

BOLT Control (BCN6000) Installation & Quick-start Instructions

For information on installing a complete BOLT Trim Tab System, please visit BennettTrimTabs.com/BOLT-Install

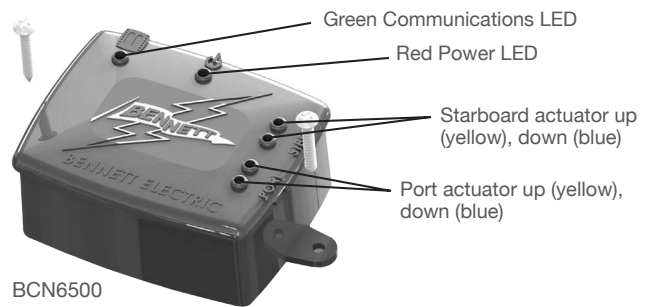
User Quick-start Guide



BCN Control Installation Instructions

- Before drilling any holes, read the entire instructions.
- Using the included template (below), mark the locations for the $\frac{3}{16}$ " holes and the 1" center hole.
- Check carefully to ensure there are no obstructions behind the console before drilling any holes.
- Using a 1" diameter hole-saw, drill the center hole. Use a $\frac{3}{16}$ " drill for the four mounting stud holes.
- Place the helm display keypad onto the console, feeding the pre-connected wires through the 1" center hole while inserting the screws into each of the four holes.
- Once the control plate is properly seated, use the 4 white nylon thumb nuts provided to secure the display.
- Plug the 3 ft. wire harness on the display to the 3 ft. wire harness on the BCN Diagnostics Relay Module (If cable length is not long enough, an extension is available as part number BHW40XX).
- Connect the orange wire to the power source for the gauges at the helm. This will power the control with all other dash devices.
- Connect the purple wire to the ignition switch (or any 12V circuit that turns ON and OFF with ignition) for auto tab retraction. This wire is used to initiate Auto Tab Retraction (ATR) when the ignition is switched to the OFF position. If ATR is not desired, this connection may be omitted.

Diagnostics Relay Module Installation



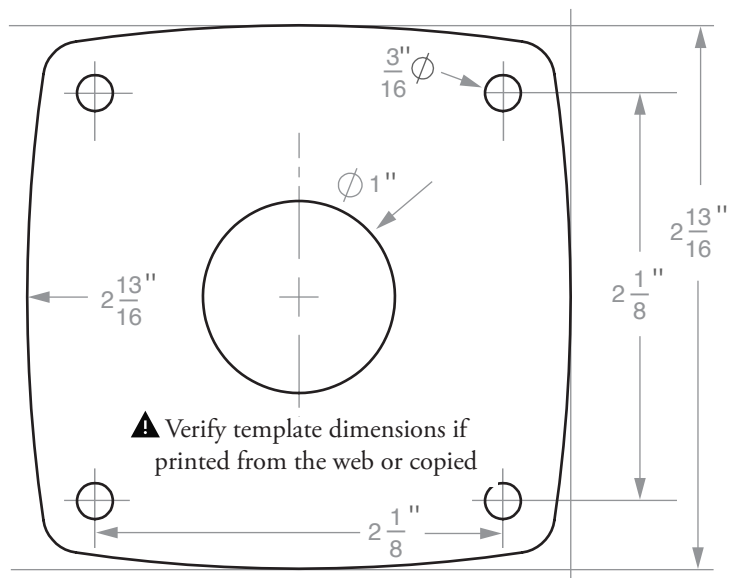
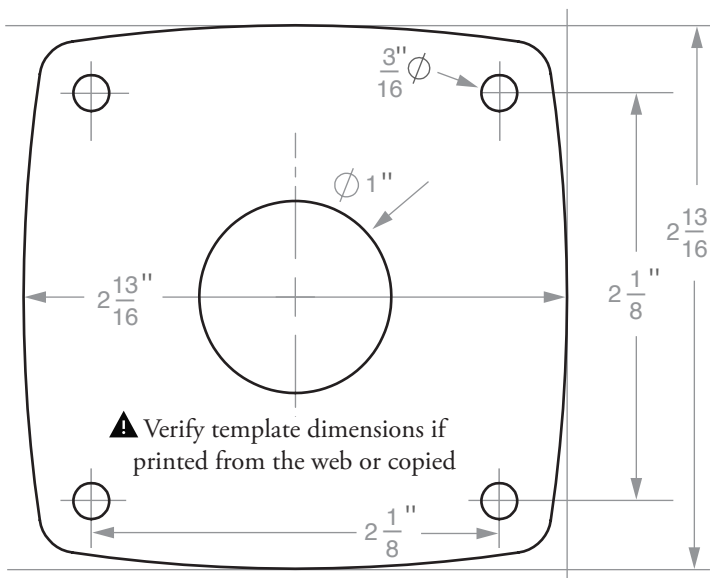
BCN6500

- Mount the Diagnostics Relay Module under the helm using the mounting hardware (2 screws provided) to secure it in place.
- Plug the (2) wire harnesses (BAW20XX) into the port and starboard actuators at one end. Then plug the other end of the (2) wire harnesses (BAW20XX) to the port and starboard plugs on the Diagnostics Relay Module (If cable length is not long enough, an extension is available).
- Find a suitable dry location
- Mount using #8 x $\frac{1}{2}$ " screws
- Connect helm control
- Plug the port yellow/blue 20ft. twisted cable (PN# BAW20XX) to the port connector on the BRC Rocker Control.
- Plug the starboard yellow/blue 20ft. twisted cable (PN# BAW20XX) to the starboard connector on the BRC Rocker Control.
- Connect ground (black wire) to ground bus
- Connect power (orange wire) to a supply capable of a 20A (12V), or 10A (24V)
- Control will power up when the orange wire is connected
- If the system is not functioning properly, refer to the troubleshooting section on the reverse side.

