Follow manufacturer's instructions for safe appliance use.

REI / ECI
Power Gate Operator
Installation and Startup

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REI / ECI Power Gate Operator
Unpacking and Initial Inspection

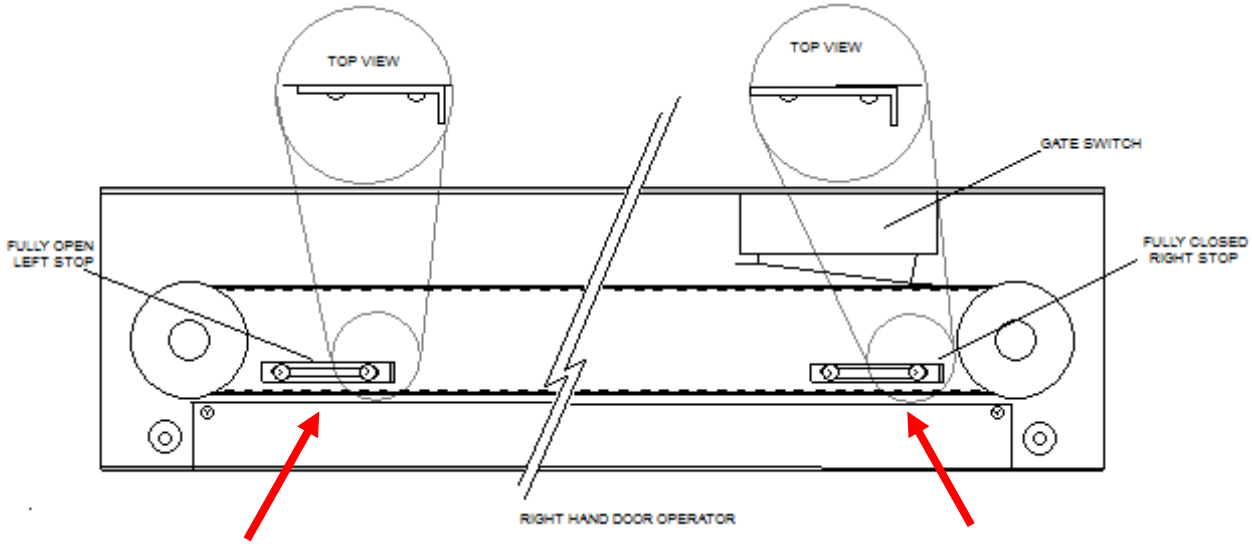
Unpack the ECI Gate Operator and ensure there is no damage to it, operate it manually and ensure it operates smoothly.
You must correct any problems with the operator before proceeding.



The REI / ECI Power Gate Operator can be setup for right-hand or left-hand operation in a few easy steps. If the arms are not reversed as shown on the next pages, operator travel will be limited, the operator may not have enough travel for the elevators gate opening.

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REI / ECI Power Gate Operator
Right Hand Operation



