



## Boat Switch Wiring Harness Connection Examples

You should use the installation instructions provided with your Garmin® Boat Switch device when installing and configuring the device on your vessel. You can download the latest version of the Garmin Boat Switch Installation Instructions from [support.garmin.com](https://support.garmin.com).

This document is a supplement to the installation instructions that provides visual diagrams of a fully-wired device you can use to assist with your installation. The four diagrams are differentiated based on the type of navigation light wiring that best applies to the navigation lights on your vessel.

If you connect navigation lighting using any method other than option A, you must configure the device to operate as intended. See the installation instructions for complete details.

### WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Garmin strongly recommends using a professional installer with proper knowledge of electrical systems to install the device. Incorrectly installing the device can result in serious bodily injury and damage to the vessel or the battery.

### CAUTION

Failure to follow these cautions could result in bodily injury, damage to the device and/or vessel, or poor product performance.

This device must be installed according to the installation instructions provided in the product box or downloaded from [support.garmin.com](https://support.garmin.com).

Disconnect the vessel's power supply before beginning to install this product.

Before applying power to this product, make sure it has been correctly grounded according to the installation instructions.

You must read all installation instructions before beginning the installation. If you do not understand the installation needs of this device, or if you experience difficulty during the installation, contact Garmin Product Support.

### NOTICE

It is your responsibility to comply with applicable laws, regulations, and standards related to the use and/or operation of marine navigation lights. Garmin is not responsible for any fines, penalties, citations, or damages that may be incurred due to any such lack of compliance.

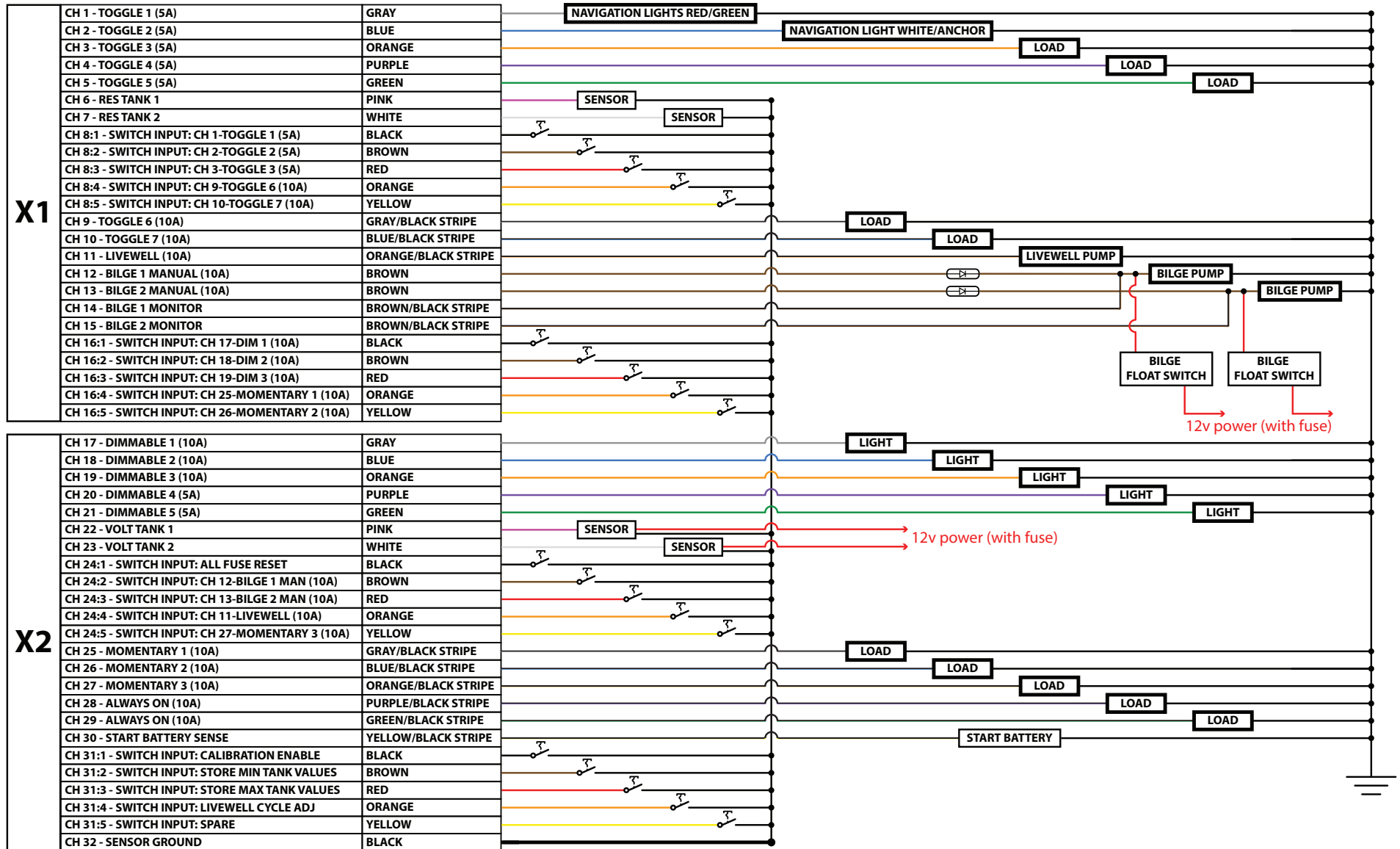
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## All Connections Including Navigation Light Wiring Option A

By default, the device is set to this option. Channels 1 and 2 are interlocked and intended for one connection to red and green navigation lights and one connection to white navigation/anchor lights.

