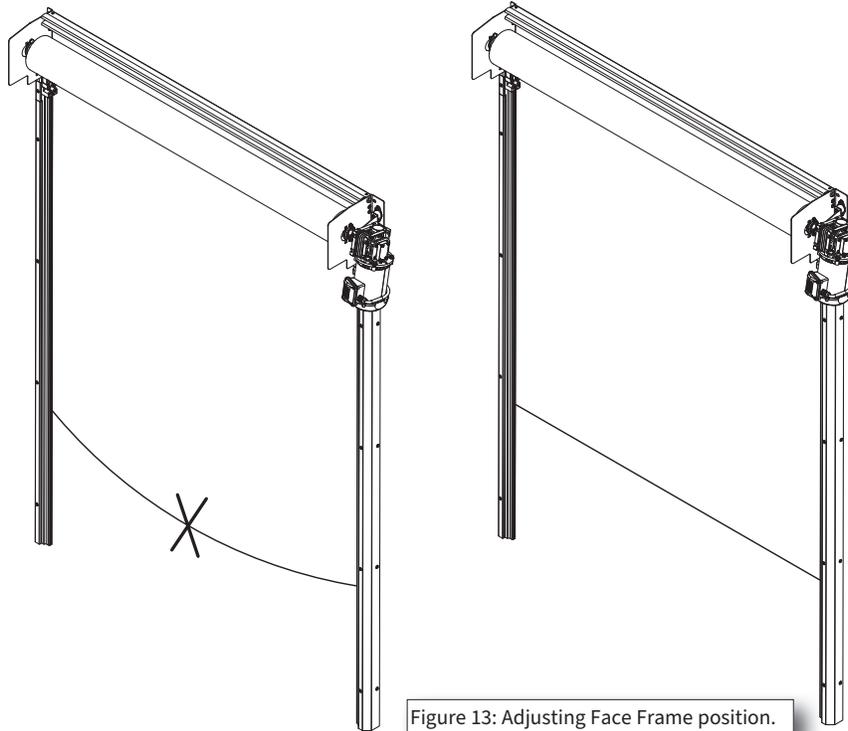
Figure 13: Adjusting Face Frame position.

Install The Door Correctly:

insure that when the Curtain is lowered that Curtain alignment is even from side to side. There should be no puckering or distortion of the Curtain when it is raising or lowering. If the Header has been installed level, and the Side Frames have been installed plumb and at the correct width, and adjusted as noted above, there should be no puckering of the Curtain.

Figure 14: Curtain alignment.

Curtain Installation Continued

The Curtain should be level enough that the bottom edge of the Curtain lands between the upper & lower edges of the Re-feed Target labels on the upper Re-feed Blocks (figure 15). If both ends of the Curtain do not land in those zones:

1. Position the Curtain so that the bottom edge is in-line with the target zone labels on both Upper Re-Feed Blocks.
2. Check that both sides align within the Re-Feed Block upper limit target zones.
3. If one side is NOT within the zone, run the Curtain all the way down to the ground.
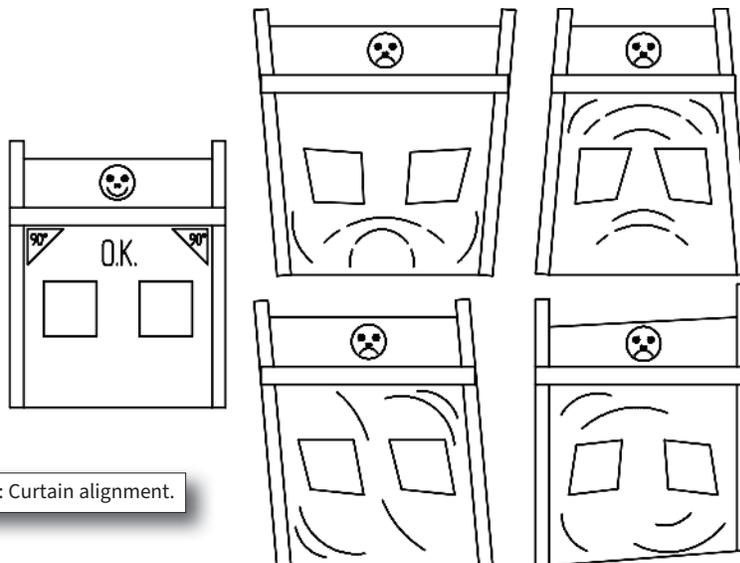4. Add a PVC Curtain Fabric Shim between the Drum and the Curtain where the Curtain attaches to the Drum, on the side that is lower.
5. Check for level and repeat if necessary until both sides can align within the upper limit target zones.

Bottom edge of Curtain

Target Zone label on Upper Re-Feed Block.
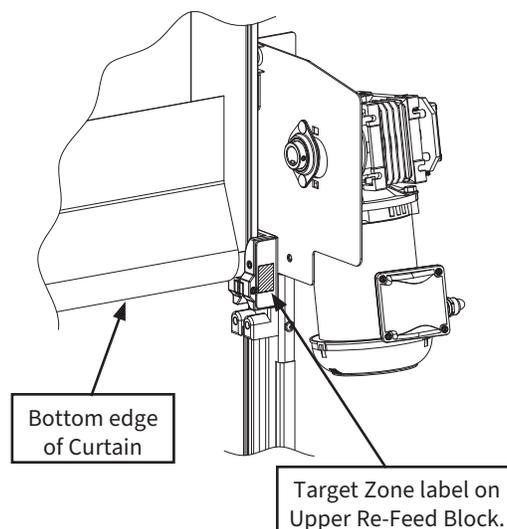
Figure 15: Leveling Curtain on the Re-Feed Blocks target zones.

⚠ WARNING

Check all warnings weekly. Door may unexpectedly close. Failure to mount and maintain all warning labels and instructional litera-ture could result in serious injury or death.

Warranty and Liability

Two warning labels are provided (figure 16).

Mount the warning labels approximately 60" from the floor. One label should be on the operator side on the mounting wall surface. The other label should be located on the other side of the wall, opposite of the operator.

Warranty claims will only be considered if the door was being operated and treated correctly.

In the event of unauthorized repairs and modifica-tion to the construction and the operation of the door, the warranty will be invalidated.

This rule also applies to damage resulting from de-fects that are the consequence of failure to follow the operating instructions or of inadequate main-tenance of the door.
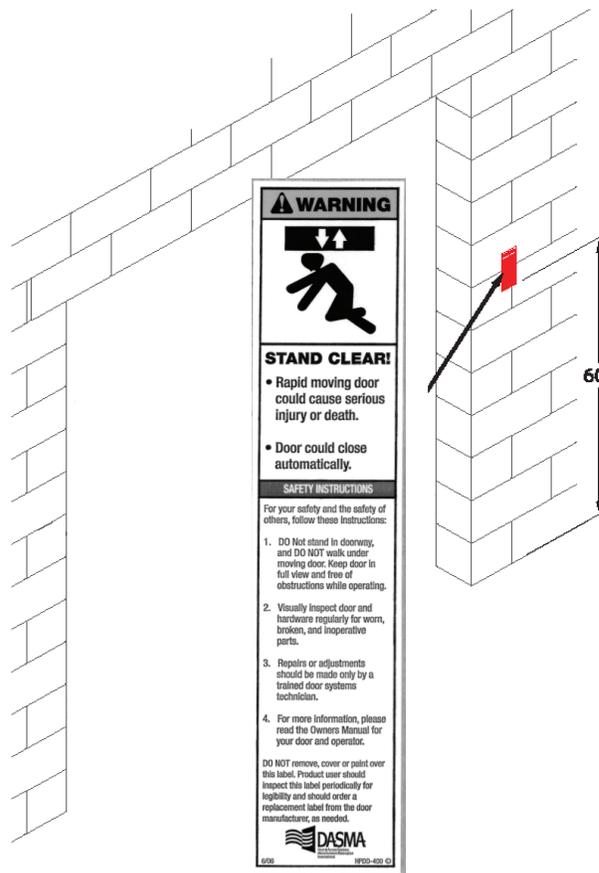
Figure 16: Warning Label locations.

Electrical Installation

Precautions With The Door Controller:

⚠ DANGER

When the Door Controller has power supplied to it, the electrical elements and a number of operating controls are also 'live'. Never touch these elements. This is extremely dangerous. The cover of the Door Controller must always be closed.

If an emergency stop is activated, the Door Controller remains 'live''. If this is a threat to the safety of the staff, the power circuit must be interrupted by locking the main switch on the control box.

After turning off and locking the main power switch, it is always necessary to wait 5 minutes before starting work. This is the time required to discharge the capacitors of the Door Controller.

The Door Controller has integrated safety systems for stopping the door. A mechanical block, fluctuations in voltage and interruptions of the power supply, can also bring a door to a stop. This is shown with a fault message on the Door Controller screen. After locking the main switch, and having removed the blockage, the main switch has to be unlocked and powered back on.

In the event of work (on the electrical and/or mechanical part of the installation), the power supply to the Door Controller must be switched off; to do this, the main switch on the control box must be locked.

Electrical Installation Continued

NOTE

Wiring must be completed by a licensed electrician. All wiring connections must be in accordance with all local. state, federal, NEC or other governing agency codes. Reference electrical drawings shipped with door.

Refer to electrical schematic for connections.

1. Make sure pre-wired cable supplied is of sufficient length to enable location of control box where desired. Mount control box to a convenient location, leaving sufficient room for control box door to be opened.

2. All wiring should be installed and connected by a qualified electrician who is knowledgeable with NEC article 430 and with local regulations. Electrician should make sure that the voltage and frequency of the electrical supply corresponds with the motor data listed on the control box cover.

3. Do not wire any external activation devices until the door limits are set.

CAUTION

Protect and cover all electrical components inside the control box prior to drilling enclosure. Failure to do so may result in component malfunctions.

INSTALLATION

Wiring Layout

NOTE

- Any wiring by others MUST come into control box from bottom as shown, or warranty is void.
- Isolate High & Low voltage wires in separate conduit.
- Fused disconnect complying with applicable electrical codes must be supplied by **others.**

1. Pre-wired cable from motor must not be spliced. Run this cable to control box (Figure 17).
2. From a fused disconnect, route power supply wires to the control panel and connect to incoming power block. Also attach the ground wire to the control panel lug.
3. All connections for motor, encoder, photoeyes, along with any field added devices should be made per the schematic.
4. All wiring connections to be terminated in the Control Box.
5. If using an induction loop system, all loops should be in series.

Install the control box at a location agreed with the user. Check that the power supply agrees with the connections of the transformer, motor, and Door Controller. If necessary, modify.
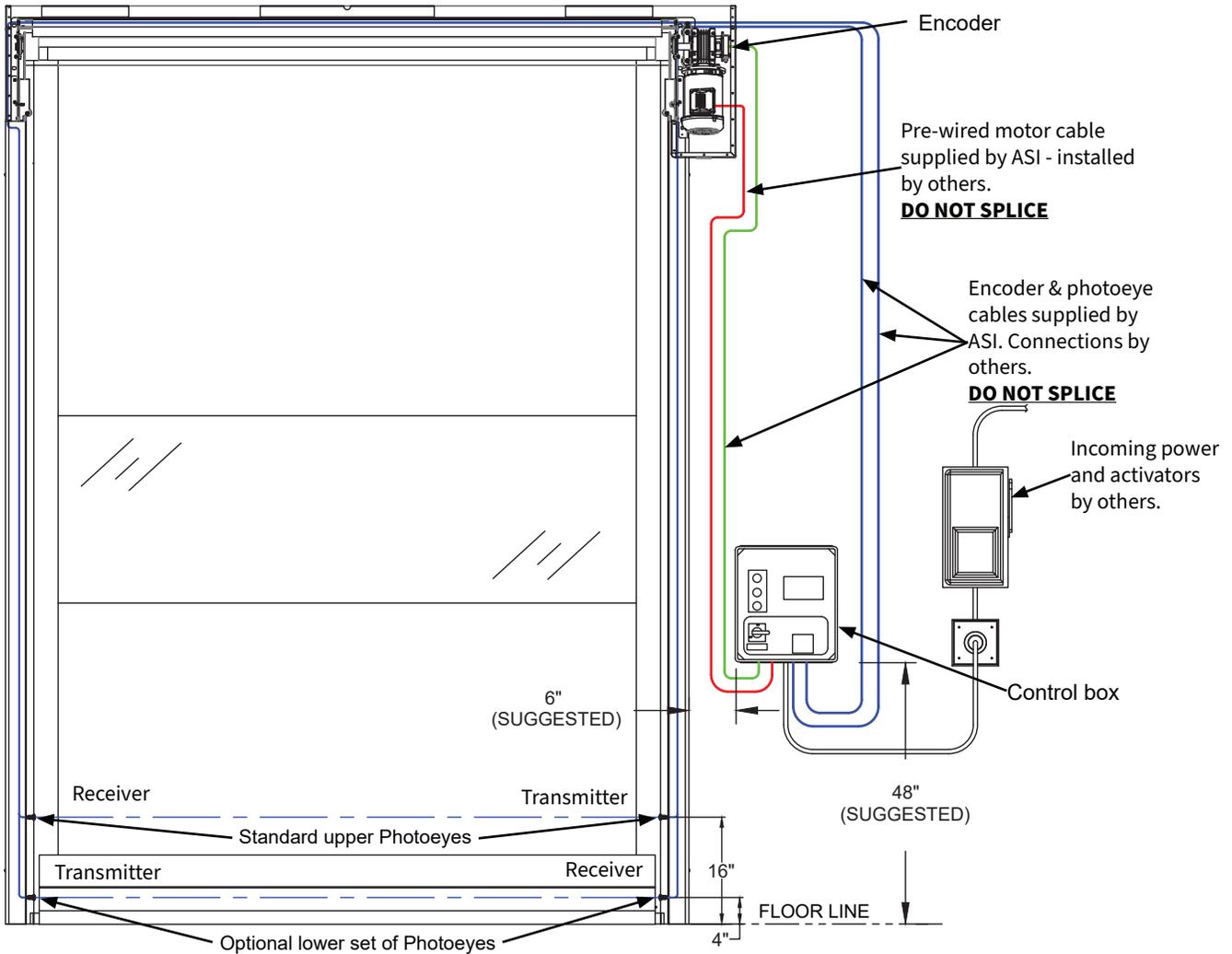

Figure 17: Wiring layout.

