

BANTAM INPUT TERMINAL BLOCK ILLUSTRATIONS

Revision 1.0



INPUT TERMINAL BLOCK

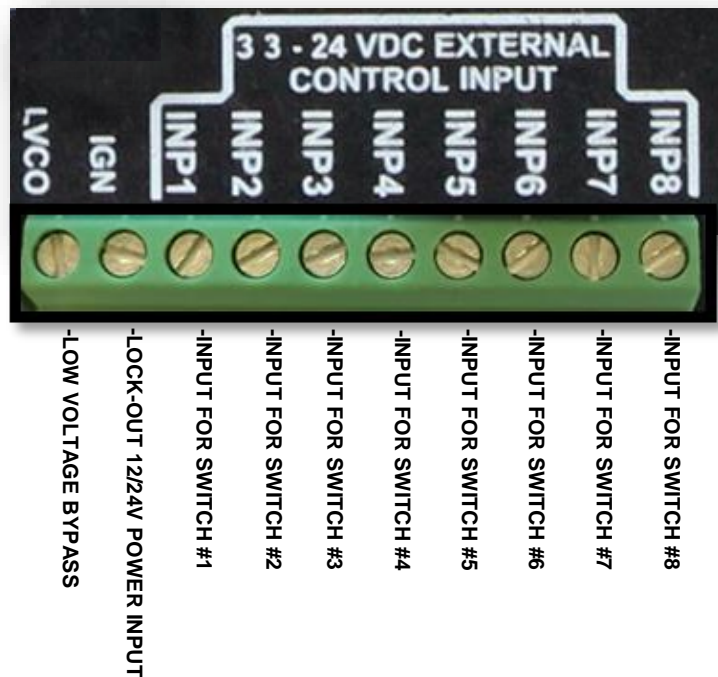
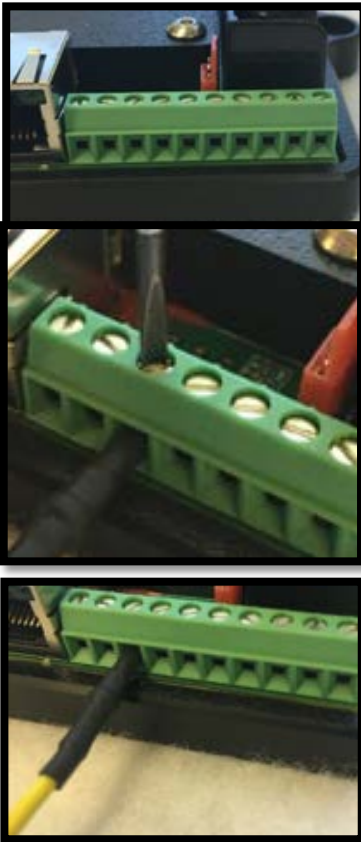
INPUT 1: Use this input to disable the low voltage cut off by attaching 12/24v from a positive power feed. This will override the LVCO.

INPUT 2: Use this input to activate the Key-On/Lock-Out function from a source of 12v/24v from a positive power feed, such as a fuse or circuit that is live when the ignition key is on. (NOTE) ALWAYS attach to input first, then attach to the power last to avoid a short.

INPUTS 3-10: Use these inputs to activate any of the switches (outputs 1-8) by an external device that has a 3.3 – 24VDC signal.

EXAMPLE: Outputs can be controlled by external devices such as, but not limited to:

Thermostats, Alarm systems, Sending units, Sensors, Limit switches, Pressure switches, Remote switches, Arduino, Raspberry Pi and many more devices that utilize ground or positive triggers ranging from 3.3VDC – 24VDC



JUMPER FOR +/- INPUT TRIGGERS

JUMPER: Use this jumper to switch the 8 inputs between Positive trigger input and Ground trigger input. (NOTE: this applies to all 8 inputs)