Right Hand Gate Operation shown

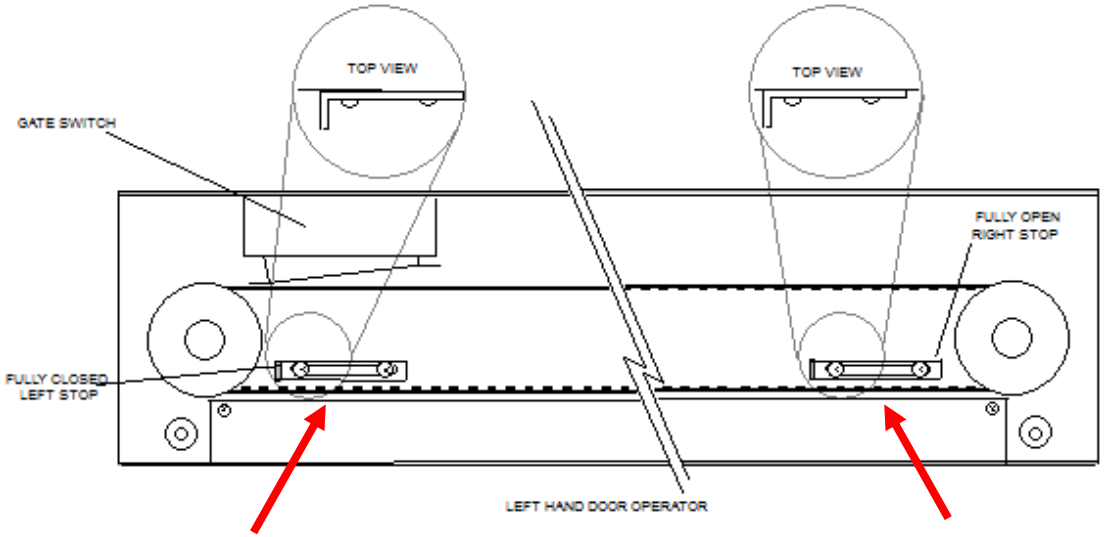
Note: Gate Operator Hand is determined by which side the Gate Switch is installed on when looking at the cab. Make sure the tabs are setup as shown for Right Hand Operation.

Install the Gate Operator with the edge of the Gate Operator flush with the edge
Of the Car Top, with the leading edge 1 ¼" past the gate strike.

On the Strike side of the Operator, be sure the fully closed stop is adjusted a minimum of ¼" from the drive wheel

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REI / ECI Power Gate Operator
Left Hand Operation



Left Hand Gate Operation shown

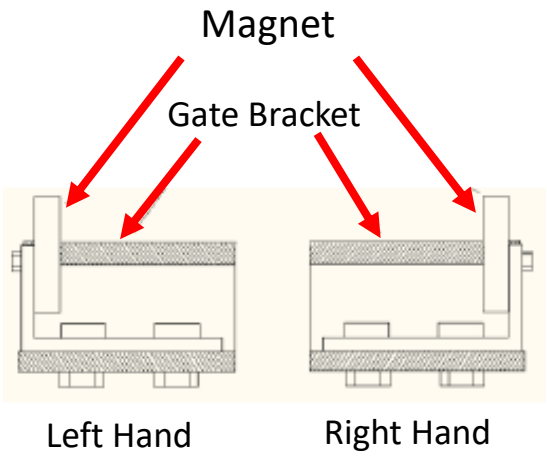
Note: Gate Operator Hand is determined by which side the Gate Switch is installed on when looking at the cab. Make sure the tabs are setup as shown for Left Hand Operation.

Install the Gate Operator with the edge of the Gate Operator flush with the edge
Of the Car Top, with the leading edge 1 ¼" past the gate strike.

On the Strike side of the Operator, be sure the fully closed stop is adjusted a minimum of ¼" from the drive wheel

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REI / ECI Power Gate Operator
Right-Hand / Left-Hand Magnet Setup