Electrical Installation Continued

Control Panel typical Wiring

Typical Control Box wiring is shown below. Wiring specific to your door will be shown on the wiring diagram included with your door.
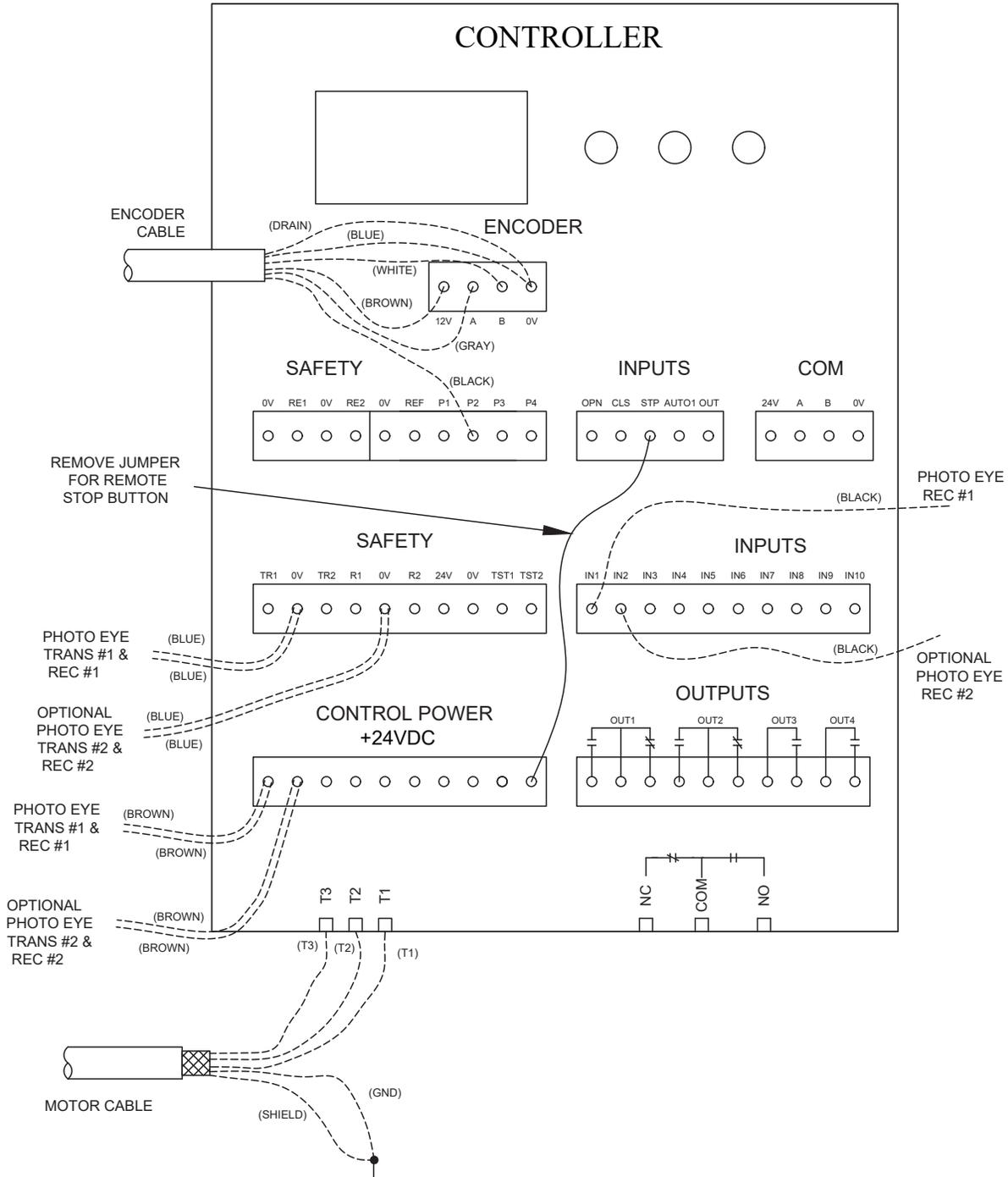
Figure 18: Typical Control Box Wiring.

Electrical Installation Continued

Connect the following in accordance with the electrical diagram and the specific notes supplied with the door:

- The Motor Cable - **has shielding that is required for proper drive operation.**
- The Encoder Cable that controls the OPEN/CLOSED positions of the door.
- The Photo-eye wire(s) from each side frame (see illustrations for routing).
- Any additional remote added devices and control wiring.

Wire routing for Photoeyes
Note: Wiring shown with Control Panel mounted on the Drive Side.

Idler side P/E lead routed through Header Channel

Drive Side

Idler Side

Idler side P/E lead

All P/E leads routed out to Control Box

Figure 21: Photoeye routing, upper Drive side.

Figure 19: Photoeye routing, upper idler side.

Figure 20: Photoeye wire routing.

Upper Photoeye

Optional lower Photoeye

1. Insert Photoeye(s) into photoeye holes in Face Frames. Face Frame Covers must be off for routing P/E lead wires (see image on page 16).
2. Route P/E leads on idler side up through Face Frame channel, through grommet in idler side Header Plate, and through Header Channel to drive side of Header. Use the provided string to pull the wires through the gasket channel. Route leads around Drive, and down the outside of drive side Face Frame to Control Box (Figure 19).
3. On Drive side, route P/E leads up through Face Frame channel, over the top of the Face Frame, and down the outside of drive side Face Frame to Control Box (Figure 21) (Drive & components hidden for clarity).

Figure 22: Photoeye routing, lower drive & idler side.

Electrical Start-Up

Table 01 - Control Box Descriptions Table

Item	Description
OPEN button	Opens door when pressed.
STOP button	Stops door when pressed.
CLOSE button	Closes door when pressed.
Power Disconnect Handle	Applies/removes AC input power when rotated 90°. Vertical position (shown): Power applied / horizontal position: Power disconnected.
Display	The display provides the primary user interface. The display is visible through the enclosure door. It provides controller and door status indications during normal operation. It also provides programming and setup menus, and error indications.

Figure 23: Control Box Detail

INSTALLATION

Input Power Connections (Mains)

Wiring Guide

FACTORY DEFAULTS

INPUTS
IN1 – PHOTOEYE #1
IN2 – PHOTOEYE #2
IN3 – PROGRAMABLE
IN4 – REVERSE
IN5 – LOCK CLOSE
IN6 – LOCK CLOSE
IN7 – PROGRAMABLE
IN8 – STOP
IN9 – PROGRAMABLE
IN10-OUTSIDE ENABLE

OUTPUTS
OUT1 – DOOR OPEN
OUT2 – DOOR CLOSED
OUT3 – DELAY TO CLOSE
OUT4 – NOT CLOSED

WIRING

ENCODER

12V ... Brown
A .... Gray
B .... White
OV ..... Blue
OV ..... Drain
P2 ......Black

Menu / Enter Button

Exterior Button Connector

Display

System Config

Up Button

Down Button

PRESS & HOLD TO EXIT MENU

EXPRESS MENU

1   4

Menu / **Enter**   **UP** ▲   **DOWN** ▼

Encoder Connection

Standard Inputs

SAFETY
REVERSING EDGE

OV RE1 OV RE2
1   2   3   4

ENCODER

+ A B OV

OV REF 12V A B OV
          P1 P2 P3 P4
5   6   7   8   9   10

INPUTS
STANDARD

OPEN CLOSE STOP AUTO 1 OUTSIDE
1   2   3   4   5

COM
RS 485

24 V A B OV
+ A B OV

RS 485 COM Terminal Block

SAFETY
MONITORED PHOTOEYES

TR1 OV TR2 R1 OV R2 24 V OV TEST 1 TEST 2
1   2   3   4   5   6   7   8   9   10

INPUTS
CONFIGURABLE

IN1 IN2 IN3 IN4 IN5 IN6 IN7 IN8 IN9 IN10
1   2   3   4   5   6   7   8   9   10

Configurable Inputs Terminal Block

Control Power Terminal Block

CONTROL OUTPUT POWER
+24 VDC (ALL)

1 2 3 4 5 6 7 8 9 10

OUTPUTS
RELAY

OUT 1 OUT 2 OUT 3 OUT 4
1 2 3 4 5 6 7 8 9 10

Output Relay Terminal Block

Motor Connection

Figure 24: Controller Features

Electrical Start Up Continued
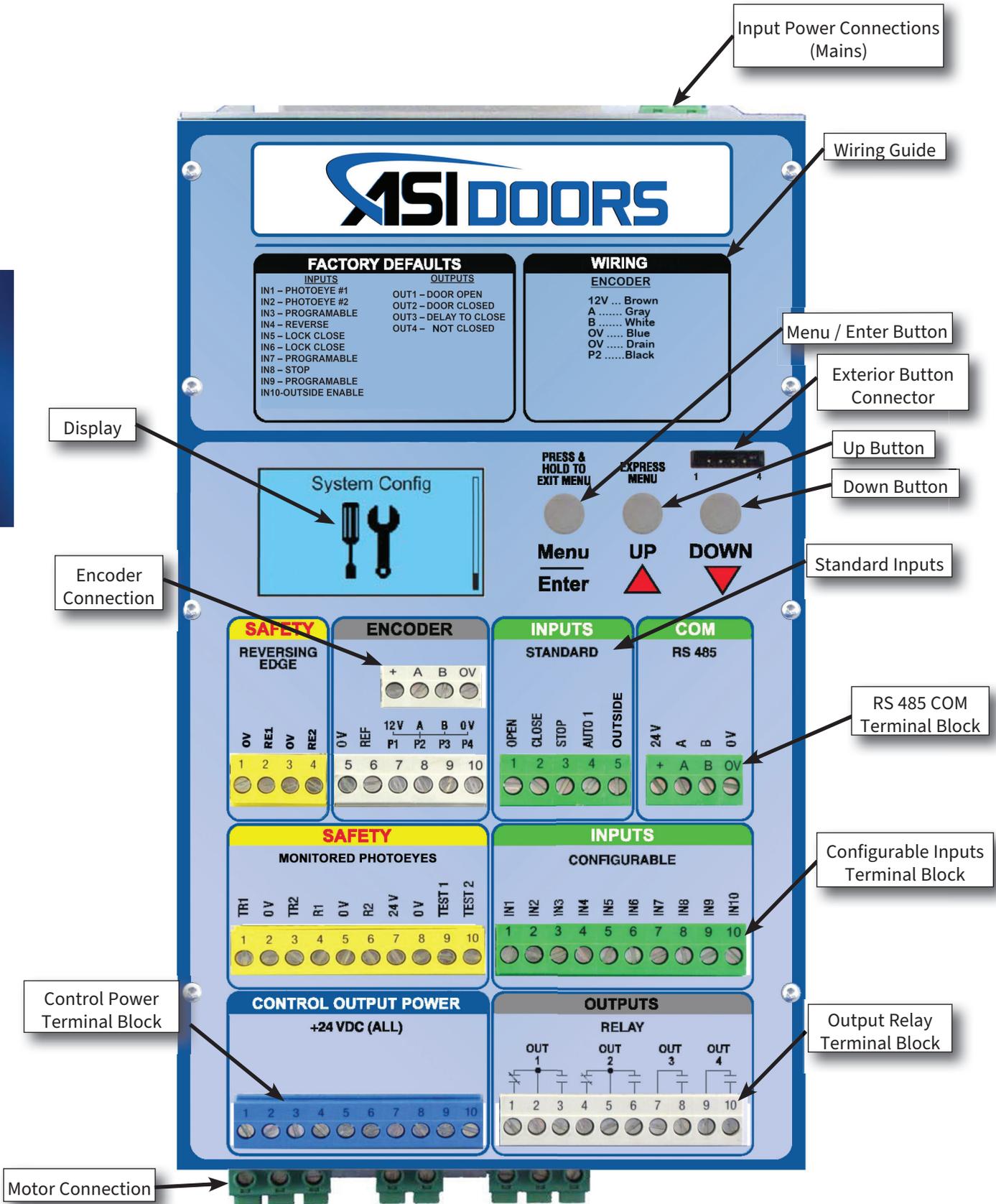
⚠ WARNING

Warning Control box contains HIGH VOLTAGE! The following procedures should be performed by qualified electrical personnel only. Wiring must meet all local, state, federal and international, or other governing agency codes. Failure to do so could result in serious injury or death.

Table 01 - Controller Feature Descriptions Table

Item	Description
Menu/Enter button	Press once to enter a menu or confirm a selection during programming. Press and hold to exit the current menu or cancel a programming selection.
UP ▲ button	During programming and setup, press to navigate through menus or to jog the door in the open direction in certain menus. While on an IDLE screen, press to enter EXPRESS menu.
Exterior Button Connector	Connects the ribbon cable from the OPEN/STOP/ CLOSE switches on the enclosure door to the DGII.
DOWN ▼ button	During programming and setup, press to navigate through menus or to jog the door in the closed direction in certain menus.
Motor Connections	Terminal blocks for connecting the motor are located on the bottom of the controller.

INSTALLATION

Controller Functions

Controller Power-up

<div align="center">

NOTE

NOTE refer to electrical schematics for wiring connections.

</div>

After all connections are made, apply power to the controller.

The controller powers up when ac power is applied. Confirm that the following start-up screens are displayed when the controller is powered up. Screens are shown for 3 seconds each. Button presses or other inputs are ignored during start-up screen display. An information screen sequence takes place whenever the controller is powered on.

When the power-on sequence is complete, the idle screen is displayed. If there is a problem with a connection or with the controller, an error code may be displayed.

Using the Menus

- To enter any menu or selected sub-menu, briefly press the menu/enter button.
- Use the ▲ and ▼ buttons to scroll through menu options. The current selection is highlighted in black with light text.
- To exit any menu, press and hold the menu/enter button.

