

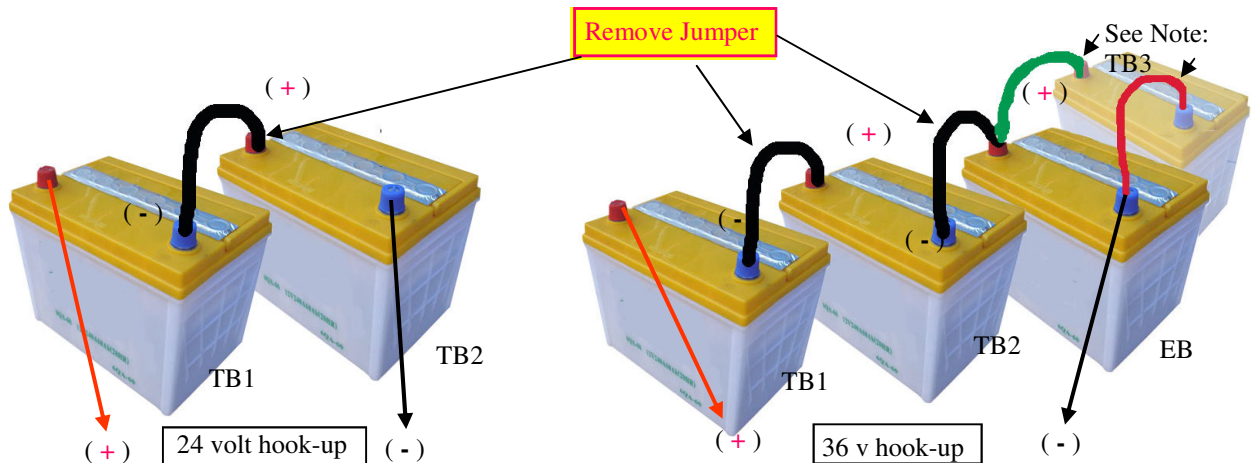
# BassMaxx II

## Installation Guide : BassMaxx II “On The Run” 12 / 24 / 36 Volt System

### IMPORTANT:

**Please remove the 24V or 36V series connection that the batteries may be wired in.**

The BassMaxx II will not be able to operate until this series connection is removed. The location of this connection may vary depending on the boat manufacturer. Please contact the manufacturer, or your dealer if the series connection is in question.



Note: For a 4 Battery Hook up, place TB3 in Parallel with EB

*Additional areas to check for battery jumpers / straps. Wiring maybe located in older trolling motors.*

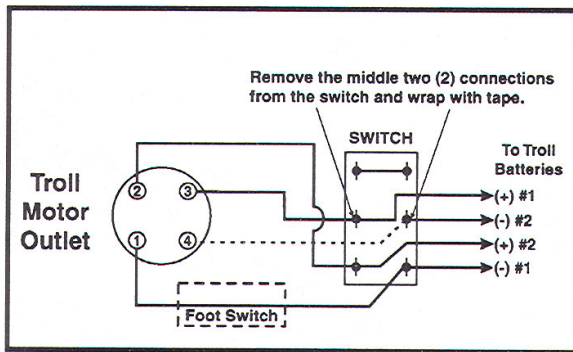


Diagram #1

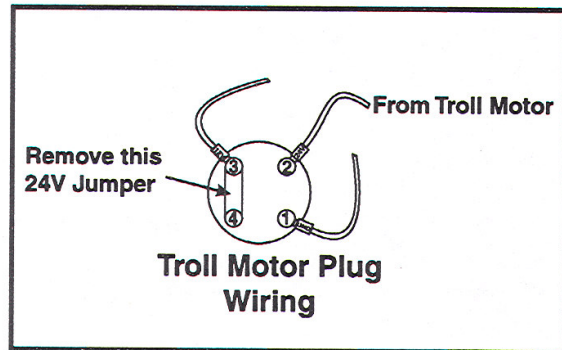
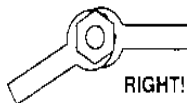
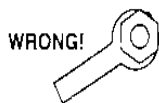


Diagram #2

### IMPORTANT

The proper way to tighten nuts on the Automatic Battery System uses two wrenches as shown below— **DO NOT USE ONE WRENCH!**



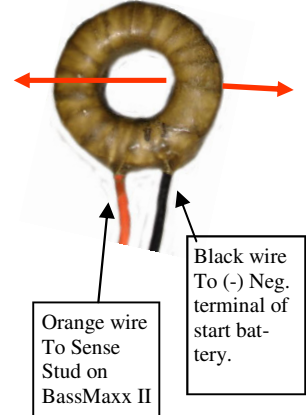
Improper use of a single wrench or over tightening of the terminal can cause the terminal to turn and break connections inside the unit. This could cause wiring to shorts and/or system failure.