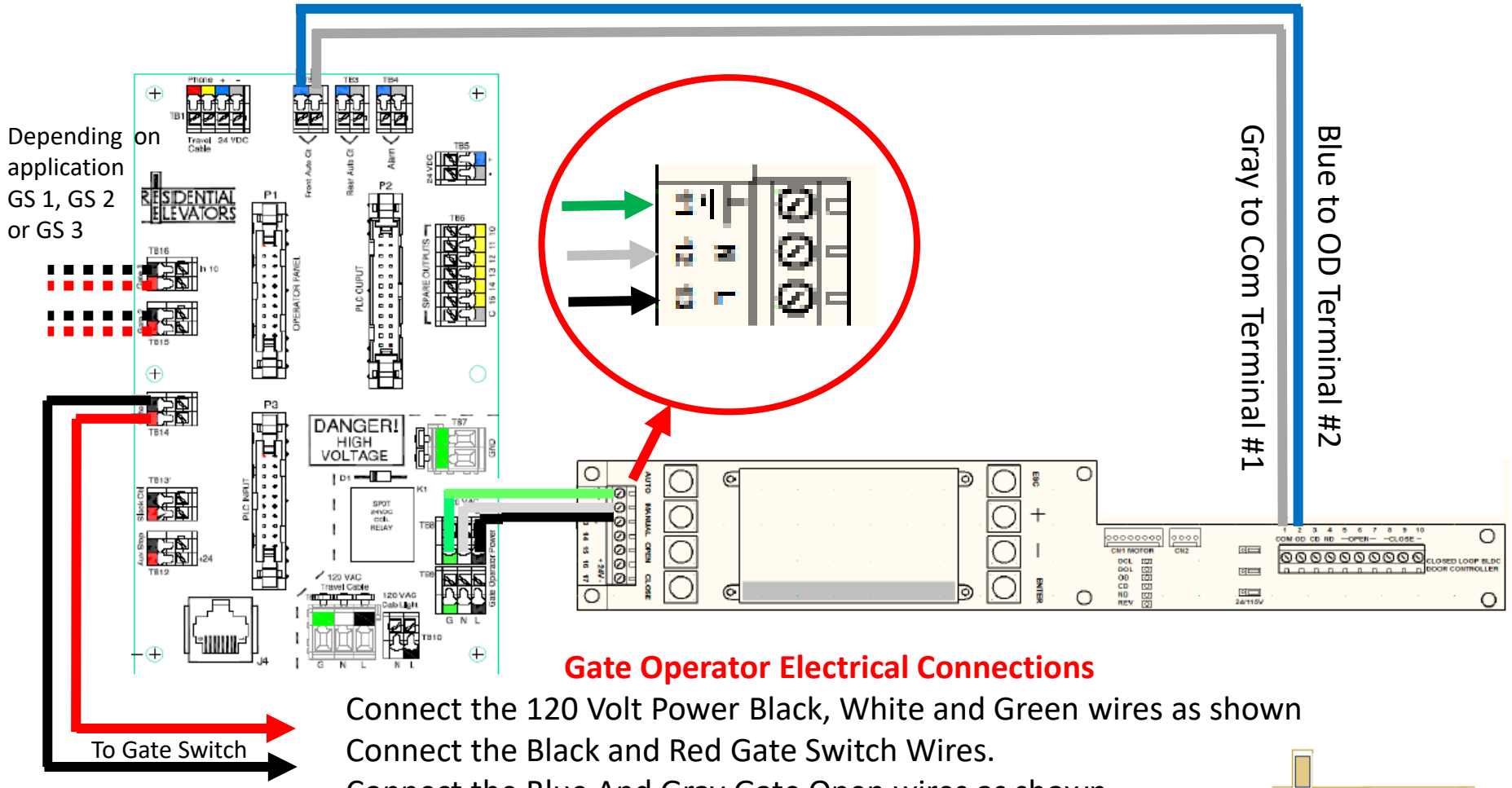


Configure the Magnet of the gate bracket for Right-Hand or Left-Hand operation as shown above.

Note: The Gate Switch should be mounted on the right side of the operator for Right-Hand Operation and the left side of the operator for Left-Hand Operation.

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REI / ECI Power Gate Operator Electrical Connections



Gate Operator Electrical Connections

Connect the 120 Volt Power Black, White and Green wires as shown

Connect the Black and Red Gate Switch Wires.