Entering a Passcode

Some menus may require a 3-digit passcode to gain access. This helps prevent unauthorized personnel from changing the controller settings.

The code request screen shown at left appears when a menu is protected by an access code. Use the ▲ and ▼ buttons to enter the code, then press the menu/enter button to accept the code.

Controller Functions Continued

Menu Structure

Figure 25 is a diagram showing the Controller menu structure. The key presses to navigate through the main menus are also shown (Menu/Enter, ▲ and ▼).
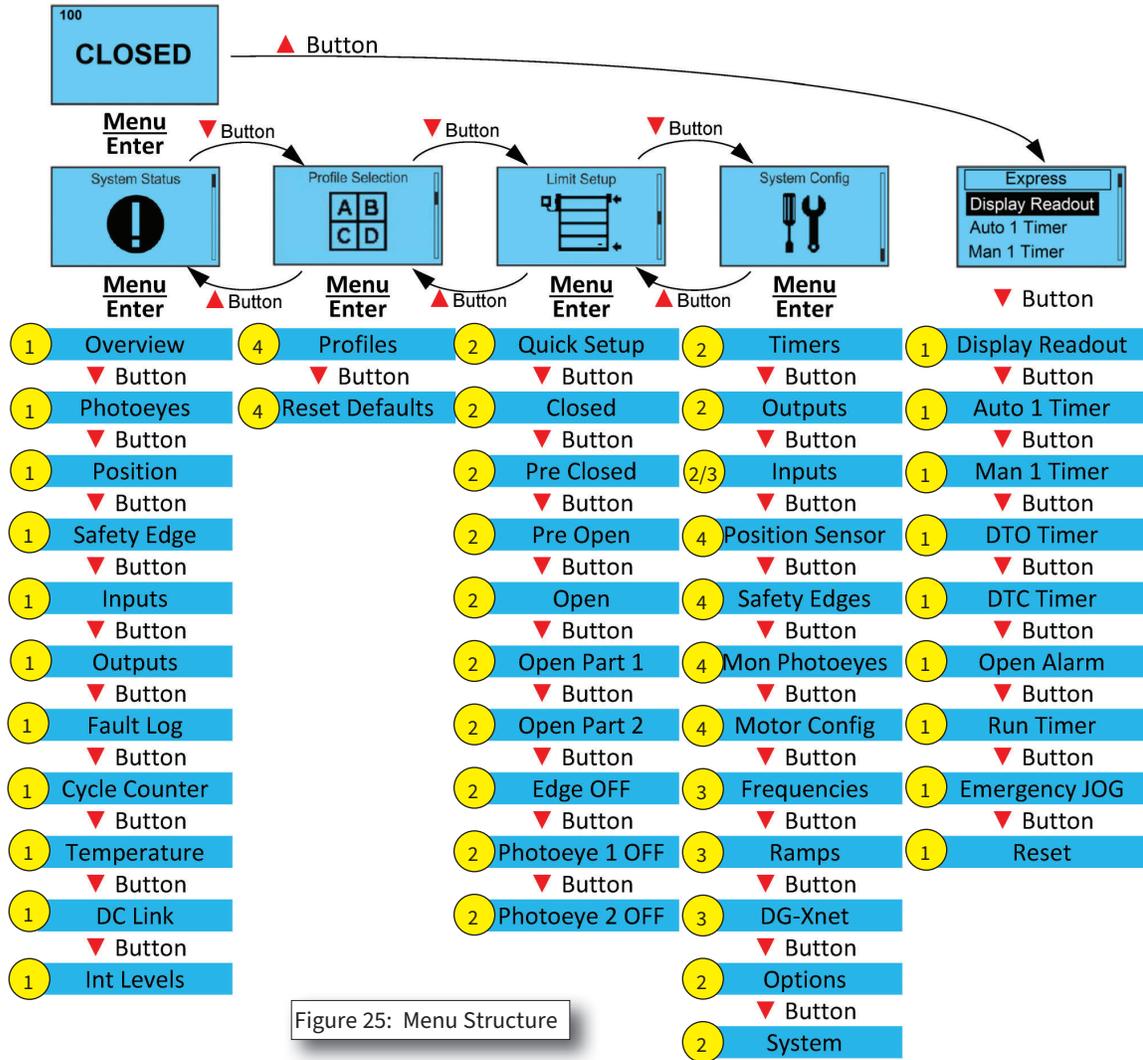To exit any menu, press and hold the Menu/Enter button.

Figure 25: Menu Structure

CLOSED (100)	▲ Button

System Status — **Profile Selection** — **Limit Setup** — **System Config** — **Express** (Display Readout / Auto 1 Timer / Man 1 Timer)

System Status	Profile Selection	Limit Setup	System Config	Express
(1) Overview	(4) Profiles	(2) Quick Setup	(2) Timers	(1) Display Readout
(1) Photoeyes	(4) Reset Defaults	(2) Closed	(2) Outputs	(1) Auto 1 Timer
(1) Position		(2) Pre Closed	(2/3) Inputs	(1) Man 1 Timer
(1) Safety Edge		(2) Pre Open	(4) Position Sensor	(1) DTO Timer
(1) Inputs		(2) Open	(4) Safety Edges	(1) DTC Timer
(1) Outputs		(2) Open Part 1	(4) Mon Photoeyes	(1) Open Alarm
(1) Fault Log		(2) Open Part 2	(4) Motor Config	(1) Run Timer
(1) Cycle Counter		(2) Edge OFF	(3) Frequencies	(1) Emergency JOG
(1) Temperature		(2) Photoeye 1 OFF	(3) Ramps	(1) Reset
(1) DC Link		(2) Photoeye 2 OFF	(3) DG-Xnet	
(1) Int Levels			(2) Options	
			(2) System	

NOTE

NOTE the table at the right refers to the numbers by each menu item. Different menu items have different levels of security, and higher level items require a higher level password to access.

1	User Level
2	Tech Support Level 1
3	Tech Support Level 2
4	OEM Level

Controller Functions Continued

Express Menu

| Express |
| Display Readout |
| Auto 1 Timer |
| Man 1 Timer |
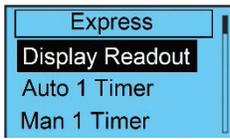
The express menu, allowing rapid programming, is available from the idle screen by pressing the ▲ button. The express menu provides options to the user to quickly access certain door parameters and view of internal controller parameters for troubleshooting. Press the ▼ button to scroll down through the express menu. Press and hold the menu/enter button to exit the express menu when finished.

Display readout
The following options are available for the controller display. The options other than **normal** are intended for use as troubleshooting aids only. The display should always be set to **normal** when the door is in use.

Use the ▼ button to highlight an option, then press the menu/enter button to select it.

Normal: select to return the display to the normal idle screen display after troubleshooting is complete.

Motor Current: displays the motor current when selected. This is useful for performing troubleshooting and is not intended for use as the normal operational display.

DC Link: displays the internal DC voltage when selected. This is useful for performing troubleshooting and is not intended for use as the normal operational display.

Position: displays the door's current position.

Measured Frequency: displays the measured frequency from the motor in Hz. This value correlates to the speed of the motor.

Output Frequency: displays the current frequency being applied to the motor. This value correlates to the speed of the motor.

Auto Close Timer
The time period after which the door will close automatically after an auto input has been activated and released, in seconds and tenths of seconds. To edit the time interval, use the ▲ and ▼ buttons to select the desired value, then press the menu/enter button to store it. The message stored is briefly displayed, then the screen returns to the express menu.

Setting the value to zero disables the auto close timer.

Manual Close Timer
The time period, in seconds and tenths of seconds, after which the door will close automatically, after a manual input has been activated and released. To edit the time interval, use the ▲ and ▼ buttons to select the desired value, then press the menu/enter button to store it. The message stored is briefly displayed, then the screen returns to the express menu.

Setting the value to zero disables the manual close timer.

Controller Functions Continued

DTO Timer

Delay-to-open time period, in seconds and tenths of seconds. After an open input is activated, the controller will delay the opening of the door by the set amount. To edit the time interval, use the ▲ and ▼ buttons to select the desired time, then press menu/enter button to store it. The message stored is briefly displayed, then the screen returns to the express menu.

DTC Timer

Delay-to-close time period, in seconds and tenths of seconds. After a close input is activated, the controller will delay the closing of the door by the set amount. To edit the time interval, use the ▲ and ▼ buttons to select the desired time, then press the menu/enter button to store the value. The message stored is briefly displayed, then the screen returns to the express menu.

Open Alarm

Use this timer, along with an output whose function has been set to open alarm, to signal if a door has been left open for too long.

Open alarm timer, in seconds and tenths of seconds. To edit the time interval, use the ▲ and ▼ buttons to select the desired value, then press the menu/enter button to store it. The message stored is briefly displayed, then the screen returns to the express menu.

Setting this value to zero disables the open alarm.

Run Timer

Run timer value, in seconds. The run timer is a safety feature that stops door movement if the controller detects that the door is still in motion after the run timer period elapses. Set the run timer to a value of 1 to 4 seconds longer than the time required to open or close the door, whichever is greater. The run timer starts every time the door moves. If the door does not stop moving before the run timer expires, the DGII® stops the door.

To edit the time interval, use the ▲ and ▼ buttons to select the desired value, then press the menu/enter button to store it. The message stored is briefly displayed, then the screen returns to the express menu.

Emergency JOG

Provides the ability to jog the door using the ▲ and ▼ buttons. Any connected safety inputs are ignored to allow unrestricted door movement.

> ⚠ **CAUTION**
>
> Any connected safety devices are ignored to allow unrestricted door movement

Setting Door Limits

NOTE

NOTE this door is equipped with an encoder system to monitor door position. Before the door can be put into operation the door limits MUST be set. This process involves jogging the door to the respective positions and setting the limits.

The use of a ball-end hex shaft or an impact driver is NOT recommended, and may damage the motor or the hex drive socket.

⚠ WARNING

Warning keep doorway clear during calibration mode rapid moving door could cause serious injury or death. Follow instructions for proper manual operation failure to heed these warnings could result in equipment and/or property damage, bodily injury or death.
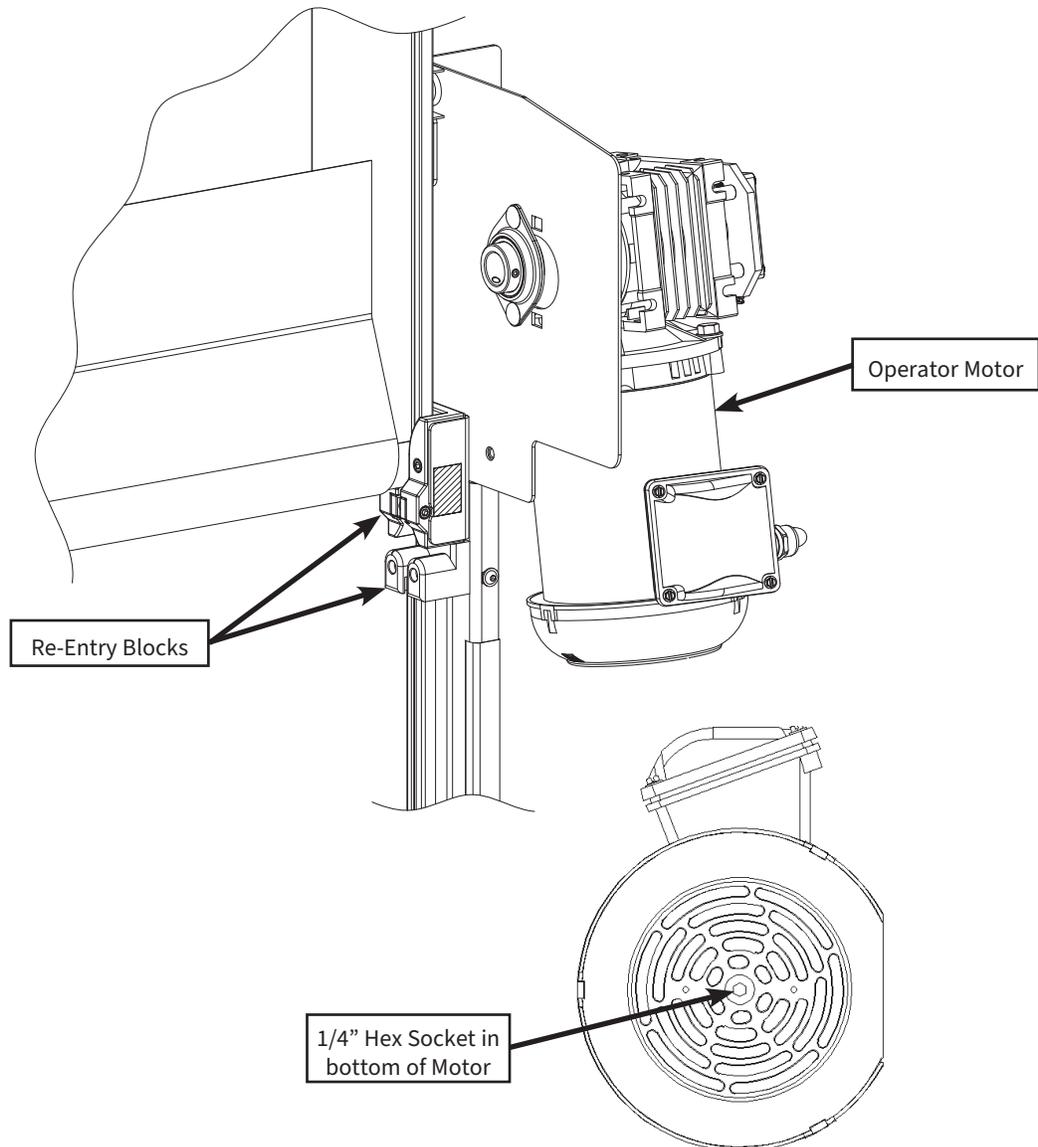
Operator Motor

Re-Entry Blocks

1/4" Hex Socket in bottom of Motor

Figure 26: Operator Assembly and Comonents

Setting Door Limits Continued

1. Manually move door approx. 24" from either end position.
2. Press the Menu/Enter button (Figure 28).
3. Using the up & down arrows go to LIMIT SET-UP screen.
4. Press the Menu/Enter button.
5. If prompted for password use 777 and press Menu/Enter button.
6. Go to QUICK SETUP and press the Menu/Enter button.
7. Follow controller instructions on the display screen.
   a. Using the UP & DOWN buttons jog door through full door travel 2 times to confirm there is no binding or obstructions. Correct as needed. (Door could be phased wrong, if so, use opposite button to move door to the center position, DO NOT re-phase motor).
   b. Press Menu/Enter.
   c. Using the Up & Down buttons, jog the door to the approximate center position.
   d. Press Menu/Enter.
   e. The controller now needs to check motor phasing. Press and hold the up button. The door will move approximately 18" in a direction and stop automatically.
   f. Confirm door direction.
      i. Press the UP button if the door went up.
      ii. Press the DOWN button if the door went down.
   g. The door is now ready to set the open limit. Using the Up & Down buttons, jog the door to the desired open limit.
   h. Press Menu/Enter to complete open setting.
   i. Door is now ready to set the upper Photo-eye position. Using the Up & Down buttons, jog the door to just above the highest Photo-eye in the Side Frame.
   j. Press Menu/Enter to complete photo-eye setting.
   k. The door is now ready to set the close limit. Using the Up & Down buttons, jog the door to the desired close limit.
   l. Press Menu/Enter to complete the close setting.
8. Limit setup is now complete. The controller will return back to the main menu.
9. If the door's reversing edge system has already been paired with the controller, test door operation. If additional adjustments are needed, refer to "Minor Door Adjustments" section.
10. If the doors reversing edge has not been paired with the controller, proceed to the "Pair Transmitter & Controller" instructions before testing door operations.