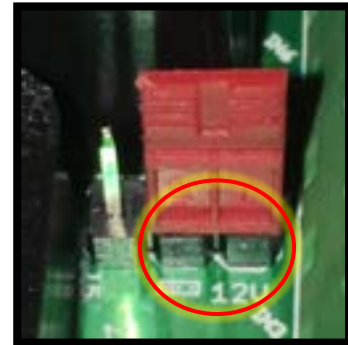
JUMPER LOCATION



JUMPER ON 2 PINS ON LEFT FOR GROUND TRIGGER



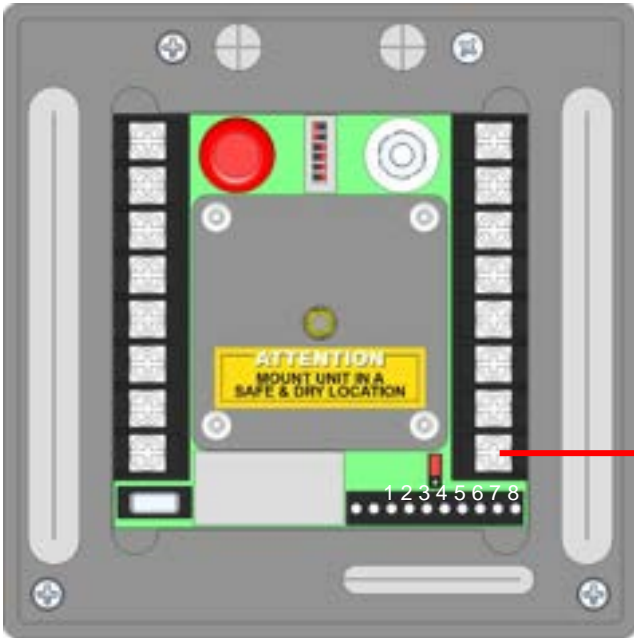
JUMPER ON 2 PINS ON RIGHT FOR POSITIVE TRIGGER