## INSTALLATION INSTRUCTIONS FOR INBOARD APPLICATION

### SENSOR PLACEMENT

1. The (B+) alternator charge wire, on most inboard engines, is tied from the alternator to the battery (+) terminal on your starter. Remove one end of this wire and pass it through the hole in the center of the sensor donut. Don't put any other wires through this hole! If the positive alternator wire runs directly to the positive start battery you must place the sensor donut on that wire between the alternator and the battery.
2. Connect one orange lead from the sensor donut to the negative (-) side of the start battery then connect the other orange lead to the (Sense) stud on the BassMaxx II.

These leads may be extended if required.  
Note: For TWIN ENGINE applications, repeat steps # 1 and # 2 for the second Engine and Start Battery.



## INSTALLATION INSTRUCTIONS FOR OUTBOARD APPLICATION

### SENSOR PLACEMENT

1. Disconnect the positive (+) power lead from the engine to the start battery, slide the sensor donut over the lead, secure the sensor donut with the supplied cable tie and reconnect the lead to the start battery.
2. Connect one orange lead from the sensor donut to the negative (-) side of the start battery then connect the other orange lead to the (Sense) stud on the BassMaxx II. These leads may be extended if required.

Pass the engine positive wire through the sensor donut and re-connect to the positive of the Engine Start Battery. The Negative engine wire will go directly to the negative side of the engine Start Battery.

**Wells Marine Technology Suggest:**

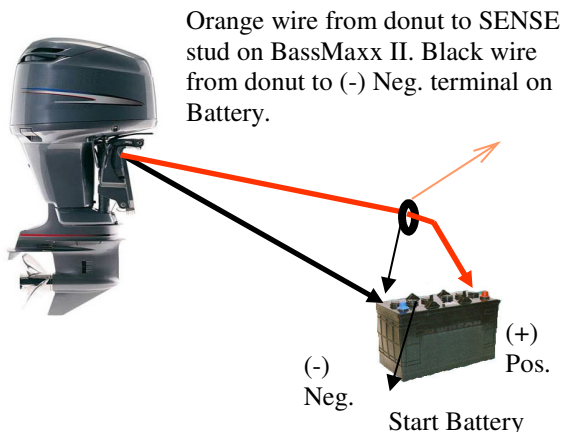
8 ga. .... 6 feet and under

6 ga. .... 6' to 12 '

4 ga. .... 12' to 15'

**Length of conductor from Source to Device and back to Source in feet.**

	10	15	20	25	30	40
<b>TOTAL CURRENT ON CIRCUIT IN AMPS.</b>	<b>12 Volts - 3% Drop Wire Sizes (gauge)</b>					
5	18	16	14	12	12	10
10	14	12	10	10	10	8
15	12	10	10	8	8	6
20	10	10	8	6	6	6
25	10	8	6	6	6	4
30	10	8	6	6	4	4
40	8	6	6	4	4	2
50	6	6	4	4	2	2
60	6	4	4	2	2	1
70	6	4	2	2	1	0
80	6	4	2	2	1	0
90	4	2	2	1	0	2/0
100	4	2	2	1	0	2/0