Connect the Blue And Gray Gate Open wires as shown

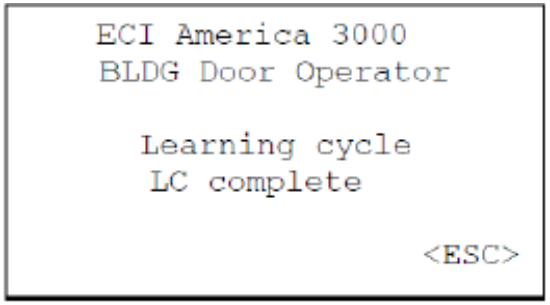
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REI Power Gate Operator
Power Up and Learn Cycle



1. Power Up the Gate Operator – The Screen should display “Please run learning cycle first”
2. Use the **+** and **–** to move the cursor to the proper operator type, Left Hand Operator opens Left to Right, Right Hand Operator opens Right to Left
3. Press **Enter** to start the Learning Cycle
4. The Gate Operator should preform the learning cycle by opening and closing the door 2 times.

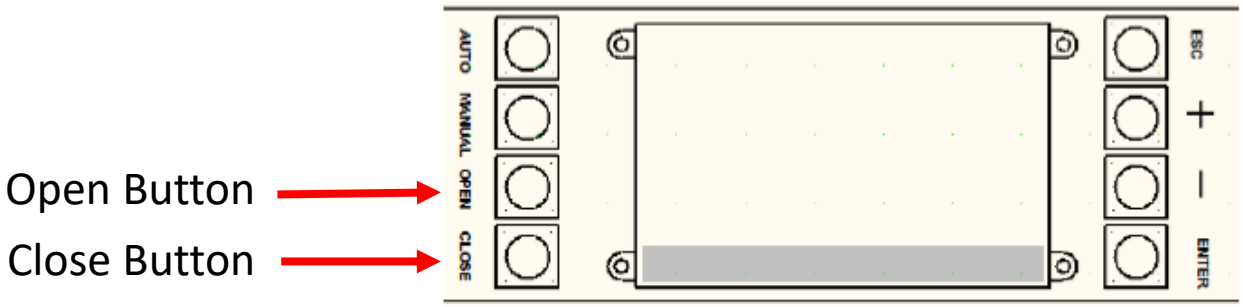
When the learning cycle is complete the screen should display



Note: *You must press **ESC Button** to store the learned gate configuration or when power is lost, the gate configuration will be lost !!*

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REI Power Gate Operator
Manual Open and Close testing



The Gate Operator is now functional and is in the Manual Mode.

While in Manual mode, press and hold the Open Button and ensure the gate opens smoothly and does not scrape or drag.

Then press and hold the Close Button and ensure the gate closes smoothly and does not scrape or drag.
Note: *Make sure the gate closes fully, if not adjust the stop and rerun the learning cycle.*

With the Gate Closed, adjust the Gate Switch so the Switch is fully activated when the gate is closed

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REI Power Gate Operator
Parameter Editing and Automatic Operation

Parameter	Setting
Close Speed	100
Cl slow speed	20
Cl braking pos	250
Close torque	170
Cl holding force	0
Open speed	100
Op slow speed	20
Op braking pos	250
Open torque	170
Op holding force	0
Acceleration	100
Deceleration	250
Nudge speed	30
Timeout	15
Reopen triggers	0
Auto Close	1

At this time, edits can be made to the parameters
The Gate Operators parameters are set as shown to the left.

Moving the cursor to Edit Parameters then pressing Enter will enter the Edit Parameters menu.

Use the + / - button to move to the desired parameter then press the Enter button to Edit using the + / - buttons.

Once any edits are complete, make sure to press the ESC Button to save changes.

Put the Gate Operator in Automatic Mode by pressing the Auto Button.

Auto Button



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REI Power Gate Operator
Final Checks



Like any power gate operator, the **Gate** must **operate freely** without the Power Operator with no Gate binding in the upper or lower gate track or on the gate cover.

Torque adjustments can be made on the setup screen but if the gate is **"Dragging"** it will never work correctly and will generate **customer complaints** and **return service calls**.

Install the gate operator cover and test the Automatic Operation of the Gate Operator to ensure quiet and smooth operation during the Open and Close cycle of the operator.

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