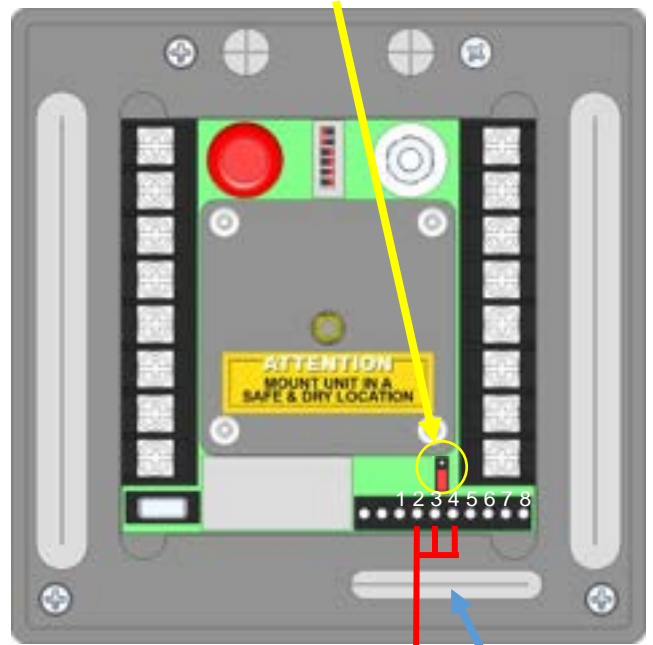


TRIGGERING 3 CIRCUITS VIA THE INPUTS

OR IF YOU WANT TO TRIGGER 3 CIRCUITS USING ANOTHER BANTAM



JUMPER MUST BE ON POSITIVE



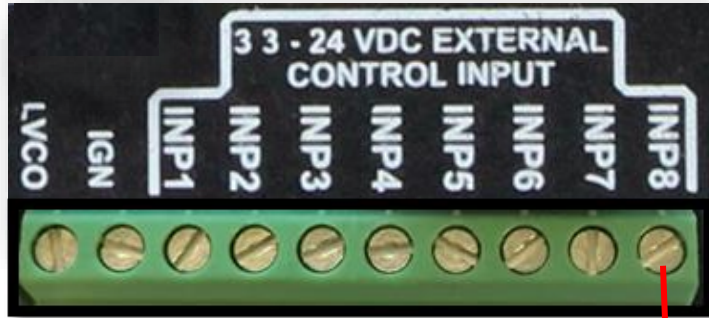
DAISY CHAIN THE 3 INPUTS



OR IF YOU WANT TO TRIGGER 3 CIRCUITS USING A DOME LIGHT

POWER SIDE (+) INPUT ILLUSTRATION FROM HI-BEAM ACTIVATION

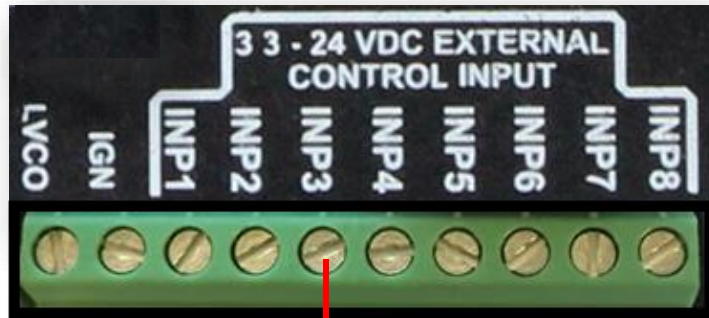
JUMPER ON 2 PINS ON RIGHT FOR POSITIVE TRIGGER



TO CONTROL
AUX LIGHTING ACTIVATED
BY THE OEM HI-BEAM
ACTIVATION

POWER SIDE (+) INPUT ILLUSTRATION FROM A INTERIOR CURTESY LIGHT

JUMPER ON 2 PINS ON RIGHT FOR POSITIVE TRIGGER

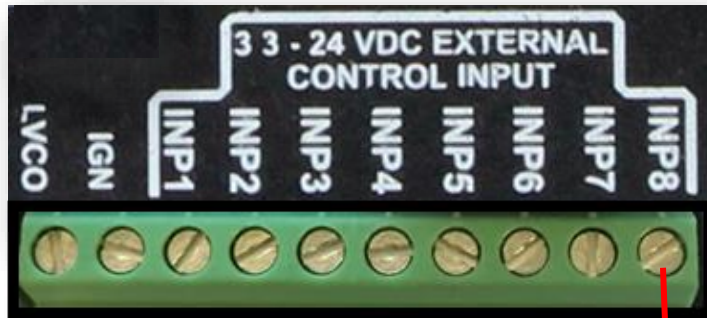


TO CONTROL
AUX LIGHTING
ACTIVATED BY THE OEM
CURTESY LIGHTS



POWER SIDE (+) INPUT ILLUSTRATION FROM A REVERSE LIGHT ACTIVATION

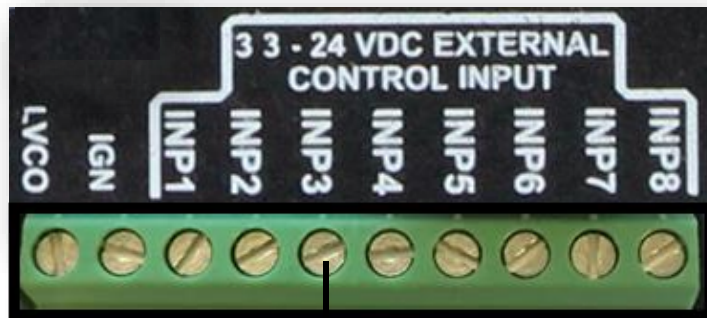
JUMPER ON 2 PINS ON RIGHT FOR POSITIVE TRIGGER