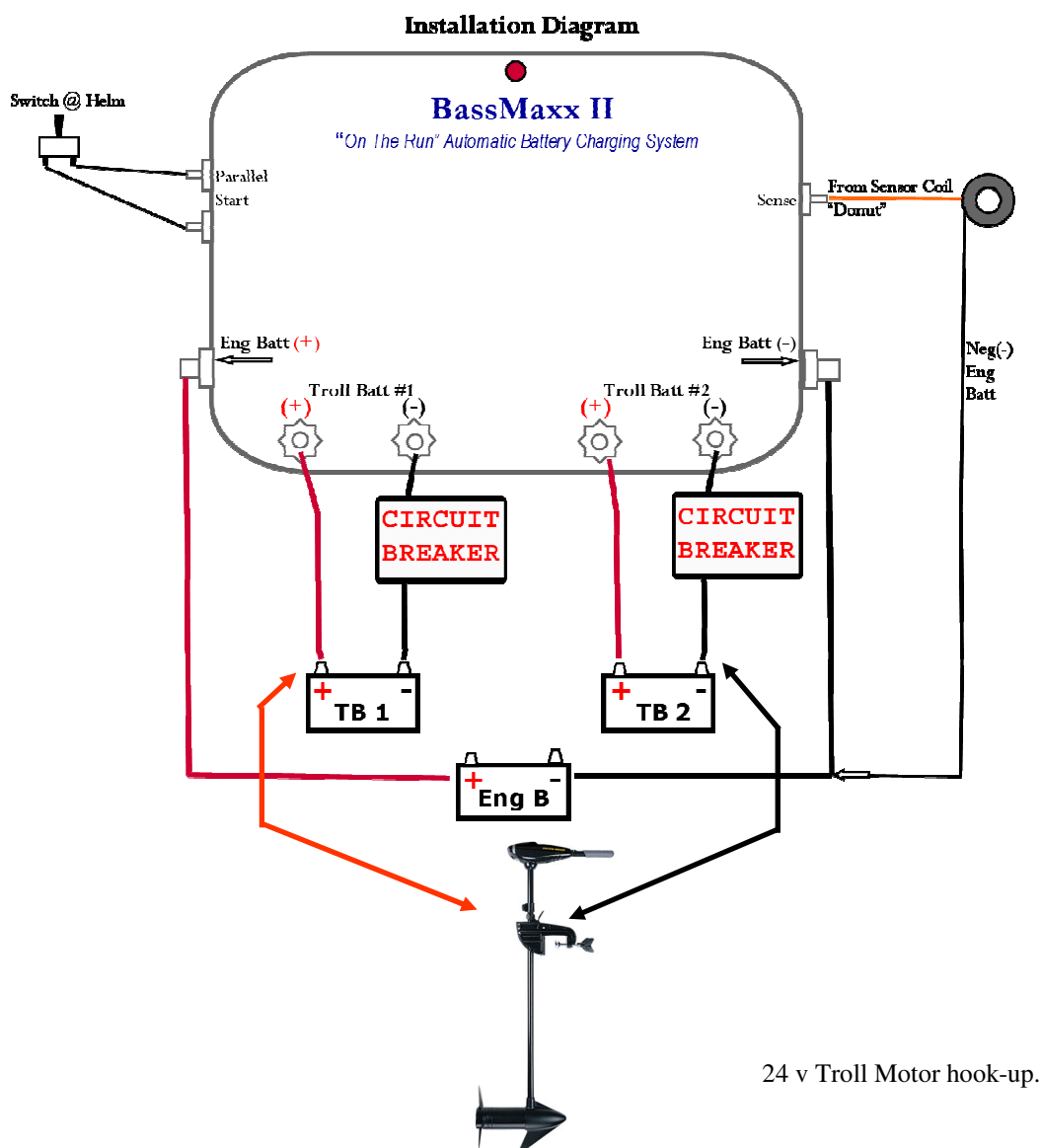


**NOTE: Remove ALL Jumpers / Straps from All Batteries before installing the BassMaxx II**

Please review the drawing below while installing your 24 volt trolling motor to the proper battery terminals, .

**Please remember to insert the enclosed circuit breakers.**

The circuit breakers will help protect the relays inside the BassMaxx II in case of improper installation. Never use "Spring Clips / Clamps" to install battery cables.



When the gas outboard is started, the trolling motor batteries are disconnected automatically from their 24 / 36 Volt configuration and placed in parallel with the outboard crank battery. All three batteries are charged in parallel while the outboard is running. After the engine stops, all batteries connections return to 24 / 36 Volt configuration.

