

CIRCUIT BOARD FEATURES

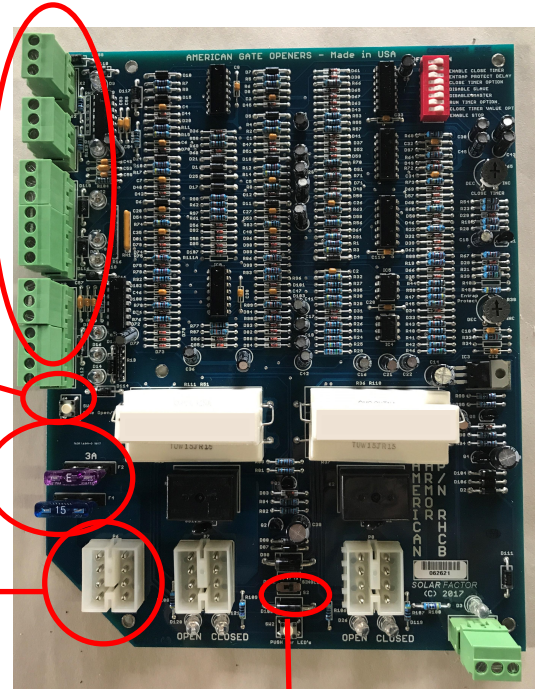
**SIMPLE REMOVABLE CONNECTORS
PULL STRAIGHT OUT FOR REMOVAL**

**OPERATE GATE BUTTON
ON THE BOARD**

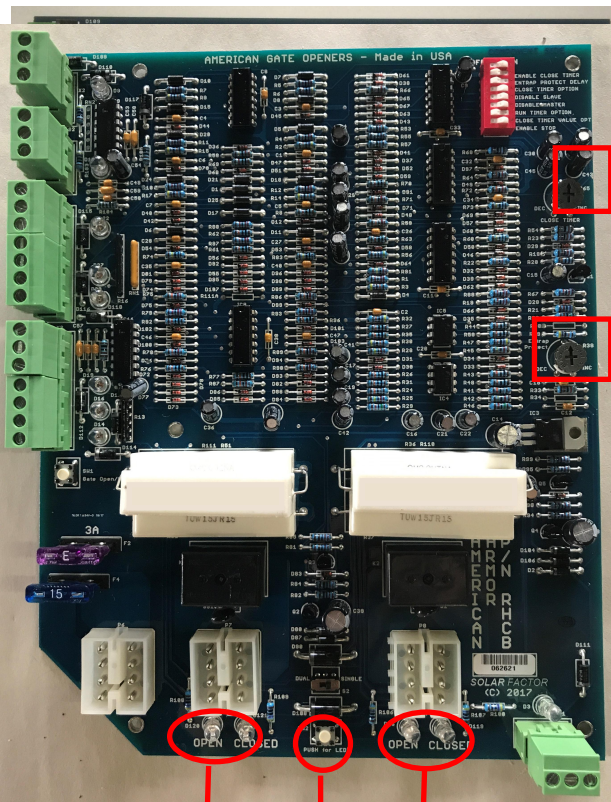
FUSED 12V 3AMP INPUTS

FUSED EMERGENCY OPEN PLUG

USE THIS CONNECTOR TO OPEN THE GATE WHEN THE BOARD IS NOT FUNCTIONAL. JUST REMOVE THE WHITE PLUG FROM THE MASTER OR SLAVE CONNECTORS AND PLUG INTO THE EMERGENCY PLUG. THE 15A FUSE WILL POP WHEN GATE IS FULLY OPEN.



SINGLE DUAL SWITCH
Allows for single independent main arm connections for single gate or connect two arms for dual gate.