TO CONTROL
AUX LIGHTING ACTIVATED
BY THE OEM REVERSE LIGHTS
ACTIVATION

GROUND SIDE - INPUT ILLUSTRATION FROM A INTERIOR CURTESY LIGHT

JUMPER ON 2 PINS ON LEFT FOR GROUND TRIGGER



TO CONTROL
AUX LIGHTING
ACTIVATED BY THE OEM
CURTESY LIGHTS

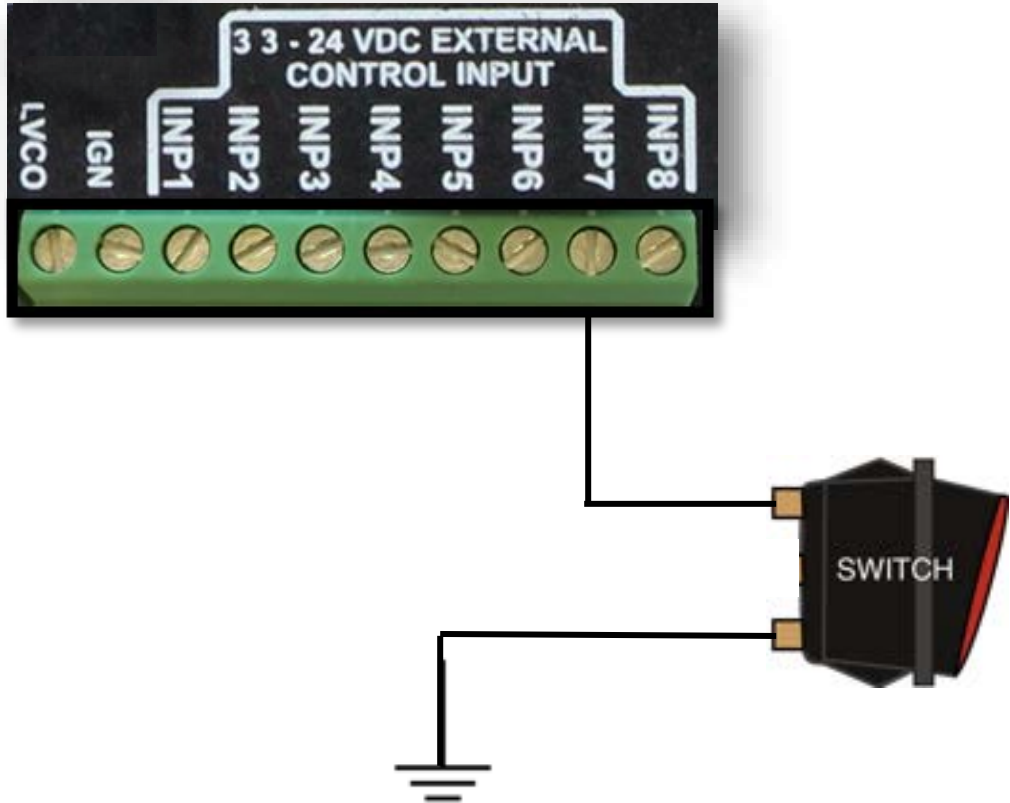
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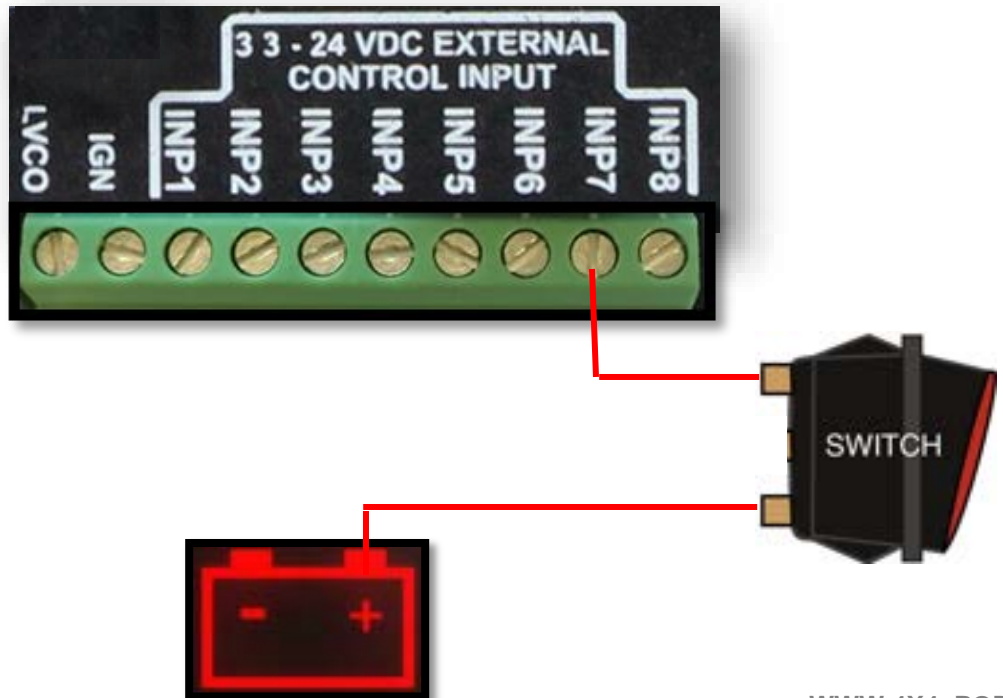
GROUND INPUT ILLUSTRATION