Minor Door Adjustments

1. Press Menu/Enter.
2. Using the up & down arrows go to the LIMIT SET-UP screen.
3. Press the Menu/Enter button.
4. If prompted for password use 777 and press Menu/Enter button.
5. Go to the desired item to adjust and press Menu/Enter.
6. Adjust value and press Menu/Enter.
7. Repeat as needed for additional adjustments.
8. When complete, the controller must be returned to the main screen. Press and HOLD the Menu/Enter button until you are on the main screen.
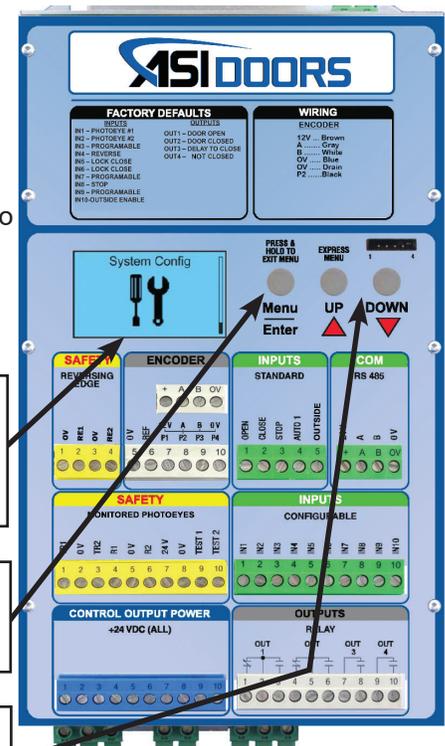

Figure 27: Control Box

Keypad Display Screen

Menu/Enter Button

Up/Down Buttons

Figure 28: Controller Functions

Setting Door Limits Continued

Pair Transmitter & Controller:

The wireless transmitter MUST be paired with the controller for the reversing edge system to function correctly. Follow the steps below to pair a transmitter with the door controller. These steps must be followed when setting up the door for the first time, replacing the transmitter, or re-pairing the existing transmitter.

1. On the controller, press "menu" (Figure 30)
2. Scroll to "system config"
3. Press "enter"
4. Ender code "777"
5. Press "enter"
6. Scroll to "options"
7. Press "enter"
8. Select "SeyWave host"
9. Press "enter"
10. Scroll to "clear all"
11. Press "enter"
12. Press "UP" button to Reset SeyWave. Clearing SeyWave will appear on the screen.
13. Scroll to "Pairing" on the controller and press enter. For the next 10 seconds the controller will be "Looking for Remotes".
14. Double bump the bottom edge with your hand within a 2 seconds interval (approx. 10"-12" from outer edge of door) to pair the transmitter to the controller.
15. If the pairing is successful, the controller will beep.
    a. If the beep is not heard and the controller still displays "Looking for Remotes" repeat step 14 until the beep is heard.
    a. If the beep is not heard and the controller no longer displays "Looking for Remotes" repeat steps 10-14.
16. After successfully pairing press and hold the "enter" button to return to the main menu.
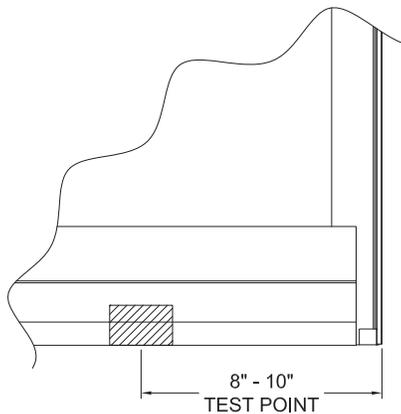

8" - 10"
TEST POINT

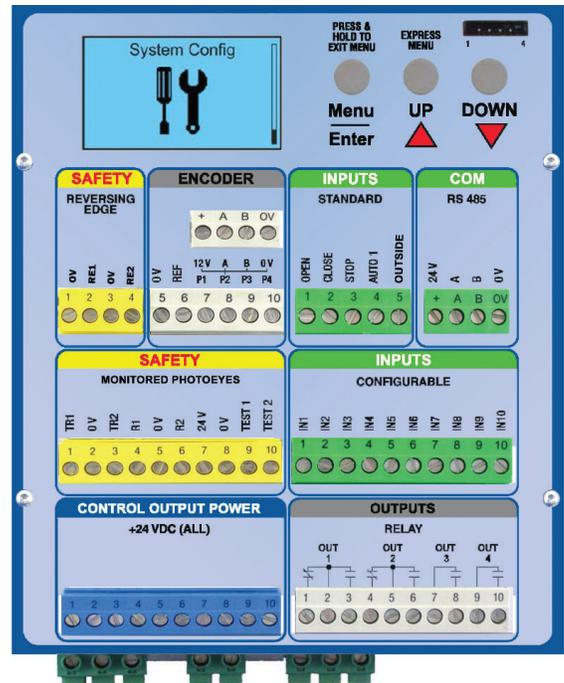Figure 29: Location to test reversing edge

Figure 30: Controller Detail

Setting Door Limits Continued

Test Reversing Edge:

1   The reversing edge is embedded in the bottom of the curtain. Test the reversing edge while the door is closing by blocking the bottom of the curtain near the center of the door with your hand to assure the reversing edge is functioning properly. (Figure 31). It should reverse on contact.
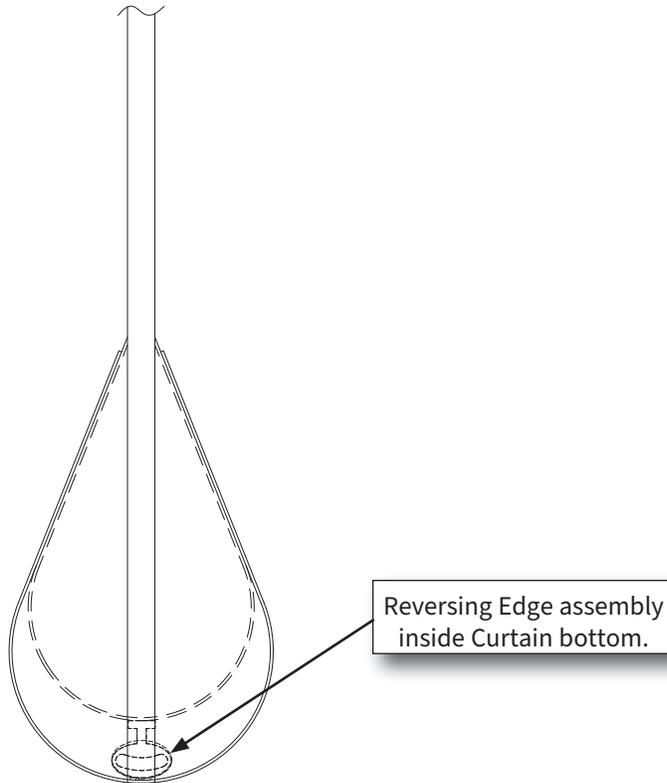
2   Close the door fully.

Reversing Edge assembly inside Curtain bottom.

Figure 31: Testing the Reversing Edge

Curtain Travel Troubleshooting

Trouble shooting & corrective action steps:

1) Insure that the guides have not been damaged. This could cause the door to travel unevenly through the guides, thus affecting overall performance and could result in back roll issues.

2) Insure that the guides are installed plumb & square and the barrel is level (review installation instructions). It may also be necessary to move one or both guides "in". This is usually the case in extreme air pressure applications. This will require removing the guide cover(s), loosening the mounting bolts, and moving the guide(s) in slightly.

3) If the application temperature, on either side of the opening is subject to falling below 40 degrees, the door may have trouble closing. Consult with the factory for possible options if this occurs.

4) Insure the flag plates are slightly tapered inwards (review installation instructions). This will allow ease of re-feeding the curtain through the upper portion of the guide blocks. Too taut between guide blocks could result in poor door performance.

5) Insure both sides of the curtain align within the guide block targets shown on the upper guide block holder (review installation instructions). Not aligning them could result in uneven door travel, thus possible malfunctioning of door travel during normal operation and breakout situations.
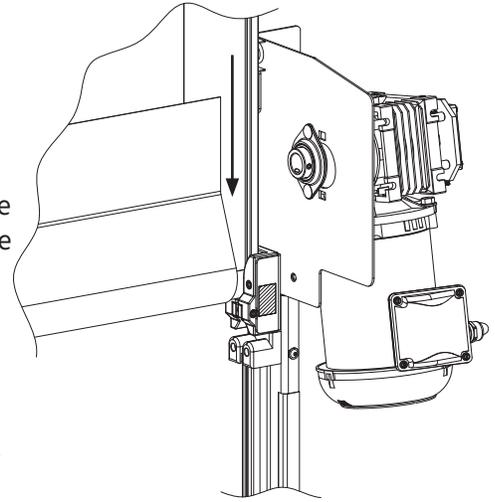

Figure 32: Curtain travel through the Re-Feed Blocks.

Face Frame Cover Installation

Install Face Frame Covers:

1. After all electrical setup is complete, and photoeye wiring is done, install the Upper & Lower Face Frame Covers (Figure 33).
2. Retrieve the ¼-20 screws and the LH & RH Lower Face Frame covers you removed earlier. Also retrieve (2) Upper Face Frame Covers (P/N 13B3182NN) & (4) more ¼-20 screws (P/N 41A868) from the loose parts box.
3. Install the LH & RH Lower Face Frame covers using the ¼-20 screws you put aside earlier (figure XX).
4. Install the (2) Upper Face Frame Covers (P/N 13B3182NN) & (4) ¼-20 screws (P/N 41A868) on the 2 Cage nuts already installed on the LH & RH header flanges right above the ends of the lower Face Frame Covers.
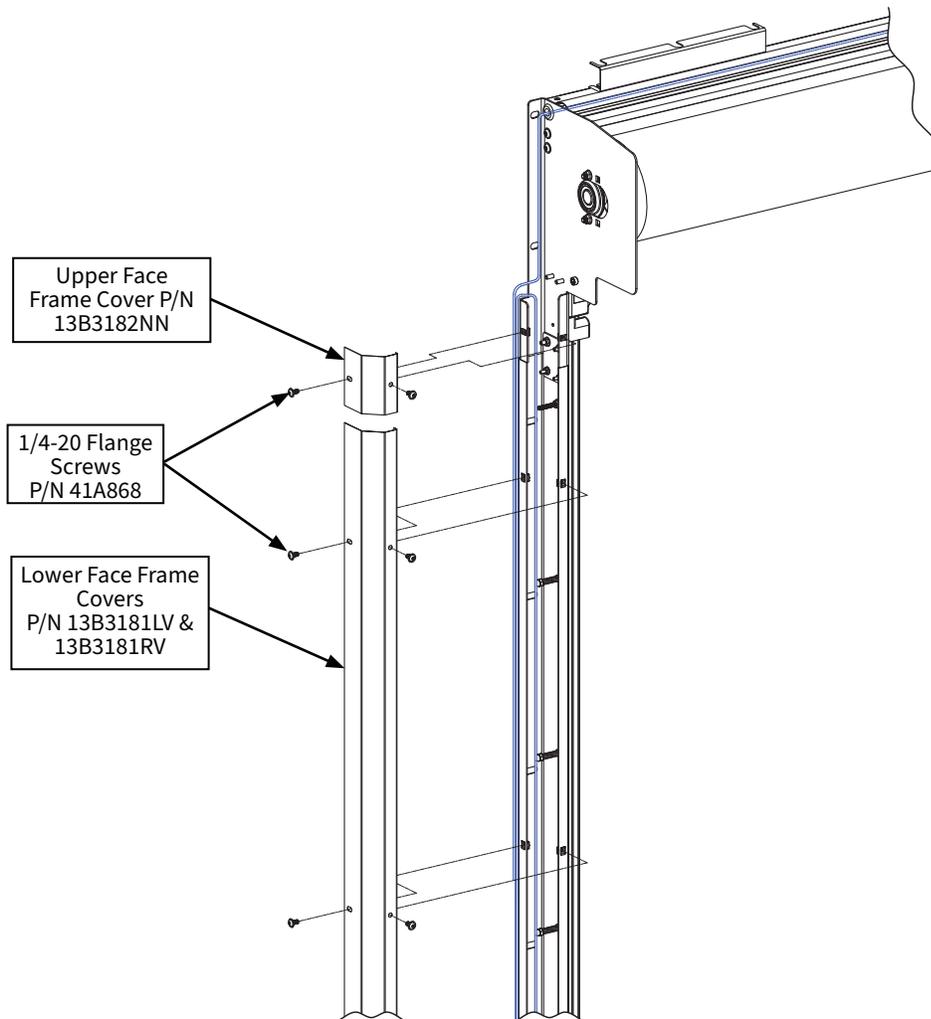
Upper Face Frame Cover P/N 13B3182NN

1/4-20 Flange Screws P/N 41A868

Lower Face Frame Covers P/N 13B3181LV & 13B3181RV

Figure 33: Install Lower & Upper Face Frame Covers on RH & LH Face Frames.

