

Safety First

The Strobe Power Supply can be installed in many different types of vehicles. Important information is contained herein that could prevent serious injury or damage; the installer must read this manual completely before installation.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics.
- When drilling holes, the installer **MUST** check both sides of the mounting surface to be sure that no vital vehicle components/parts could be damaged.
- Do not install where it'll interfere with the air bag. Refer to the vehicle owner's manual for the air bag deployment area. The Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the **NEGATIVE (-)** battery post.
- It is recommended that this manual be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows for easy and safe operation in any driving condition.

FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!

- I. **Mounting Power Supply.** Mount on metal surface for heat dissipation and ensure that it's not exposed to water and to potential damage from loose equipment.

Warning: This is a high voltage device, do not touch or remove strobe light head while in operation. Wait at least 10 minutes after disconnecting from its power source before starting work or troubleshooting.

- II. **Installing Strobe Heads.** Install in head lights, tail lights or signal lights by drilling 1 inch holes. Route the extension cables from the Strobe Heads to the Power Supply.

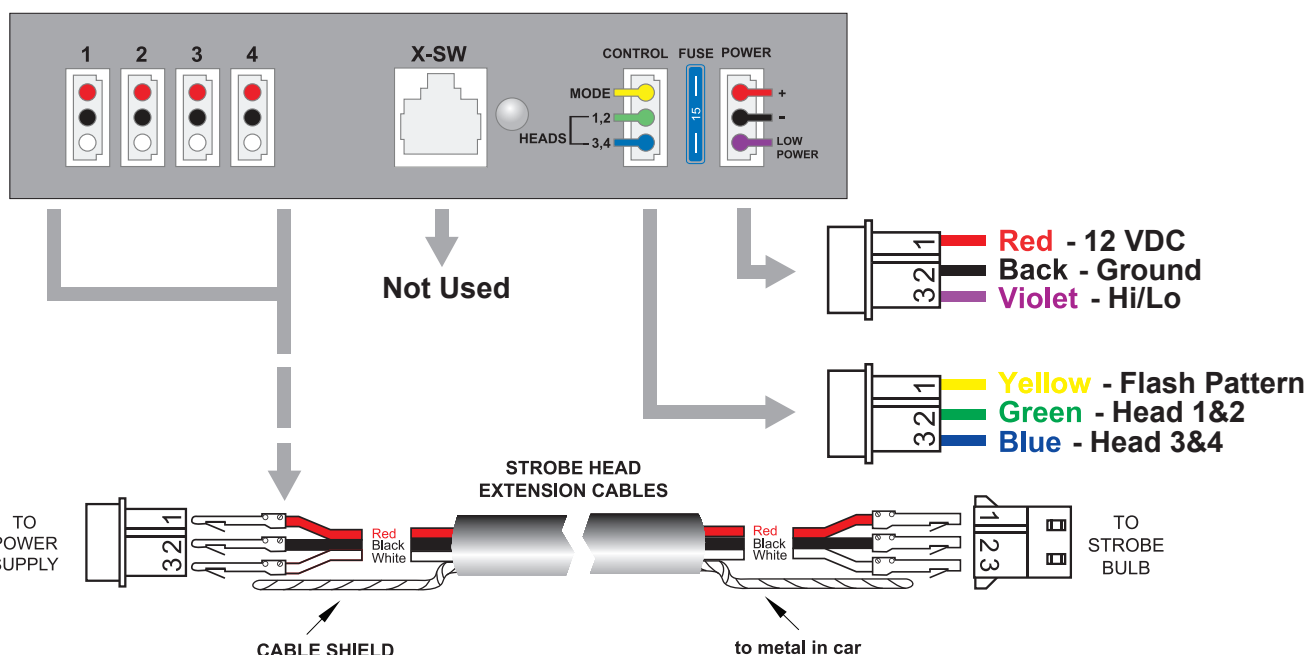
- III. **Wiring Power Harness.** Connect **RED** wire to battery (+) or a fuse (at least 15Amps); connect **BLACK** wire to battery (-) or directly to vehicle chassis. Connect **VIOLET** (HI/LO) wire to the user-supplied switch for High/Low Power function. Otherwise leave disconnected or connect to GROUND for High Power mode.

Warning: All user-supplied wires that connect to the positive (+) terminal of the battery, must be sized to supply at least 125% of the maximum operating current, and fused "at the battery" to carry the load!

Note: Use the correct size wire for power connections. The length of the wires determines the size needed.

- 1 to 7 ft. use 18AWG wire.
- 7 to 14 ft. use 16AWG wire.
- 14 to 25 ft. use 14AWG wire.
- 25 to 35 ft. use 12AWG wire.

CONNECTION DIAGRAM

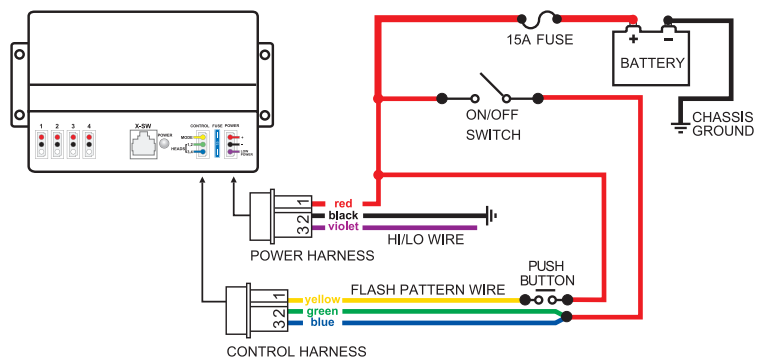


IV. Wiring Control Harness. The **YELLOW** wire is for flash pattern selection. Connect the **YELLOW** from the supplied push button to the **YELLOW** of the Control Harness. Connect the **RED** wire of the supplied push button to battery (+). Pressing the button momentarily will change to the next flash pattern. Press and hold the push button for 2 seconds will change the to the previous flash pattern. Pressing and holding the push button for 5 seconds will reset to Flash Pattern 0. (See chart)

| Flash Pattern Number | Flash Pattern Name |
|----------------------|---------------------------|
| 0 | Demo |
| 1 | Quad |
| 2 | Quint |
| 3 | Double |
| 4 | Twin Double |
| 5 | Mega |
| 6 | Quint Mega |
| 7 | Double Quint |
| 8 | Double Delay |
| 9 | Single H/L |
| 10 | Wave |
| 11 | Single-Triple-Quint |
| 12 | Single-Quad |
| 13 | Dual: Quint |
| 14 | Dual: Single-Triple-Quint |
| 15 | Def Jam Mode |

The **GREEN** & **BLUE** wires are for strobe activation. Connect the **GREEN** & **BLUE** wires to the output side of the supplied ON/OFF switch. The input side of the ON/OFF switch should be connected to a fused (+) voltage:

- The **GREEN** wire activates head 1 & 2.
- The **BLUE** wire activates head 3 & 4.



NOTE: Additional ON/OFF switch can be added to enable the HI/LO power function.