JUMPER ON 2 PINS ON LEFT
FOR GROUND TRIGGER



POWER SIDE (+) INPUT ILLUSTRATION

JUMPER ON 2 PINS ON RIGHT
FOR POSITIVE TRIGGER



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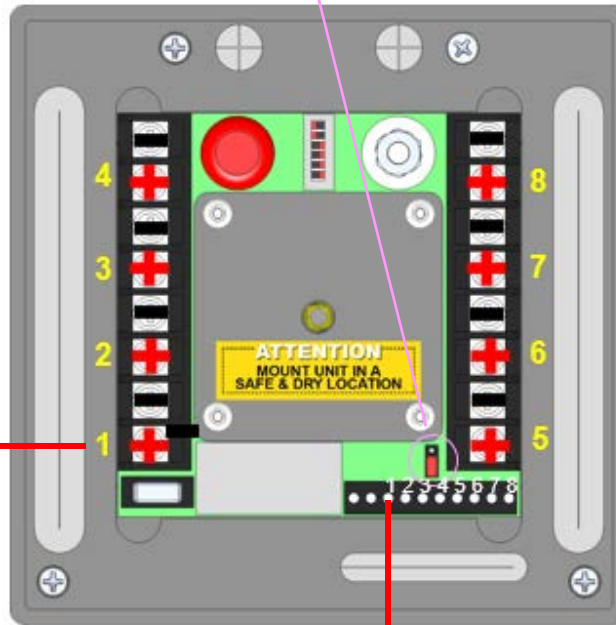
Pro-Series ONLY

EXAMPLE WORKING WITH INPUTS USED FOR LOCKOUT

JUMPER MUST BE ON POSITIVE

BE SURE THAT YOU ARE PAIRED UP AND CONNECTED TO THE BANTAM

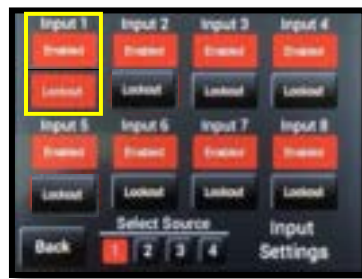
WHEN INPUT #1 SEES 12V, IT WILL DISABLE OUTPUT #1



TO A 12V SOURCE THAT IS LIVE WHEN IGNITION IS ON

PROGRAMMING VIA TOUCHSCREEN

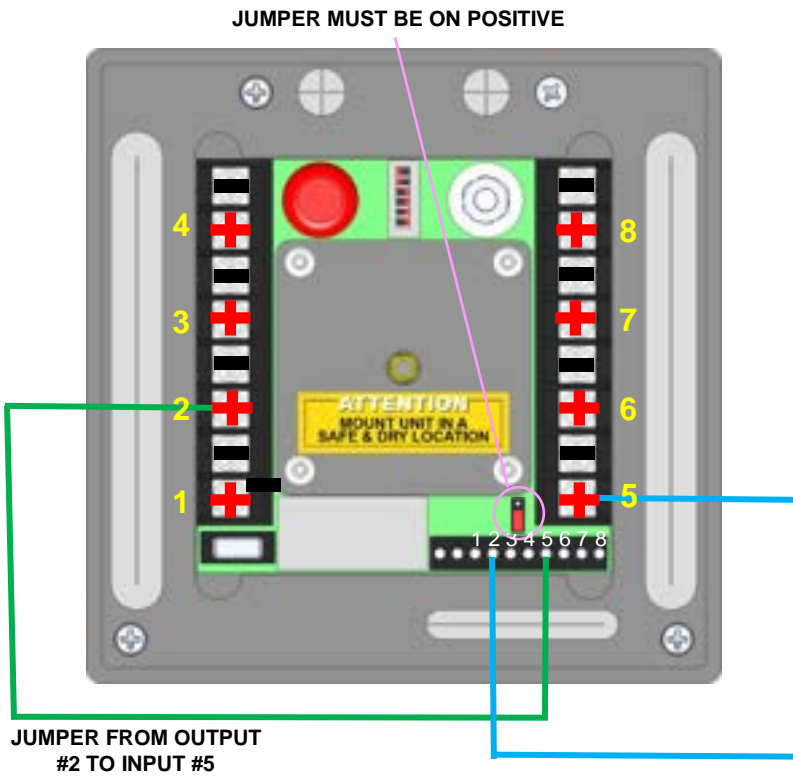
PROGRAMMING sPOD BANTAM APP WHILE CONNECTED TO THE BANTAM