When the device is connected properly using this option, it functions as described below.

- When underway, pressing the switch for channel 1 turns on and off both channel 1 and channel 2 (both red and green navigation lights and white navigation/anchor lights).
- When at anchor, pressing the switch for channel 2 turns on and off channel 2 only (white navigation/anchor lights), and turns off channel 1 (red and green navigation lights) if it is already on.

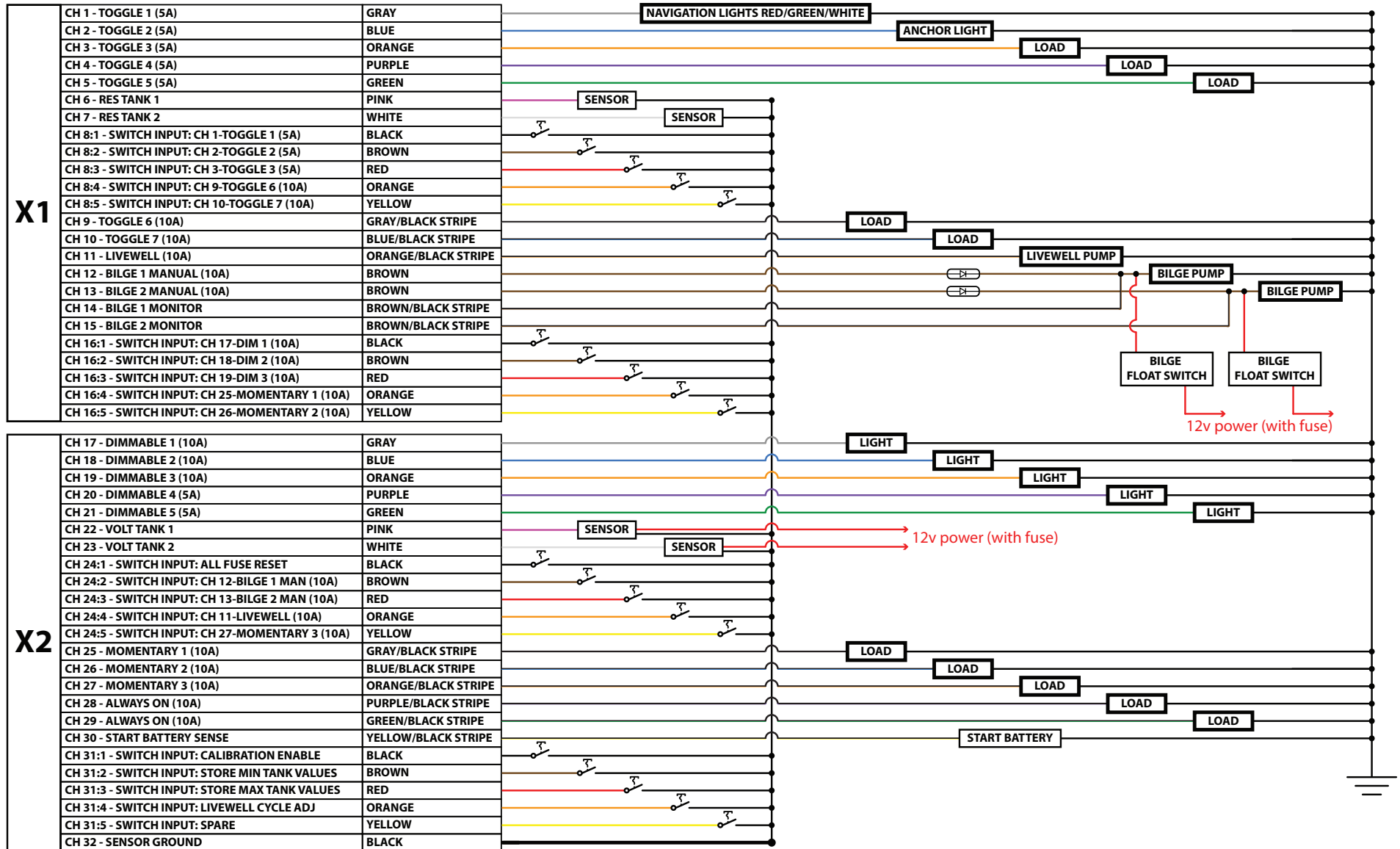


## All Connections Including Navigation Light Wiring Option B

You can configure the device so that channels 1 and 2 are interlocked and intended for one connection to red/green/white navigation lights and one connection to an anchor light.

When the device is connected properly using this option, it functions as described below.

