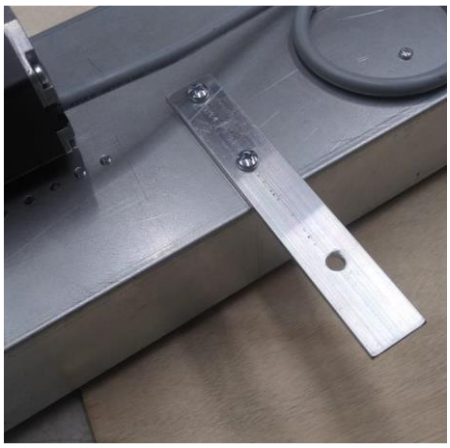
Millennium Gate PGO Installation

When installing the ECI Power Gate Operator, please ensure you have all the correct hardware as seen in Fig. X.

Note: The PGO Kit comes with Two Z-brackets and the Millennium gate comes with two Z-brackets as well.



Attach the straight bracket with two holes to the back of the operator.



Once the straight bracket is attached to the operator, attach the Z bracket to the straight bracket. This will be done in two places on the operator.





The other two Z-brackets will be on each end of the operator, and will be fastening the bottom of the operator, to the top of the Z Brackets.





Use the 3/8 Hex head cartop screws provided with each install to mount the Z brackets to the cartop.

Begin to run the wires and flex from the cartop controller to your PGO. This can be done with just an 8-conductor round wire.

After wiring, turn on the cab light power circuit, this powers the PGO.

Select the orientation and let the PGO learn itself. Now put the PGO into manual mode and begin to set the arm on the gate.

Attach the operator arm to the lead panel on the millennium gate. Use the provided self-tappers to mount the arm to the panel. The gate arm to panel screws must be center lined with the roller screws. There should be approximately 1" between rivet and the edge of the operator arm. (See Fig. X)





Note: Make sure the L-brackets are installed properly to protect the gears in the PGO from being struck.

After the gate arm is attached, restart the learning cycle. You may have to move the PGO left or right and repeat this step to ensure it fully opens and closes. Adjust the gate switch position to make sure when the gate is fully closed, the gate switch is activated.

After this is set you need to set all parameters to the values provided by the REI ECI PGO installation document. (See Fig. x)

Set to automatic before closing the PGO.

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