**AUTOMATIC CLOSE TIMER
ADJUSTMENT FROM 10 TO 70
SECONDS.**
Turn counter clockwise to reduce time

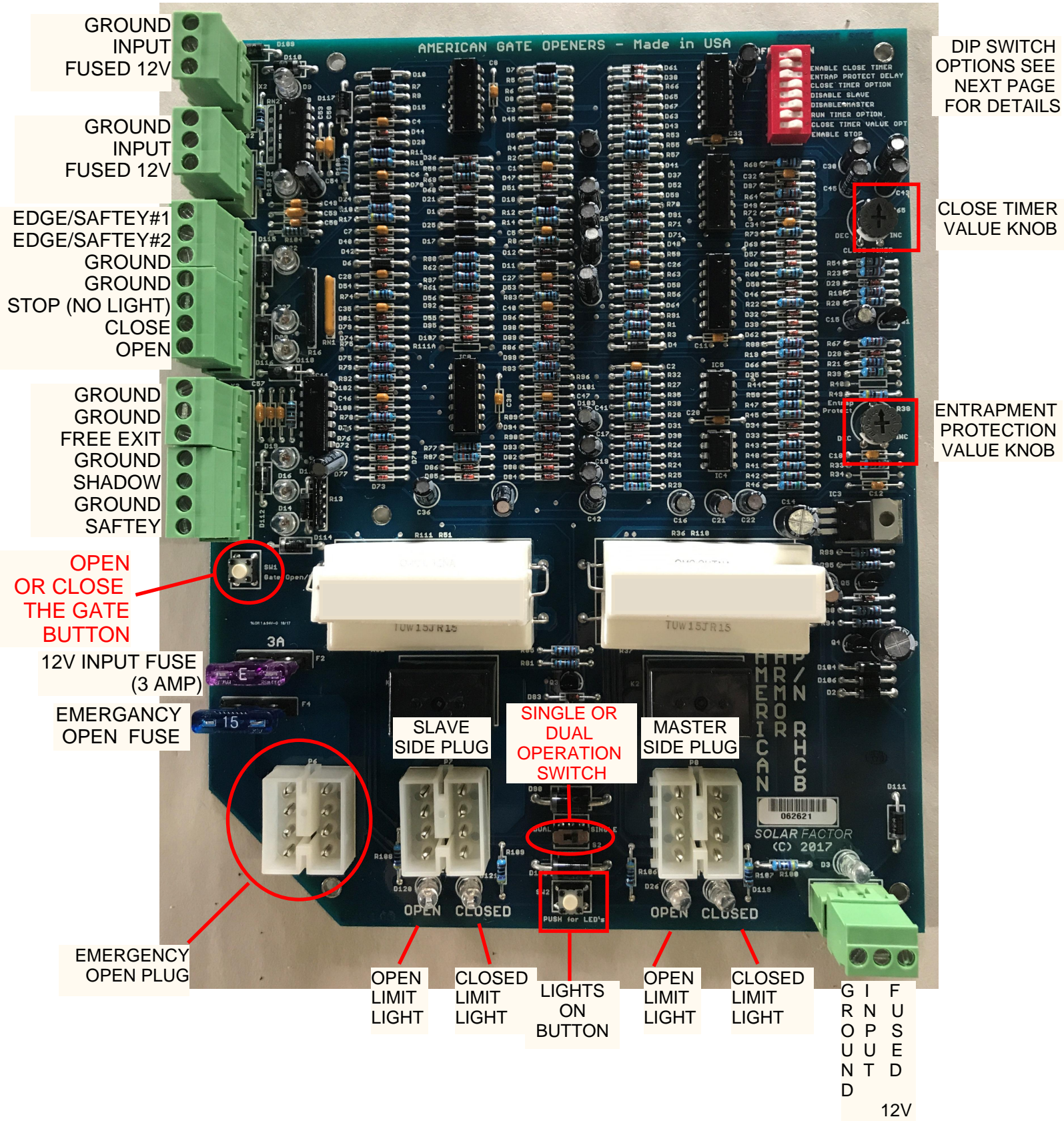
Turn clockwise to increase time



**ENTRAPMENT PROTECTION
ADJUSTMENT**
Used to adjust the force of the gate when an obstruction is encountered. THIS SETTING MUST BE ADJUSTED TO PREVENT BODILY INJURY. Arrow on knob shows the adjustment setting from 9 o'clock to 3 o'clock To reduce gate force turn knob counter clockwise and to increase gate force turn knob clockwise.

**SUPER BRIGHT LITE EMITTING DIODES FOR EASY
OPEN AND CLOSED LIMIT IDENTIFICATION WITH
ACTIVATE BUTTON FOR SOLAR USE**

CIRCUIT BOARD FEATURE LOCATIONS



GROUND
INPUT
FUSED 12V

GROUND
INPUT
FUSED 12V

EDGE/SAFTEY#1
EDGE/SAFTEY#2
GROUND
GROUND
STOP (NO LIGHT)
CLOSE
OPEN

GROUND
GROUND
FREE EXIT
GROUND
SHADOW
GROUND
SAFTEY

OPEN
OR CLOSE
THE GATE
BUTTON

12V INPUT FUSE
(3 AMP)