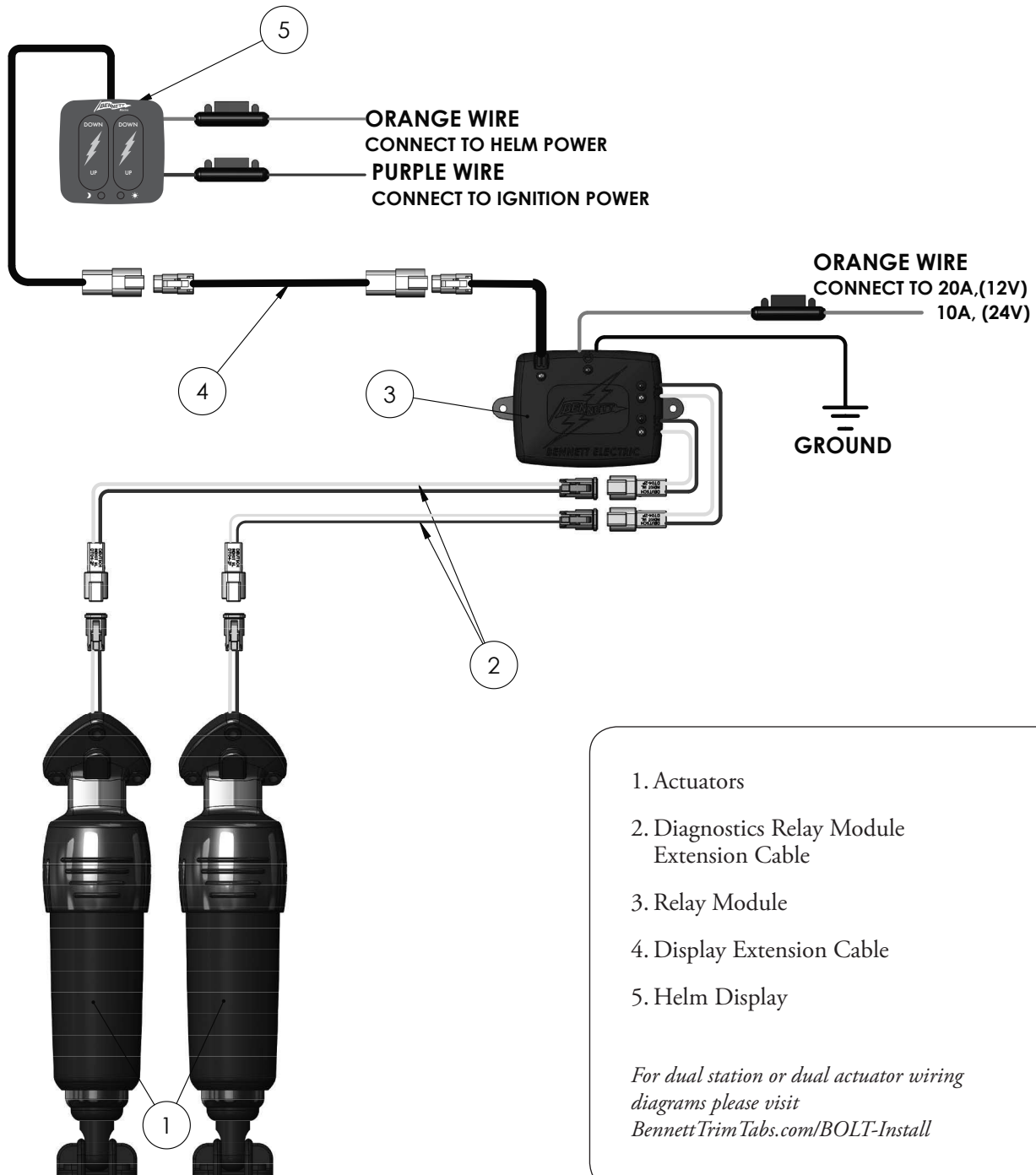


BCN Control Installation Drilling Templates

Both drilling templates below are identical. The second has been provided for dual station applications. Must be copied at 100% if replicated.



BOLT Trim Tab System Wiring Diagram with BCN Control



Have questions?

We're here to help.



For product support, please call **1-866-894-1626 (Option #3)**, or email **BMI_Info@Yamaha-motor.com**.
Bennett Marine is a Division of Yamaha Marine Systems Company, Inc. - Learn more at **BennettTrimTabs.com**

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