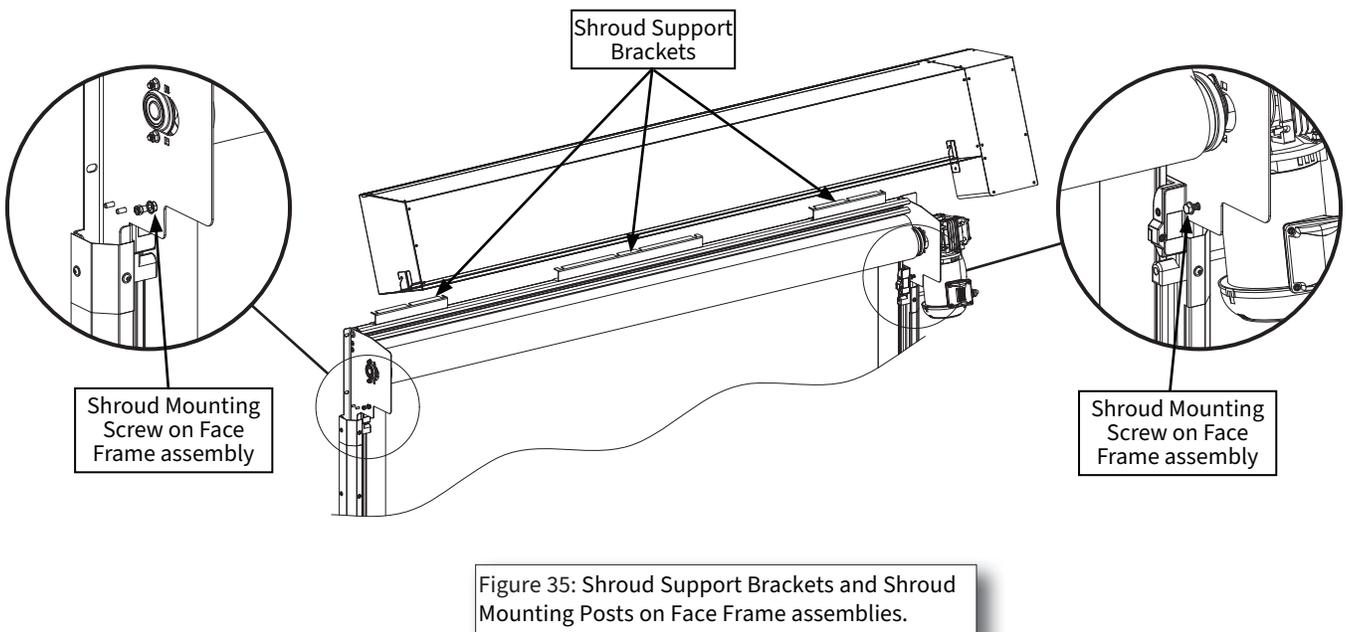# Shroud Installation

Shroud Install steps:

1. To mount the shroud, retrieve the Shroud Weldment from the shipping box. Also retrieve (2) 5/16-18 X ¾" Whizlock Screws from the loose parts box.
2. Install the (2) 5/16-18 X ¾" Whizlock Screws into the holes on the inside surfaces of the Header Flag Plates, shown in figure 35 below. Leave a 1/4" - 3/8" gap between the flanges of the screws and the inside surfaces of the Flag Plates.
3. Using 1 person on each end of the Shroud, each in a scissors lift on each end of the door opening, lift the Shroud Weldment into approximate position in front of the Door Header.

Figure 34: Shroud Mount Brackets on back of Shroud Weldment.
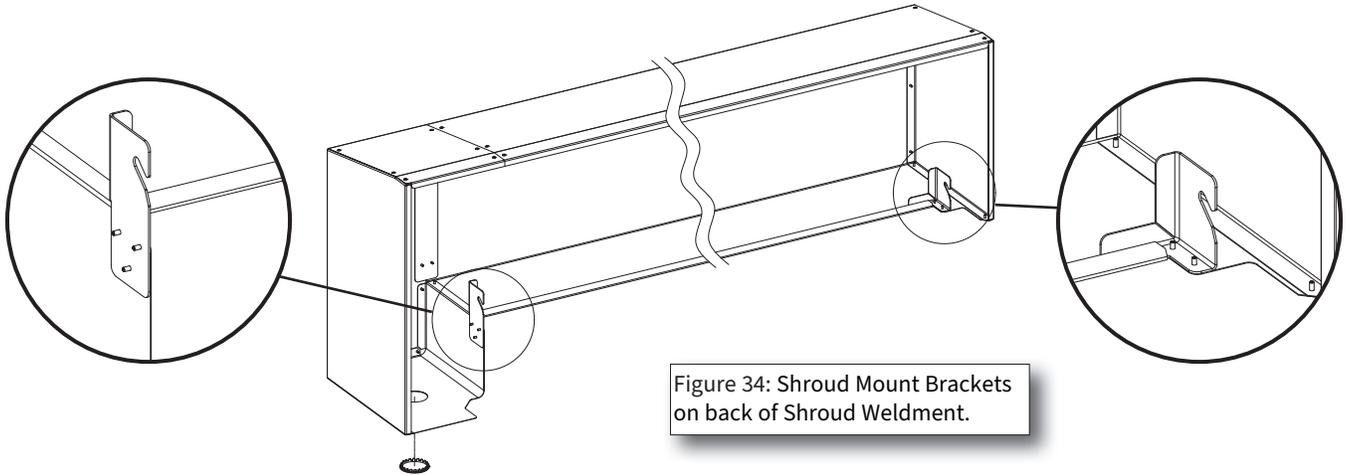
4. There are 2 Shroud Mounting Brackets on either end of the Shroud Weldment (Figure 32). These brackets have slots that will slide onto the screws you just installed on the RH & LH Flag Plates. The outside surfaces of these brackets will fit between the inner surfaces of the Flag Plates.

Shroud Support Brackets

Shroud Mounting Screw on Face Frame assembly

Shroud Mounting Screw on Face Frame assembly

Figure 35: Shroud Support Brackets and Shroud Mounting Posts on Face Frame assemblies.

Shroud Installation Continued

5. On the top of the Header, there are 3 Shroud Support Brackets with the top flanges facing towards the wall. (Figure 35 & 36) There should be a gap between the wall and the top flanges of the Shroud Support Brackets.

6. On the top rear of the Shroud, there is a small return flange that points down. This flange will hook over the top flanges of the 3 Shroud Support brackets.

7. Position the Shroud so that the Shroud Mount Brackets on the Shroud Weldment are approximately centered between the Face Frame mount surfaces. Lift the Shroud above the Header at a slight angle, letting the top of the Shroud rest against the wall. Lower the Shroud and hook the small flange behind the top flange of the Shroud Support Brackets.

8. Lower the Shroud down so the top is contacting the top of the Support Brackets, and rotate the bottom of the Shroud down towards the wall, making sure the outer surfaces of the Shroud Brackets on the Shroud Weldment are between the inner mounting surfaces of the Face Frame assemblies, and guide the mounting screws installed on the Flag Plates into the slots on the Shroud Mounting Brackets. (Figure 37).

9. When completed, the Shroud should be held in place by the top rear flange being hooked behind the Shroud Support Brackets, and the mounting screws on the Flag plates should be fully in the slots on the Shroud Mounting Brackets (Figure 38).

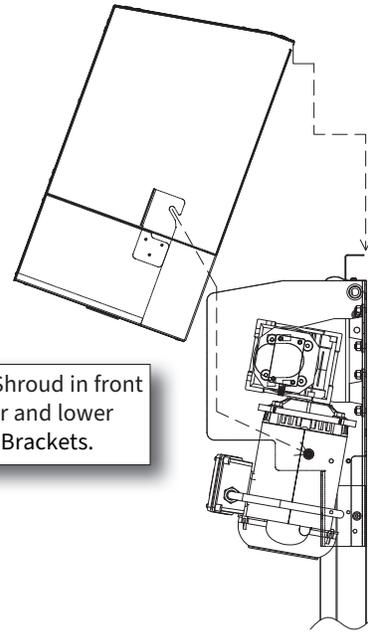10. Tighten the 2 Whizlock mounting screws to 45 inch-pounds.

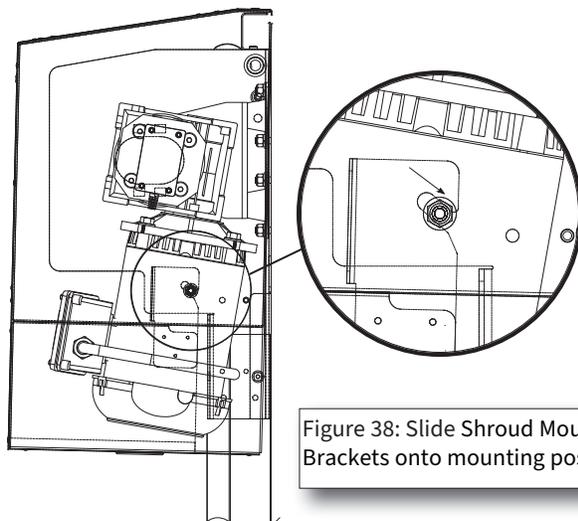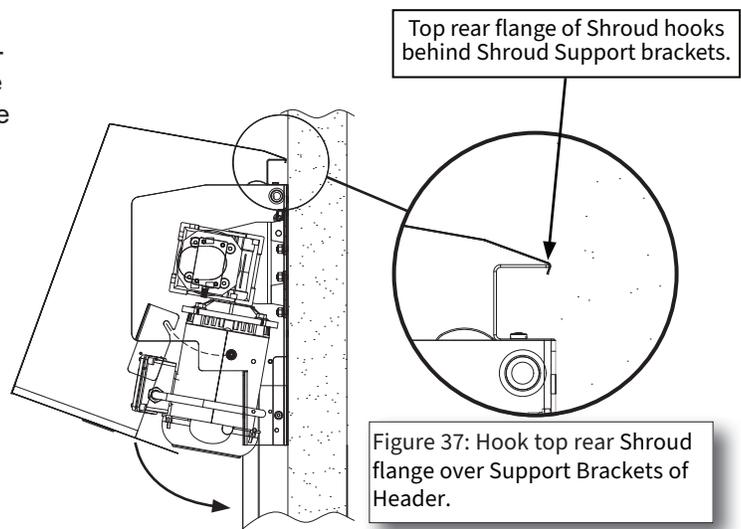Figure 36: Position Shroud in front of and above Header and lower onto Shroud Mount Brackets.

Top rear flange of Shroud hooks behind Shroud Support brackets.

Figure 37: Hook top rear Shroud flange over Support Brackets of Header.

Figure 38: Slide Shroud Mount Brackets onto mounting posts.

Troubleshooting

Table 04 - Troubleshooting Table

Problem	Probable Cause	Corrective Measures
A. Motor will not start.	1. No power.	1. Check power switches, fuses and connections. Verify 3 phase voltage at operator.
	2. Control circuit breaker tripped while stopping.	2. Reset – determine cause.
	3. Wired for wrong voltage.	3. Check transformer, motor and overload relay for proper wiring.
	4. Loose or disconnected wire.	4. Check wiring and connections.
	5. Defective actuator.	5. Check actuator and wiring with ohm meter.
	6. In manual mode.	6. Set chains to auto mode.
B. Motor runs but "lacks power".	1. Single phasing	1. Check power supply—Verify 3 phase voltage. Check contactor/motor wiring.
	2. Blown Fuse.	2. Replace fuse.
C. Inconsistent starting, stopping and reverse	1. Loose or poor connection	1. Check connections in control circuit.
D. Reversing edge works on opening cycle instead of closing.	1. Phase sequence reversed	1. Shut off power. Change any two of the three line leads.
E. Door closes and opens	1. Reversing edge switch signaling to reopen.	1. Check lower limit and shorten travel so door does not hit at bottom.
F. Door Opens out of square	1. Material wrapping unevenly	1. Install shim material (See Curtain Installation section)

MAINTENANCE

Error Codes

Controller Error Messages

If an error occurs, it is displayed in a window occupying the entire display similar to the example shown at left. Find the error code in the tables included in this chapter to determine the cause and corrective action.

Error messages originate in one of three categories:

- Inverter (power faults): see Table 05 below.
- Door control codes related to the motor and encoder: see Table 06 on page 36.
- Option codes related to optional equipment used with the Controller: see Table 07 on page 37.

