

# Lightning X PRODUCTS

TOLL FREE: 888 – 556 – 5777    WEB: [www.LightningXProducts.com](http://www.LightningXProducts.com)

## LXSB9020 10 FUNCTION SWITCH PANEL WITH JOGGER SWITCH SYSTEM

Thank you for purchasing the new LightningX 10 Function Switch Panel System. Please follow the wiring instructions below. If you have any questions please contact us at the above phone number and ask for Technical Support.

### Inspect Your LightningX 10 Function Switch Panel with Jogger Switch System

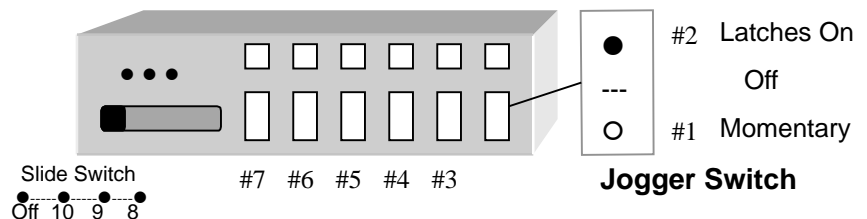
Immediately after unpacking, examine your switch panel for any damage that may have occurred during transit. If the equipment has been damaged, promptly file a claim with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels and tags before removing or destroying them.

### Wiring Your LightningX 10 Function Switch Panel with Jogger Switch System

Before making any electrical connections, determine the polarity of the Vehicle's electrical system ground. Most vehicles require the red (+) positive wire (10 gauge) to the power source and the black (-) negative wire (10 gauge) to be used as a ground wire. The instructions below are for this type of installation. After making all the connections, verify that there are no short circuits to ground prior to connection your positive (+) red lead. The positive (+) wire is red and the ground (-) wire is black. The ground wire should be connected to the vehicle chassis as close as possible to the unit. Scrape away any paint from the selected bolt hole to ensure a good electrical connection to the chassis.

#### Wire No. & Color

- #1 White (18AWG)
- #2 Orange (14AWG)
- #3 Yellow (14AWG)
- #4 Green (14AWG)
- #5 Blue (14AWG)
- #6 Violet (14AWG)
- #7 Gray (14AWG)
- #8 Blue (12AWG)
- #9 Red (12AWG)
- #10 White (12AWG)
- #B Red (18AWG) Backlighting
- #G Black (18AWG)
- #H Red (8AWG)



Connect the appropriate warning light accessory to the color coded wire corresponding to the switch you want to control that warning light accessory. Each switch is independently fused for your safety with a 20-amp fuse.

This switching system features a three-position slide switch for safe, single control of primary and secondary functions. Positions 1, 2, & 3 all have 40 Amp relay and a self-resetting 40-amp circuit breaker.

### Safety Precautions

Read and understand these instructions before installing or operating this equipment. Until installation is complete, and you have verified that there are no short circuits to the ground, do not connect this system to the positive terminal of the battery. When drilling into a vehicle structure, ensure that both sides of the surface are clear of anything that could be damaged. For proper switching function, the ground connection must be made to a solid chassis component- not to an insulated point.