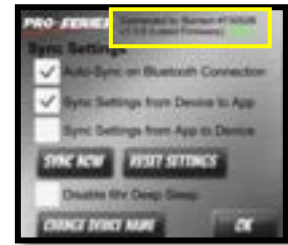


Pro-Series ONLY

**BAJA DESIGNS HI/LOW BEAM LOCKOUT
 EXAMPLE WORKING WITH CIRCUITS #2 AND #5**

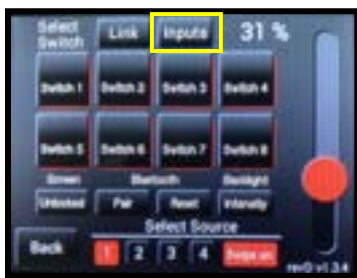


**BE SURE THAT YOU ARE PAIRED UP
 AND CONNECTED TO THE BANTAM**

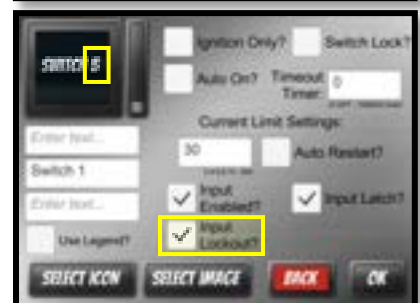


**JUMPER FROM OUTPUT
 #5 TO INPUT #2**

**PROGRAMMING VIA
 TOUCHSCREEN**



**PROGRAMMING sPOD BANTAM APP
 WHILE CONNECTED TO THE BANTAM**



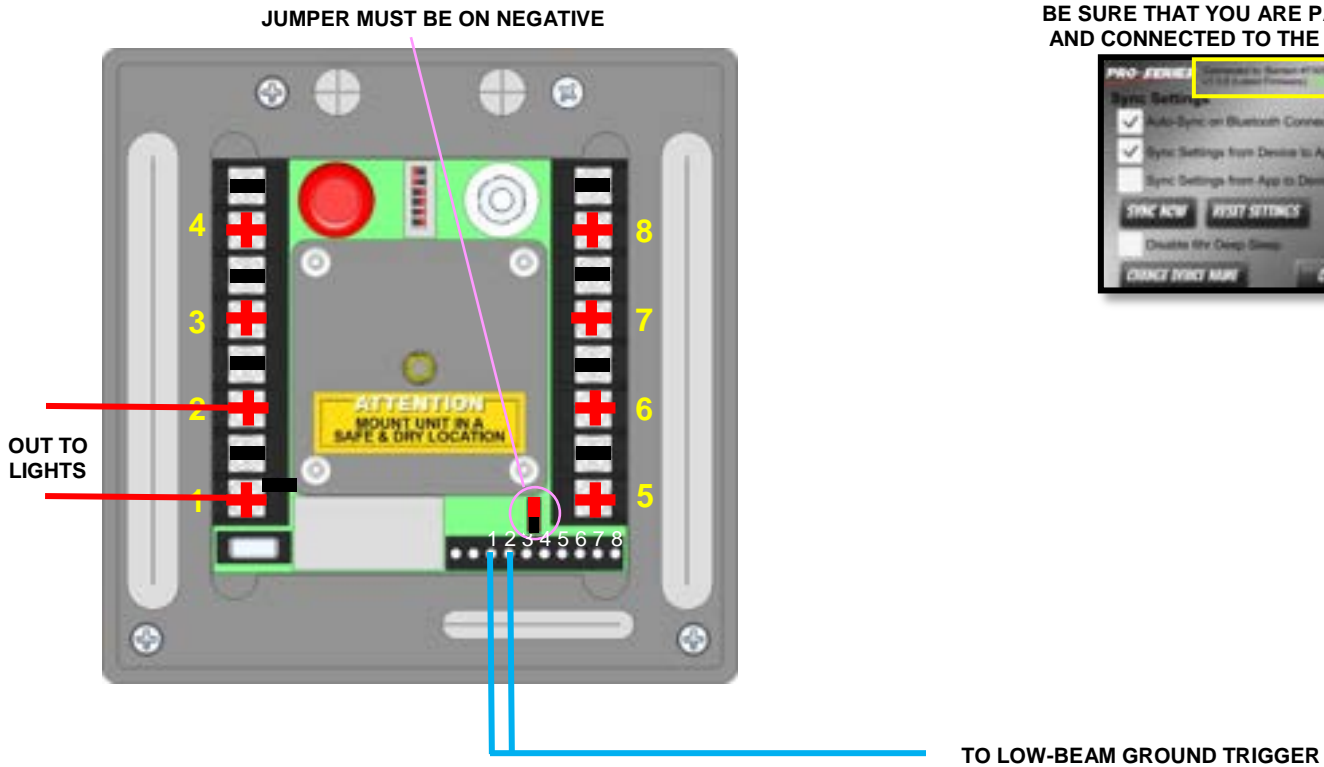
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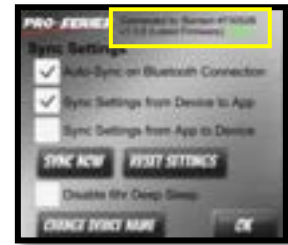