Table 05 - Inverter Error Codes

Code	Description	Cause	Corrective Action
UU	DC Link low (Top Priority)	The incoming mains voltage is too low.	View System Status - DC link to check that the voltage is within the range shown.
OU	DC Link high (Medium Priority)	Either the incoming mains voltage is too high or the deceleration rate is too short	View System Status - DC link to check that the voltage is within the range shown. Decrease the deceleration ramps.
OC1	Over current 210% (Medium Priority)	The motor current exceeds the inverter rating by 210%	View the motor current display to check the current delivered to the motor. Check the motor nameplate data to confirm that the correct controller model is being used. Check for mechanical obstruction or damage.
OC2	Over current 150%/30 sec (Medium Priority)	The motor current exceeds the inverter rating by 150% for more than 3 seconds	View the motor current display to see the current delivered to the motor. Check the motor nameplate data to confirm that the correct controller is being used. Check for mechanical obstruction or damage.
OC3	Over current during acceleration	Over current while accelerating	View the motor current display to see the current delivered to the motor. Decrease the acceleration ramps.
OC4	Over current DC/Brake (Medium Priority)	Over current while DC braking	View the Motor Current display to see the current delivered to the motor. Decrease the DC brake level.
OC5	Peak over current (High Priority)	Severe overload	Check for: • A short in the motor cable • Stalled motor • Mechanical or electrically damaged motor • If equipped with a parking brake, ensure that it is being released. Decrease the boost parameters.
OH	Controller overheat (High Priority)	The inverter is overheated	View System Status - Temperature to check that the reported temperature is within range. (Note: Temperature display shows raw analog counts and not actual temperature) Check ventilation and ensure fan, (if equipped), is operating. Reset the controller and confirm that the fan operates for 1 second during the power-up routine. Reduce the switching frequency and the DC brake level.
HE	Low internal 12V (Top Priority)	The internal 12VDC power supply voltage is too low	View the System Status - Int Levels to check that the voltage is within range. Check I/O wiring for shorts.
HE	Low internal 24V (Top Priority)	The internal 24VDC power supply voltage is too low	View the System Status - Int Levels to check that the voltage is within range. Check I/O wiring for shorts.

MAINTENANCE

Table 06 - Door Control Error Codes

Code	Description	Cause	Corrective Action
E01	Slip error (Low Priority)	Mechanical overload (Slip Monitoring) or missing signal from encoder.	Check door for obstruction. Ensure the pulse output from the encoder is connected to terminal P2 on the controller. Verify that the encoder pulse output is set correctly.
E02	Direction Error – occurs during setup only. (Low Priority)	The direction of the motor is incorrect. The encoder count must increment positively while the door is moving in the open direction.	Use the Motor Direction parameter to set the correct direction for the motor and encoder. If the motor moves in the incorrect direction and the encoder is decrementing, set the motor direction parameter to Motor REV. If the motor moves in the correct direction but the encoder is decrementing, set the Motor Direction parameter to Encoder REV. If the motor is moving in the incorrect direction and the encoder is incrementing, then set the motor direction parameter to both REV.
E03	No Signal From Pulse Generator – occurs during setup only. (Low Priority)	No pulse input detected from the encoder.	Check door for obstruction. Ensure the pulse output from the encoder is connected to terminal P2 on the Controller. Verify that the encoder pulse output is set correctly.
E04	N/A	N/A	N/A
E05	Reference Switch Connection (Medium Priority)	The reference switch is shorted or broken.	Check the reference switch for damage and bad connections. Ensure the correct setting for the Reference parameter. Perform a quick setup to reset the position limits.
E06	Reference Switch False Activation (Medium Priority)	The reference switch was activated in the wrong position	Check the reference switch for damage and bad connections. Ensure the correct setting for the reference parameter. Perform a quick setup to reset the position limits.
E07	Run Timer Exceeded (Low Priority)	The run timer has expired.	Check the run timer parameter to ensure a correct value.
E08	Safety Edge Test Fail (Medium Priority)	The reversing edge test has failed	Check the connections from the reversing edge to the controller. If using the SeyWave wireless system, check operation of connected host and remote door sensor.
E09	Safety Edge Connection (Medium Priority)	The reversing edge connection cannot be verified.	Check the connections from the reversing edge to the controller. If using the SeyWave wireless system, check operation of connected host and remote door sensor.
E10	Safety Edge 1 Activated (Low Priority)	The reversing edge has been activated.	Check for obstruction in door's path.
E11	Safety Edge 2 Activated (Low Priority)	The reversing edge has been activated.	Check for obstruction in door's path.
E12	Lifting Force Exceeded (Low Priority)	The torque limit has been exceeded	If the torque limiting feature is being used, adjust the torque limit parameter to suit the application.
E13	N/A	N/A	N/A
E14	Absolute Encoder Comm Loss. (Top Priority)	Communication with the absolute encoder has been lost.	Check the connections between the encoder and the controller.
E15	Installation Fault (Low Priority)	An error occurred during quick setup	Re-perform quick setup
E16	N/A	N/A	N/A

Error Codes Continued

Table 07- Option Error Codes

Code	Description	Cause	Corrective Action
E17	Reset Limits (High Priority)	The position limits cannot be verified.	Perform a quick setup.
E18	Wireless Airlock Failed to Authorize Opening. (Low Priority)	The controller failed to receive an Airlock request acknowledgment.	Check opposite controller to ensure that it is operational. Check that both controllers have been wirelessly connected together and that each controller has Wireless and airlock enabled. Disconnect controllers and run a discovery to reconnect controllers.
E19	Wireless No Response	There was no response from the on-board wireless.	Ensure that the wireless is enabled then power cycle the controller.
E20	N/A	N/A	N/A
E21	Option - SeyWave OCS Remote Timeout	A paired SeyWave wireless O/C/S remote has timed out.	Check the remote for operation. Refer to supplied SeyWave wireless manual for troubleshooting.
E22	Option - SeyWave DS Remote Timeout	A paired SeyWave wireless door sensor remote has timed out.	Option - SeyWave DS connection fault.
E23	Option - SeyWave DS Connection Fault	A paired SeyWave wireless Door sensor remote has reported a connection fault.	Check the connection and remote for operation. Refer to supplied SeyWave wireless manual for troubleshooting.
E26	Door Overtravel	Door position exceeds set limits	Verify Encoder mounting and wiring. Perform quick setup.
E27	Photoeye test fault	Photoeyes do not pass self test.	Verify photoeye mounting and wiring. Check for beam obstruction.
E28	Photoeye 1 activated	Triggered when photoeye 1 is activated	Verify photoeye mounting and wiring. Check for beam obstruction.
E29	Photoeye 2 activated	Triggered when photoeye 2 is activated	Verify photoeye mounting and wiring. Check for beam obstruction.
E30	Input timer exceeded	Input stuck	Review active inputs and clear incorrectly held input.

MAINTENANCE

Cleaning Procedures

⚠ WARNING

Remove power at the fused disconnect during all electrical or mechanical service. Disconnect must be properly locked out during maintenance or service of equipment. Failure to disconnect power could result in serious injury or death.

General Cleaning Procedures:
- Observe all noted cautions and warnings when cleaning around equipment with electrical power (see warning above).
- Avoid spraying motor, wiring, and controls when cleaning the door.
- Use low pressure water when cleaning.

Cleaning Procedure for Curtain:
The following procedures and cautions should be followed when cleaning the Curtain:

- Gently wash curtain with a solution of mild soap and lukewarm water, using a micro-fiber cloth to loosen any dirt or grime.
- Thoroughly rinse with clean cold or warm water to remove any cleaner residue and dry off thoroughly with a new clean micro-fiber cloth to prevent water spotting.

Important cautions when cleaning Curtain:
- Never use abrasive or highly alkaline cleaners.
- Never scrub with brushes, steel wool or other abrasive materials.
- Never use squeegees, razor blades or other sharp instruments to remove deposits or spots.
- No solvents or strong alkaline cleaners shall be used. Use of these products may cause damage.
- Alkali-free detergents are recommended.

MAINTENANCE

ASI DOORS, INC. (800) 558-7068   **asidoors.com**

Instructions for Ordering

This parts manual is intended to assist in the correct identification of the more commonly replaced parts; covering, generally, all models and styles offered within the marathon pharm. Line. The manual will also help identify obsolete parts, part design changes and current production parts. For more specific parts information, please contact an authorized representative or consult the factory's customer service or engineering departments. Asi doors reserves the right to discontinue any part and make design changes without notice.

<div style="border:1px solid;">

General Instructions for Ordering Door Parts

Accurate information is always necessary to serve you correctly and promptly. Several steps should be followed to determine exactly the parts that are needed.

</div>

Refer to the information tag on your doors control panel and record the:

1. Door model number
2. Job number
3. Door number
4. Manufacturing date.

Use part numbers referenced in this manual.

If the item is not found in the manual, the product code on the back of the item is helpful.

If your door has no information label, the approximate purchase date is helpful.

Door Identification

Determining the **Job Number, Model and Year of Manufacture** of your door is necessary to provide quick and accurate parts identification. The following is a description of labels and their locations.

ID Tag Location

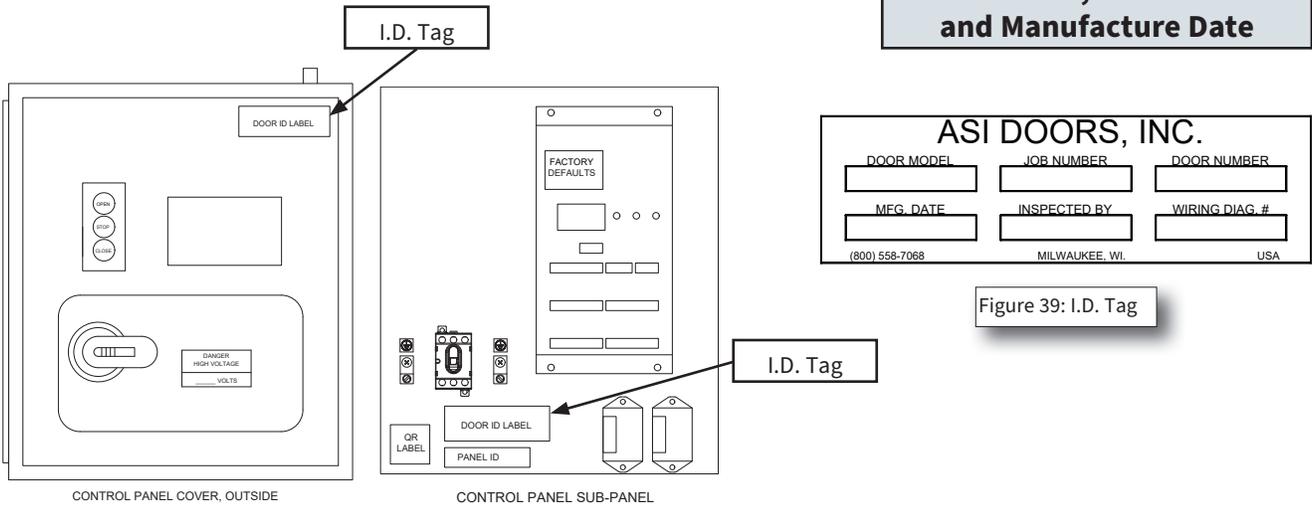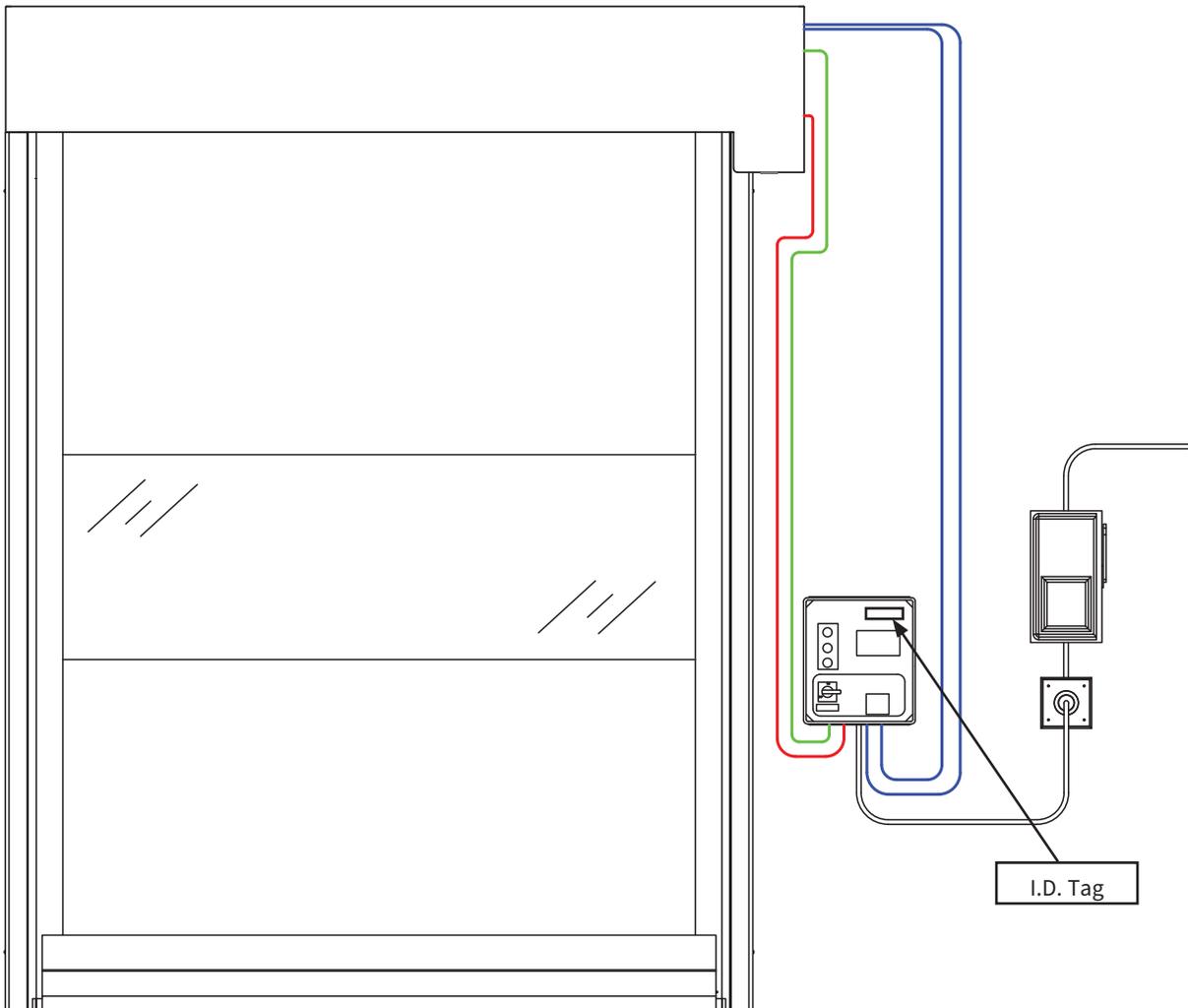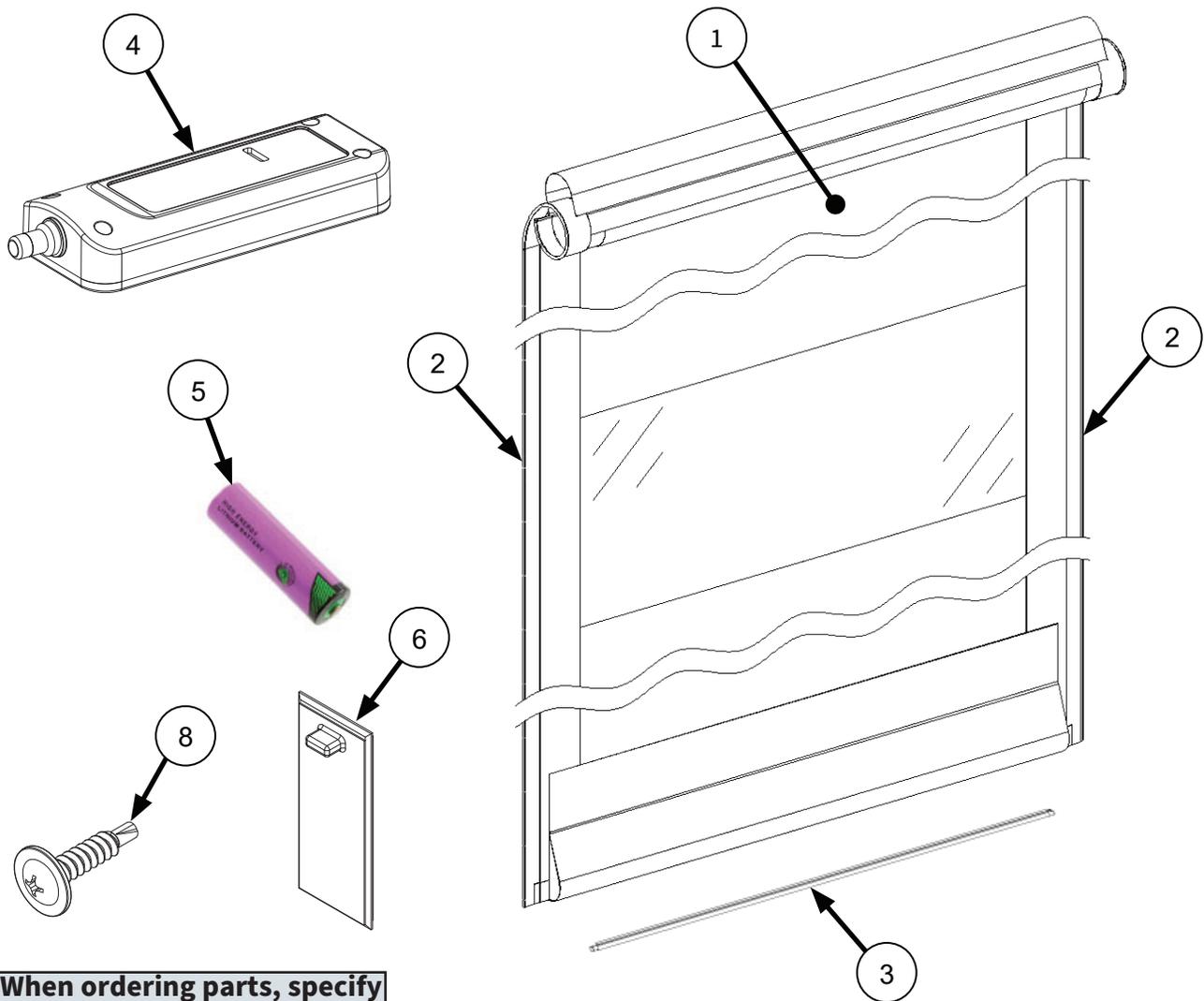**When ordering parts, specify Job Number, Door Number and Manufacture Date**