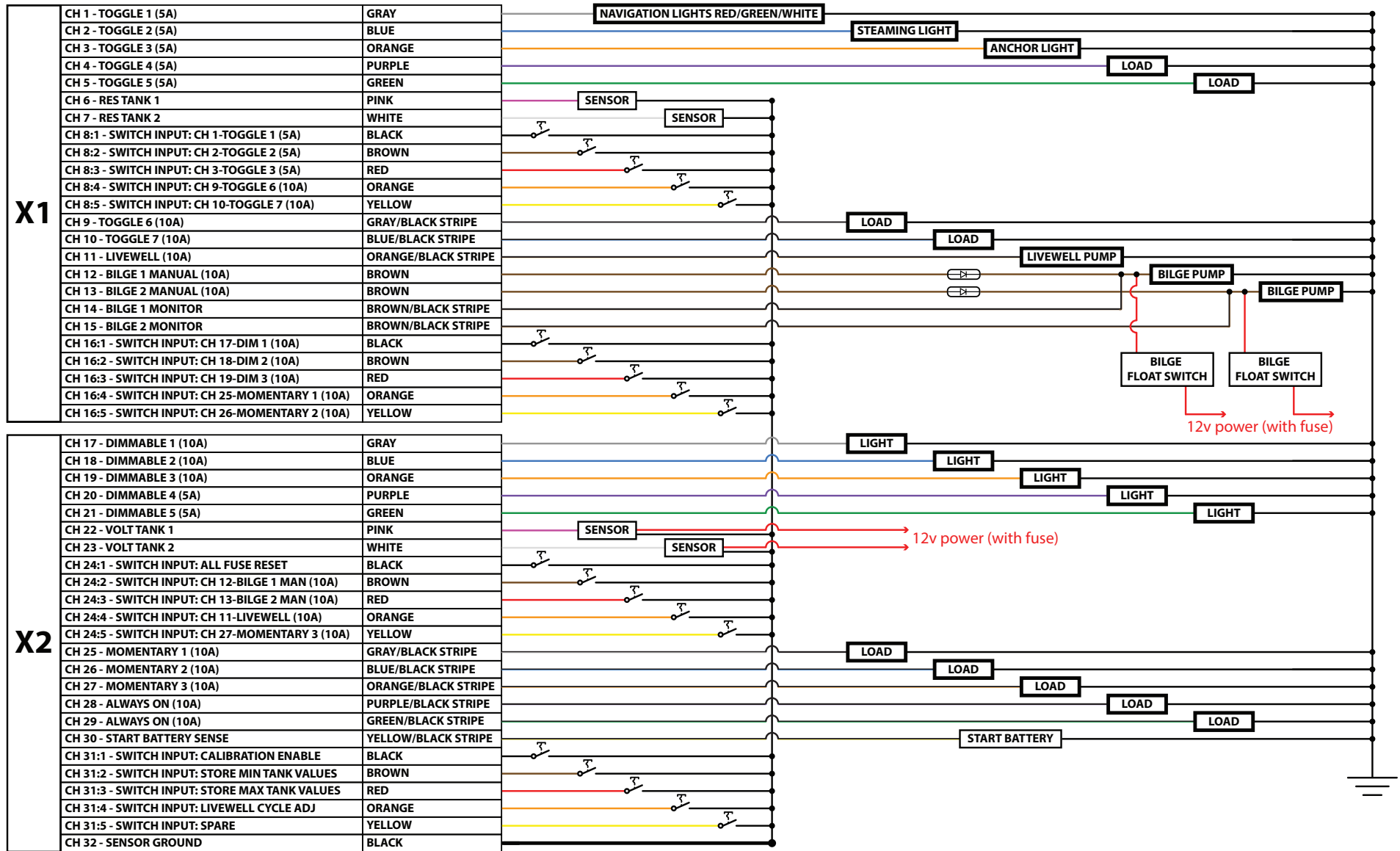
- When underway, pressing the switch for channel 1 turns on and off only channel 1 (red/green/white navigation lights) and turns off channel 2 (anchor light) if it is already on.
- When at anchor, pressing the switch for channel 2 turns on and off only channel 2 only (anchor light), and turns off channel 1 (red/green/white navigation lights) if it is already on.



## All Connections Including Navigation Light Wiring Option C

You can configure the device so that channels 1, 2, and 3 are interlocked and intended for one connection to red/green/white navigation lights, one connection to a steaming light, and one connection to an anchor light. When the device is connected properly using this option, it functions as described below.

- When underway under sail, pressing the switch for channel 1 turns on and off channel 1 (red/green/white navigation lights), and turns off channel 2 (steaming light) and channel three (anchor light) if either are already on.
- When underway under engine, pressing the switch for channel 2 turns on and off channel 1 (red/green/white navigation lights), and channel 2 (steaming light), and turns off channel 3 (anchor light) if it is already on.
- When at anchor, pressing the switch for channel 3 turns on and off only channel 3 (anchor light), and turns off channel 1 (red/green/white navigation lights) and channel 2 (steaming light) if either are already on.



## All Connections Using No Navigation Light Wiring

If you do not plan to use the device to control navigation lights, you can connect any switched devices to the first three channels using this option.

