



A Pontoonstuff Web Retailer

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EZH-021 Snap Together 20 Foot Boat Wiring Instructions

Your new Snap Together 20 Foot Boat Wiring Harness Kit contains the following items

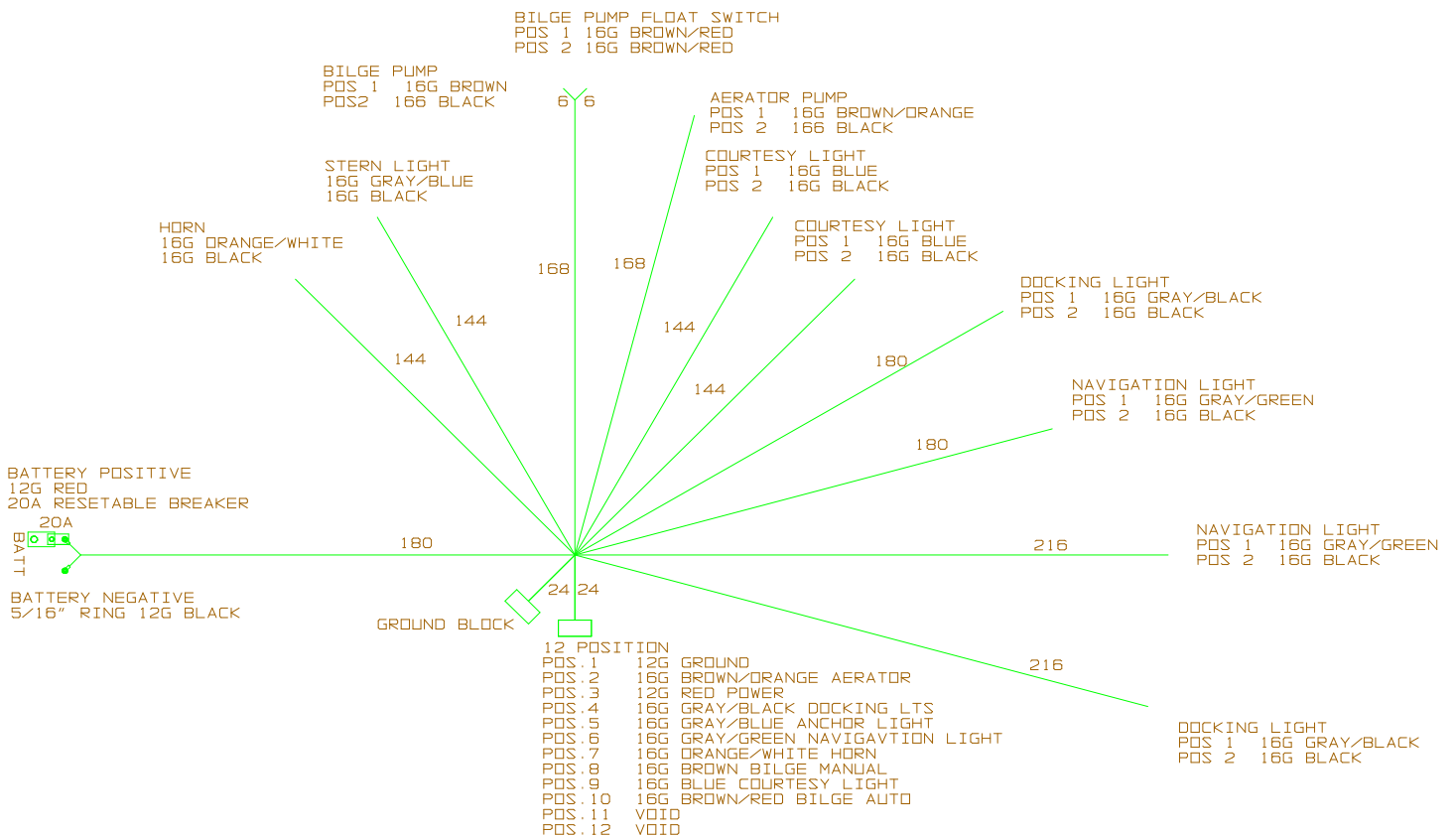
- 1 – 20 Foot Boat Wiring Harness
- 10 – EZH-012 Accessory Adaptors
- 1 – EZH-010 Helm Connection Adaptor
- 25 - #8 x 3/4" Stainless Steel Mounting Screws
- 25 – Black Nylon Tie Wraps with mounting holes

Installation

IMPORTANT Disconnect the battery, battery charger, inverter, shore power cable, or any other type of power source on the boat.

Before removing the existing accessory wiring from boat, make diagrams of your existing boat wiring and take photos. Pay close attention to wire color and devices these wires are connected to. Do not remove engine control harness that connects between your engine, your ignition switch, and your instrumentation.

Snap Together 20 Foot Boat Harness Schematic – All dimensions are in inches



Electrical Connections

Locate the 12 position helm connector on your new boat harness. This will connect directly to any EZACDC switch panel. If you are using your existing helm wiring, you will need to use the included EZH-010 Helm Connector adaptor to connect your new boat wiring harness to your existing wiring.

EZH-010 Helm Connector Adaptor Installation

- Connects EZ wiring harness to existing boat helm panel.
- Allows electrical connection to switch panel without modifying new boat wiring harness.
- Using your diagram, photos, and a multimeter connect your wires:
 - Black – Ground – Connects to panel ground
 - Brown/Orange – Aerator
 - RED – Power feed for panel
 - Gray/Black – Docking Lights
 - Gray/Blue – Anchor/Stern Light
 - Gray/Green – Navigation/Bow Light
 - Orange/White – Horn
 - Brown – Bilge Manual
 - Blue – Courtesy Light
 - Brown/Red – Bilge Auto

If your boat doesn't have these components, simply tie up the unused wire and save it for when you add that component.

Accessory Connectors

All accessories connections on your new boat wiring harness are made with sealed Packard snap together connectors. The wires follow a common color code and are labeled.

The Colors are:

- Black – Ground
- Gray/Black – Docking Lights
- Gray/Green – Navigation Lights (Red/Green)
- Orange/White – Horn
- Blue – Courtesy Lights
- Gray/Blue – Stern Light (White All-Round)
- Brown/Orange – Aerator Pump
- Brown – Bilge Pump Manual
- Brown/Red – Bilge Pump Auto

Adaptors are provided to connect to your legacy items. If you purchased new EZACDC components, the adaptors are not required.

Wire Routing

The most common wire route for your boat harness is along the gunwale. Start at the helm connection and route your wires forward for the navigation lights, docking lights, and horn. Route your courtesy light wires from the helm connector as needed. Complete the wire routing by running your aerator, bilge pump, stern light, and battery wires aft. Use the provided nylon wire ties to attach the harness to your boat and retain extra wire slack.

Final details

- Reconnect battery
- Confirm that all circuits work properly
- Tie up extra wires with nylon cable ties