I.D. Tag

DOOR ID LABEL

OPEN
STOP
CLOSE

DANGER
HIGH VOLTAGE

_____ VOLTS

CONTROL PANEL COVER, OUTSIDE

FACTORY
DEFAULTS

I.D. Tag

QR
LABEL

DOOR ID LABEL

PANEL ID

CONTROL PANEL SUB-PANEL

ASI DOORS, INC.

DOOR MODEL	JOB NUMBER	DOOR NUMBER
MFG. DATE	INSPECTED BY	WIRING DIAG. #

(800) 558-7068   MILWAUKEE, WI.   USA

Figure 39: I.D. Tag

I.D. Tag

Figure 40: I.D. Tag locations.

Curtain Components

Item #	Part #	Description	Qty
1	215S	Complete Curtain Assembly (Consult Factory)	-
2	24B1158	Edge Bead Replacement, 215 Curtain (See Notes #1 , #2, #3, & #4)	-
3	24B1157	Reversing Edge Replacement, 215 Curtain (See Notes #1, #3, & #4)	-
4	23B0204	Reversing Edge Transmitter	-
5	23B0205	Transmitter Battery	-
6	11B0165NN-1	Reversing Edge Access Door (White)	-
6	11B0165NN-2	Reversing Edge Access Door (Black)	-
7	24B1113	Curtain Patch Kit, Roll-Up (See Note #4)	-
8	41A1158	Curtain Mounting Screw, TEK, #8 X 3/4, Ph, Truss Hd, Zn	-

Curtain Ordering Notes:

1. Must return Curtain to ASI for evaluation. Curtain may or may not be repairable.
2. Edge beads only replaced in pairs.
3. No quoted price until evaluation is complete.
4. Must specify Curtain color.

When ordering parts, specify Job Number, Door Number and Manufacture Date

REPLACEMENT PARTS

Face Frame Components

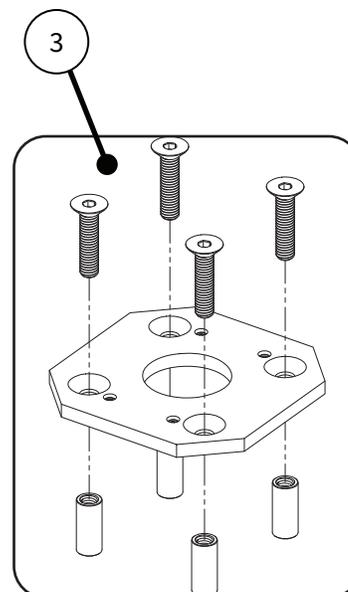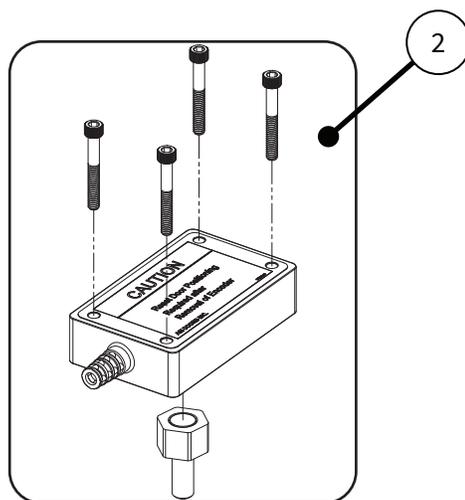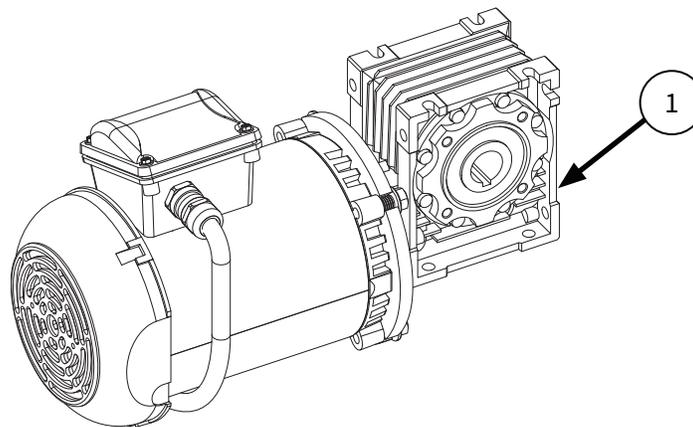| Item #	Part #	Description
1	215S	Side Frame, Complete Assembly
2	215S	Side Frame, Vertical Rail Assembly
3	215S	Side Frame Cover
4	24B1118	Service Kit, Photoeyes, Roll-Up

When ordering parts, specify Job Number, Door Number and Manufacture Date
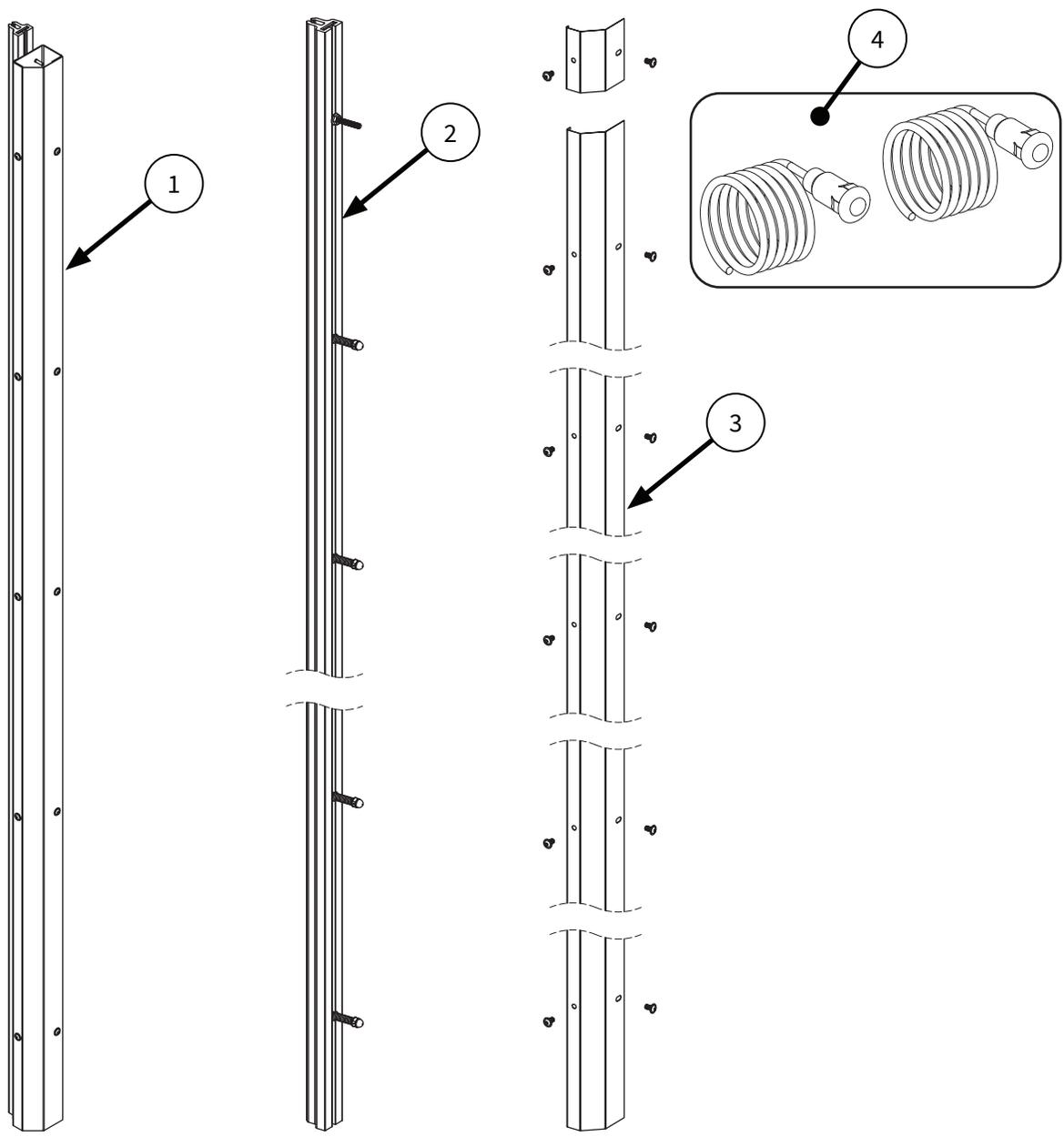
REPLACEMENT PARTS