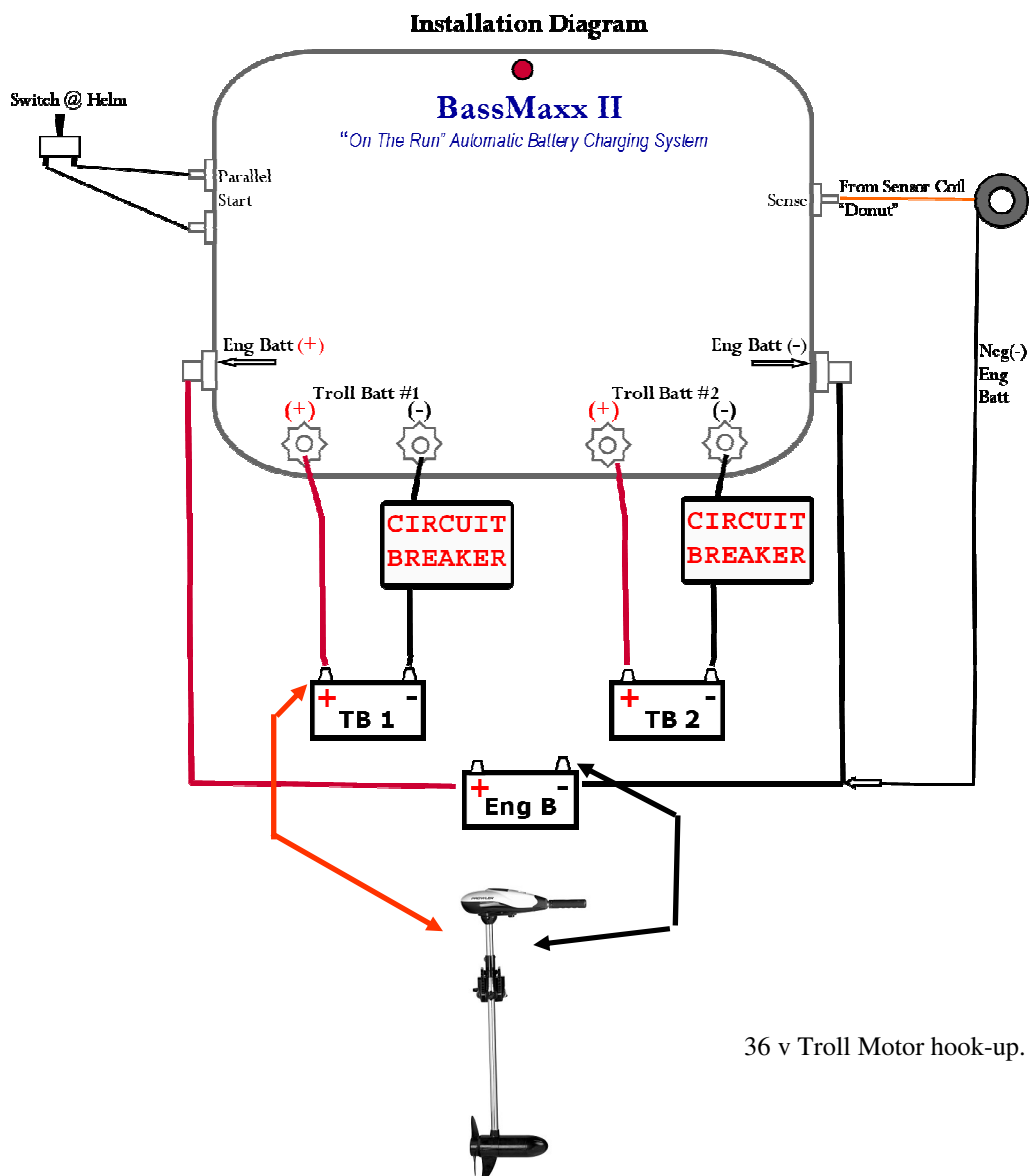
**NOTE: Remove **ALL** Jumpers / Straps from All Batteries before installing the BassMaxx II**

Please review the drawing below while installing your 36 volt trolling motor to the proper battery terminals, .



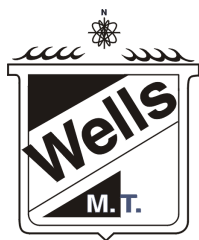
**Please remember to insert the enclosed circuit breakers.**

The circuit breakers will help protect the relays inside the BassMaxx II in case of improper installation. Never use "Spring Clips / Clamps" to install battery cables.



36 v Troll Motor hook-up.

When the gas outboard is started, the trolling motor batteries are disconnected automatically from their 24 / 36 Volt configuration and placed in parallel with the outboard crank battery. All three batteries are charged in parallel while the outboard is running. After the engine stops, all batteries connections return to 24 / 36 Volt configuration.



### Parallel (Emergency) Start Switch Studs < Emergency switch can be mounted remotely >

**IF AN ENGINE SHOULD FAIL TO START BECAUSE OF A LOW BATTERY:**

- 1. ENGAGE AND HOLD MOMENTARY SWITCH FOR 30 SECONDS.**
- 2. START ENGINE.**
- 3. RELEASE SWITCH.**



## **CERTIFICATE OF LIMITED WARRANTY**

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We feature several different product lines that are designed and built to meet specific Battery Management needs. Whether your need is centered around a recreational vehicle, offshore fishing boat, sailboat, flat boat, bass boat with multiple-volt demands for electric trolling motors, or just making sure your batteries stay in top condition while trailing your boat, Wells Marine has the right product to fit your needs.

For special needs and projects, we also offer custom built units, specifically designed to your particular situation. Just give us a call and we will be more than happy to help you make sure you have the power to start and stay up and running.

Our Newest Patented Product:



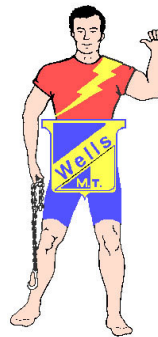
Target Charge is a totally new concept in battery management, designed specifically for the modern electronically controlled engines. Target Charge is designed for the 2 engine, 3 battery configuration that is so popular with so many fish & cruise enthusiasts that are buying & operating boats today

**The Batttraxx is designed to alert the operator long before the battery can no longer support DC electrical devices, on board systems, and most important electronically controlled engines. Dead batteries are a major cause of expensive tows.**

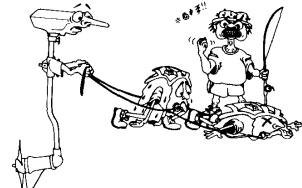


### The Hitch-Hiker:

Charges your boats batteries from your tow vehicle while driving to your fishing location.



**NO MORE DEAD BATTERIES !**



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