Pro-Series ONLY

LOCKOUT USING GROUND TRIGGER FROM A LOW-BEAM GROUND CIRCUIT



BE SURE THAT YOU ARE PAIRED UP AND CONNECTED TO THE BANTAM



PROGRAMMING VIA TOUCHSCREEN

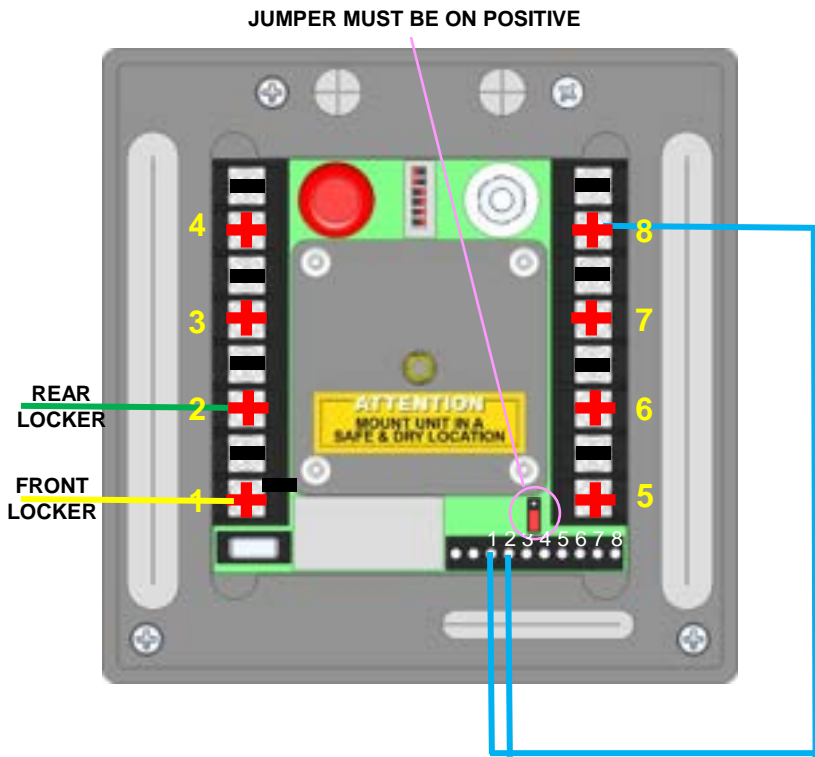


PROGRAMMING sPOD BANTAM APP WHILE CONNECTED TO THE BANTAM

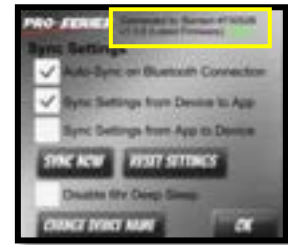




Pro-Series ONLY
FRONT/REAR LOCKER SAFETY LOCKOUT
EXAMPLE WORKING WITH CIRCUITS #1, #2 AND #8



BE SURE THAT YOU ARE PAIRED UP AND CONNECTED TO THE BANTAM



OPTIONAL SOURCE WOULD BE A CIRCUIT THAT IS LIVE WHEN IN 4WD

PROGRAMMING VIA TOUCHSCREEN



PROGRAMMING sPOD BANTAM APP WHILE CONNECTED TO THE BANTAM