Header Components

Item #	Part #	Description
1	215S	Header Complete Assembly, Less Motor
2	215S	Upper Seal & Spreader
3	24B1048NV	Top Seal & Channel, 215
4	24B1159	Service Kit, Gasket & Adhesive Tape, Upper Seal
5	47A090	Bearing, 1.000" ID, 2 Bolt, Flange Mnt, Steel
5	47A099	Bearing, 1.000" ID, 2 Bolt, Flange Mnt, Stainless Steel
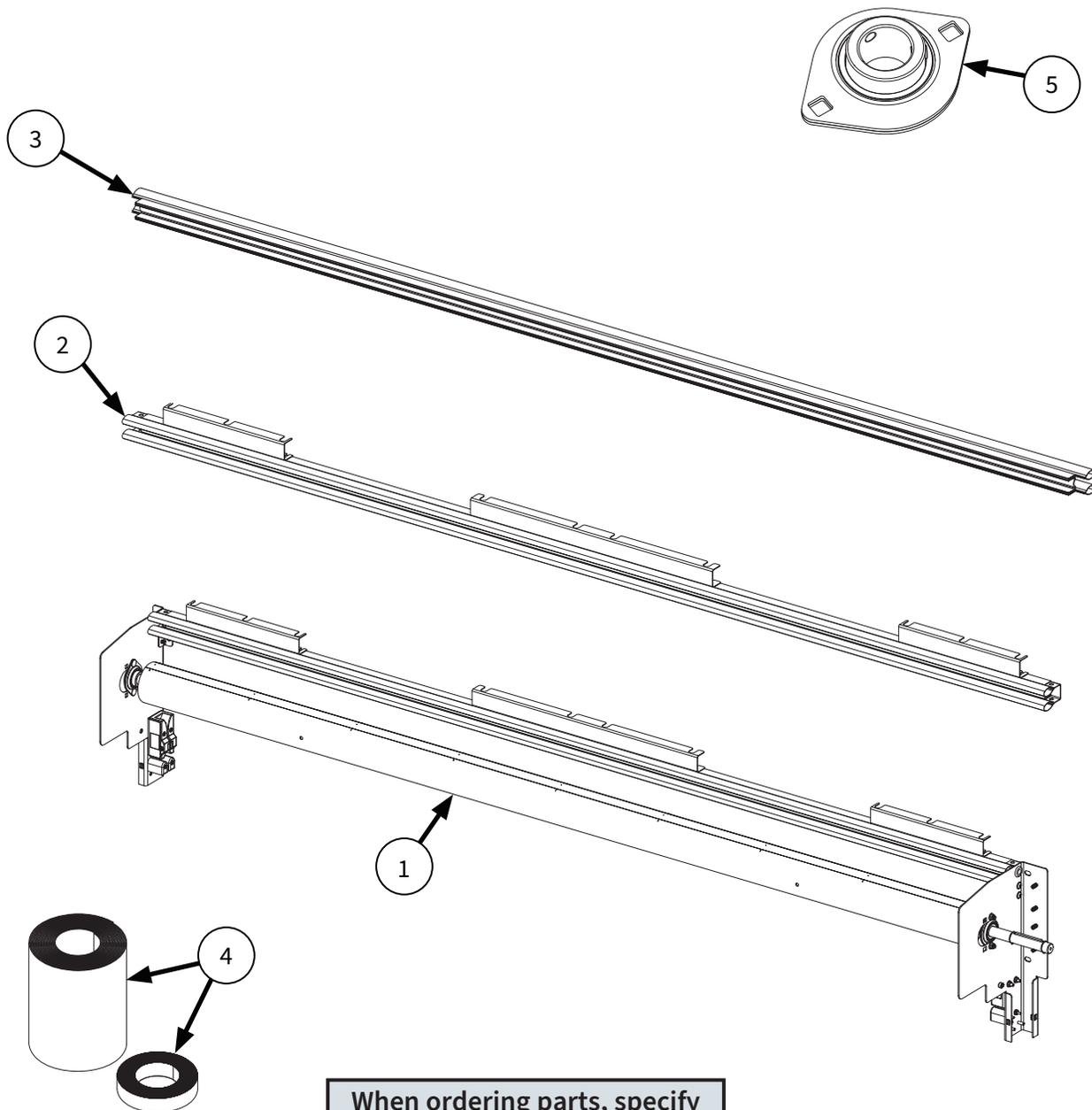
When ordering parts, specify Job Number, Door Number and Manufacture Date
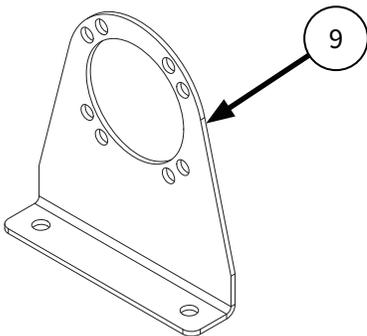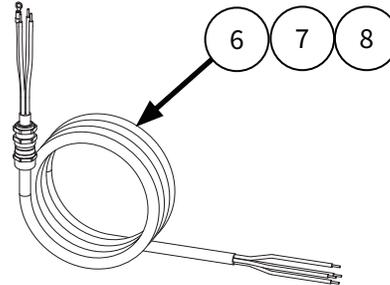
REPLACEMENT PARTS

Header Components Continued

Item #	Part #	Description
1	24B1107F1	Assembly, Motor & Power Cable, 15 Ft 230V
1	24B1107F2	Assembly, Motor & Power Cable, 15 Ft 460V
1	24B1107F3	Assembly, Motor & Power Cable, 30 Ft 230V
1	24B1107F4	Assembly, Motor & Power Cable, 30 Ft 460V
1	24B1107F5	Assembly, Motor & Power Cable, 50 Ft 230V
1	24B1107F6	Assembly, Motor & Power Cable, 50 Ft 460V
2	24B1114	Service Kit, Encoder, Roll-Up
3	24B1115F1	Service Kit, Encoder Bracket, 215 Roll-up

Header Components Continued

Item #	Part #	Description
4	23B0181	Cable, Encoder, 5 Meter
5	23B0153	Cable, Encoder, 10 Meter
6	24A0130F1	Assembly, Motor Cable, 415, 15 FT
7	24A0130F2	Assembly, Motor Cable, 415, 30 FT
8	24A0130F3	Assembly, Motor Cable, 415, 50 FT
9	13B3169NN22	Torque Arm, Motor Mount
10	16B0160	Mount, Vibration Dampener
11	24B1162	Service Kit, Re-Feed Blocks, 215
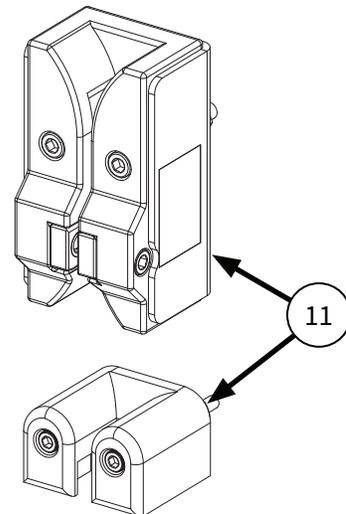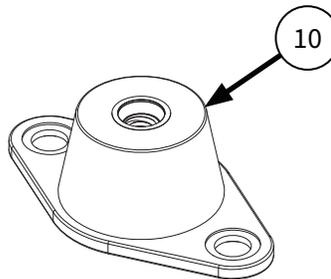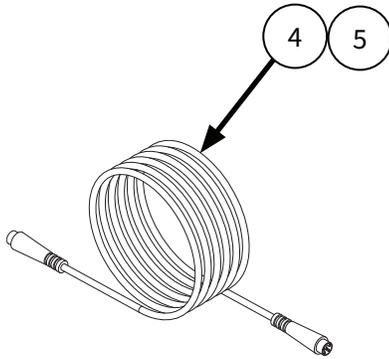
Shroud Components

Item #	Part #	Description
1	215S	Shroud Assembly, Complete (REF: 24B1163)
2	16A089	Hole Plug, Snap-In, 2" I.D., Nickel Plated Steel

Note:
RH Shrouds shown below. Drive compartment on LH Shrouds is on opposite side
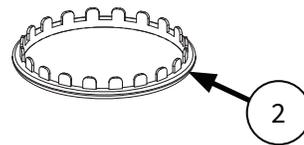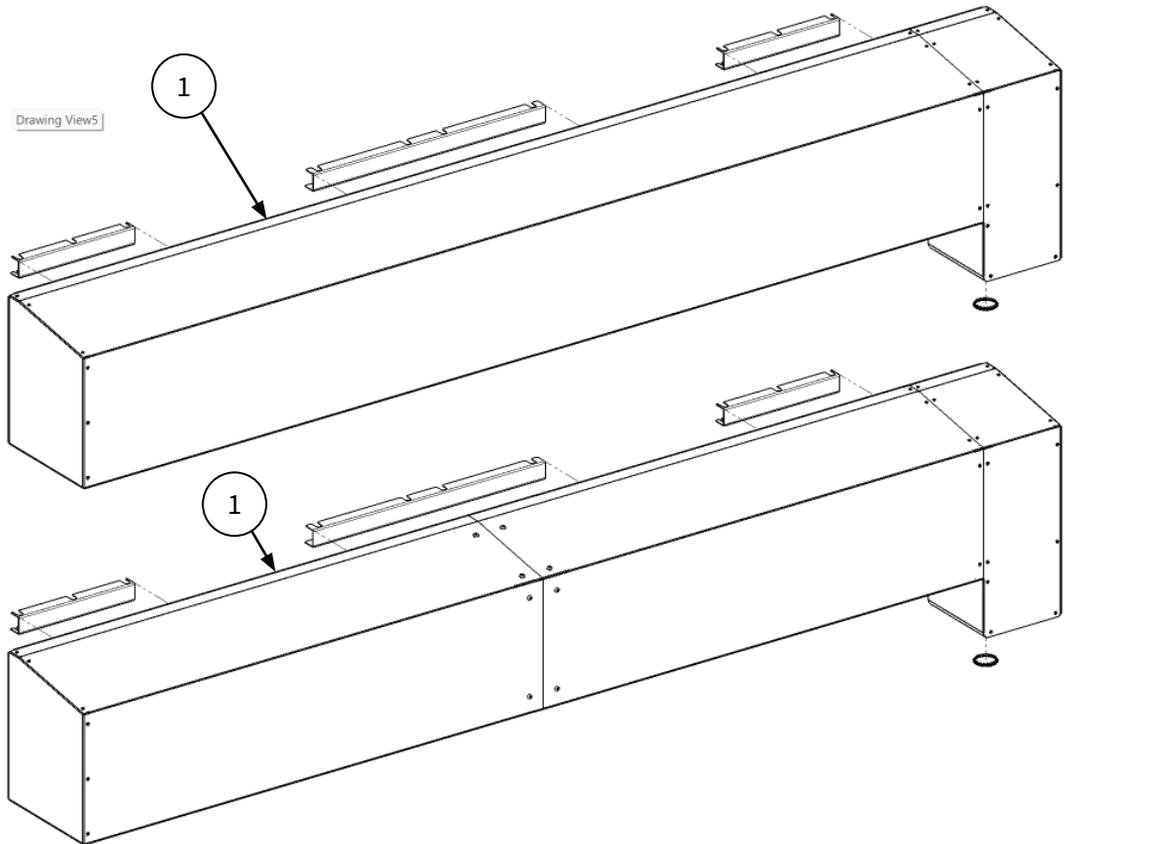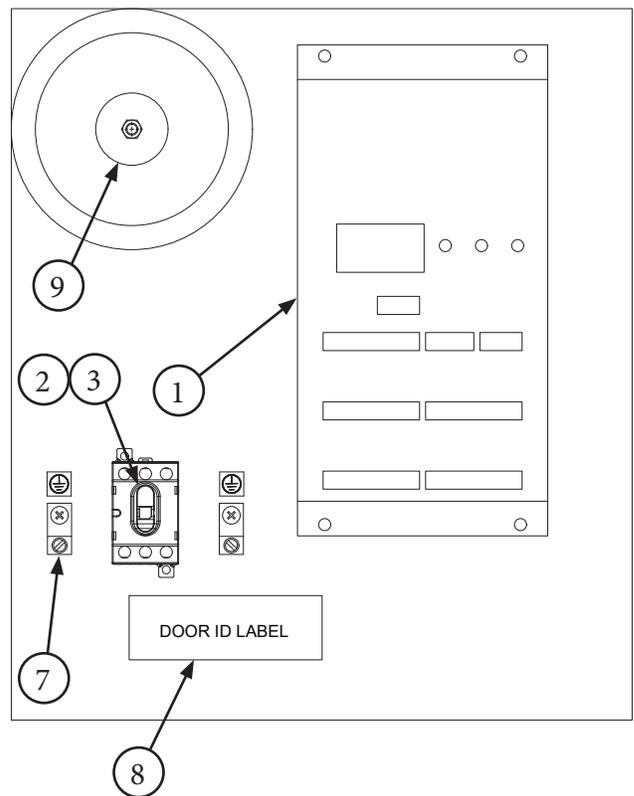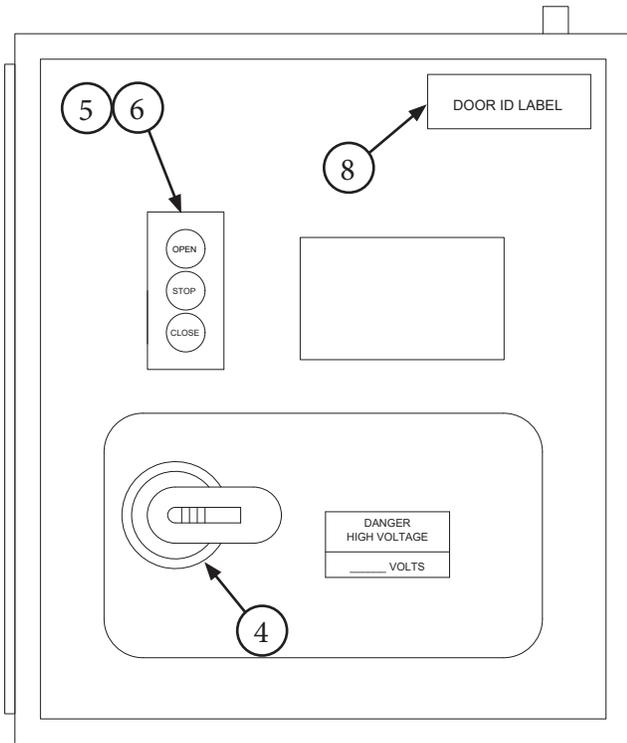

When ordering parts, specify Job Number, Door Number and Manufacture Date

Control Panel

Item #	Part #	Description	Qty
1	23A0360-S	Controller, Configured to Order	1
2	23A0349	Disconnect, Non-Fused, 600V, 40A	1
3	23A0350	Disconnect, Shaft	1
4	23A0351	Disconnect, Handle	1
5	23A0352	Membrane Switch, Open/Stop/Close	1
6	22A0342	Membrane Cable	1
7	22A099	Connector, Mechanical, Aluminum	2
8	17A340	Label, Door ID	2
9	23A0353	Transformer, Toroidal (110V Only)	1

When ordering parts, specify Job Number, Door Number and Manufacture Date

REPLACEMENT PARTS

ASIDOORS

OPEN UP TO WHAT'S POSSIBLE

CLEANSEAL®
AN ASI DOORS BRAND

ENVIRO®
AN ASI DOORS BRAND

MARATHON®
AN ASI DOORS BRAND

asidoors.com

ASI DOORS, INC.   5848 North 95th Court, Milwaukee, WI 53225   (800) 558-7068