EMERGENCY
OPEN FUSE

EMERGENCY
OPEN PLUG

OPEN
LIMIT
LIGHT

CLOSED
LIMIT
LIGHT

LIGHTS
ON
BUTTON

OPEN
LIMIT
LIGHT

CLOSED
LIMIT
LIGHT

G I F
R N U
O P S
U E D
N T D
D
12V

DIP SWITCH
OPTIONS SEE
NEXT PAGE
FOR DETAILS

CLOSE TIMER
VALUE KNOB

ENTRAPMENT
PROTECTION
VALUE KNOB

AMERICAN GATE OPENERS - Made in USA

ENABLE CLOSE TIMER
ENTRAP PROTECT DELAY
CLOSE TIMER OPTION
DISABLE SLAVE
DISABLE MASTER
RUN TIMER OPTION
CLOSE TIMER VALUE OPT
ENABLE STOP

TOW15JR15

SLAVE SIDE PLUG

SINGLE OR
DUAL
OPERATION
SWITCH

MASTER
SIDE PLUG

OPEN CLOSED

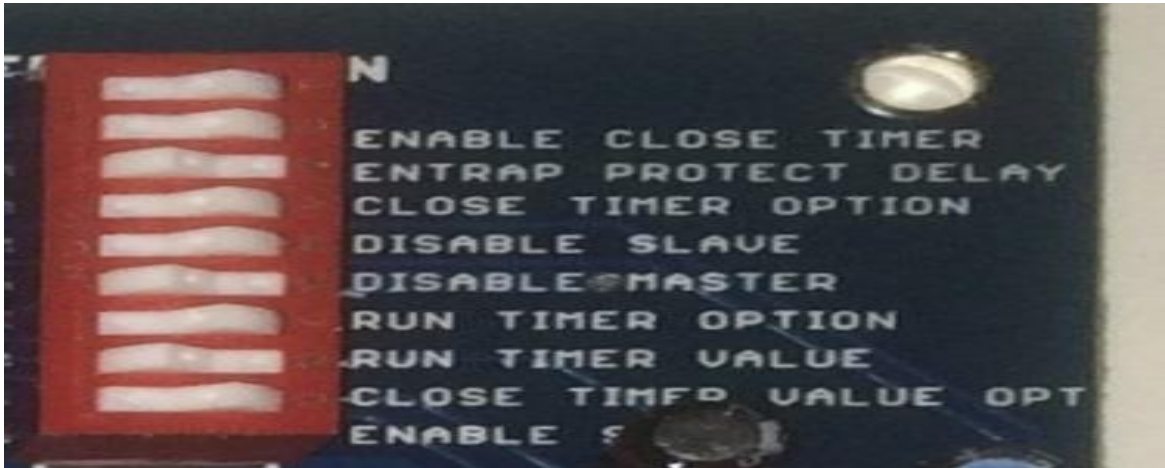
OPEN CLOSED

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SOLAR FACTOR
(C) 2017

AMERICAN
RHC B

CIRCUIT BOARD DIP SWITCH OPTIONS



- #1 ENABLE CLOSE TIMER
ON...AUTOMATICALLY CLOSES GATE
OFF..GATE DOES NOT AUTOMATICALLY CLOSE (FACTORY)
- #2 ENTRAPMENT PROTECTION DELAY
ON...4 SECOND DELAY START OF SENSING
OFF..2 SECOND DELAY OF START OF SENSING (FACTORY)
- #3 CLOSE TIMER OPTION
ON...GATE ONLY AUTO CLOSES FROM OPEN LIMIT (FACTORY)
OFF..GATE AUTO CLOSES FOR ANY POSITION
- #4 DISABLE SLAVE
ON...DISABLES SLAVE SIDE PLUG
OFF..ENABLES SLAVE SIDE PLUG (FACTORY)
- #5 DISABLE MASTER
ON...DISABLES MASTER SIDE PLUG
OFF..ENABLES MASTER SIDE PLUG (FACTORY)
- #6 RUN TIMER OPTION
ON...REVERSES GATE WHEN RUN TIMER ACTIVATES
OFF..STOPS GATE WHEN RUN TIMER ACTIVATES (FACTORY)
- #7 RUN TIMER VALUE
ON...40 SECOND RUN TIMER
OFF..20 SECOND RUN TIMER (FACTORY)
- #8 ENABLE STOP
ON...ENABLES STOP CIRCUIT
OFF..DISABLES STOP CIRCUIT (FACTORY)