

Installation Guide (4 Heads)

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 your vehicle owner's manual for the air bag deployment area. The User/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.
- 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.
- It is recommended that this manual be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.

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 unsecured or 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 harness from the Strobe Heads to the Power Supply.

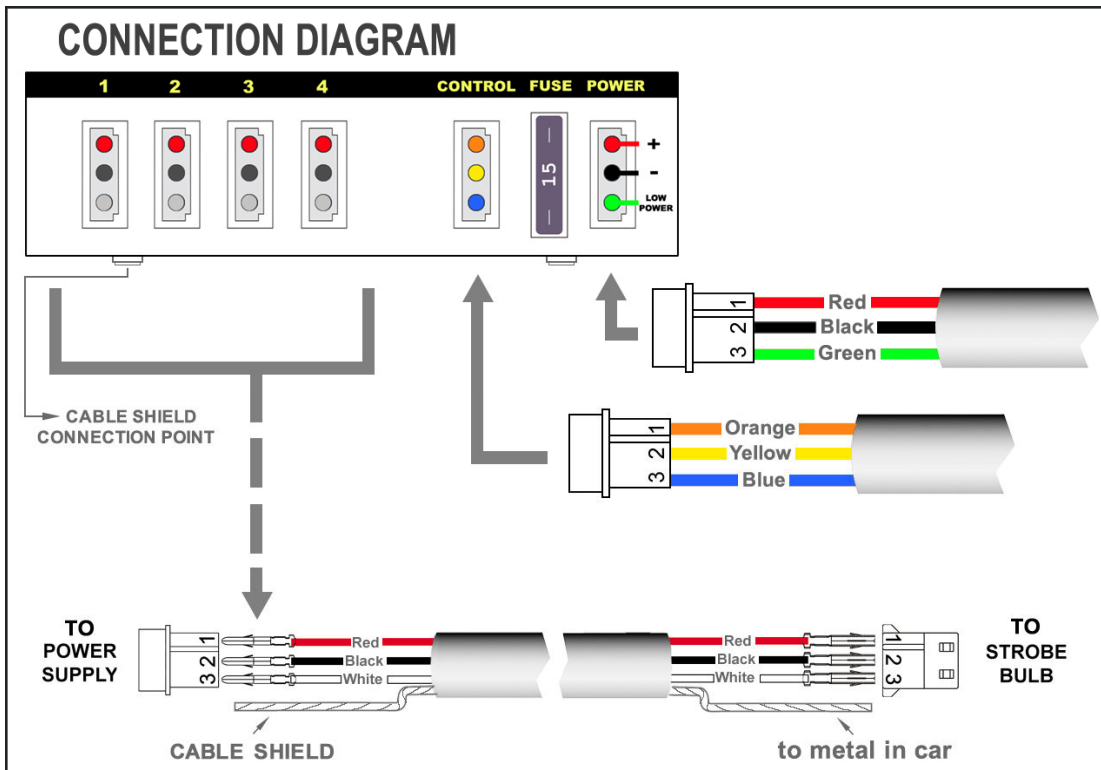
Note: Heads 1, 3 flash at the same time; Heads 2, 4 flash at the same time; Heads 1, 3 alternate with Heads 2, 4.

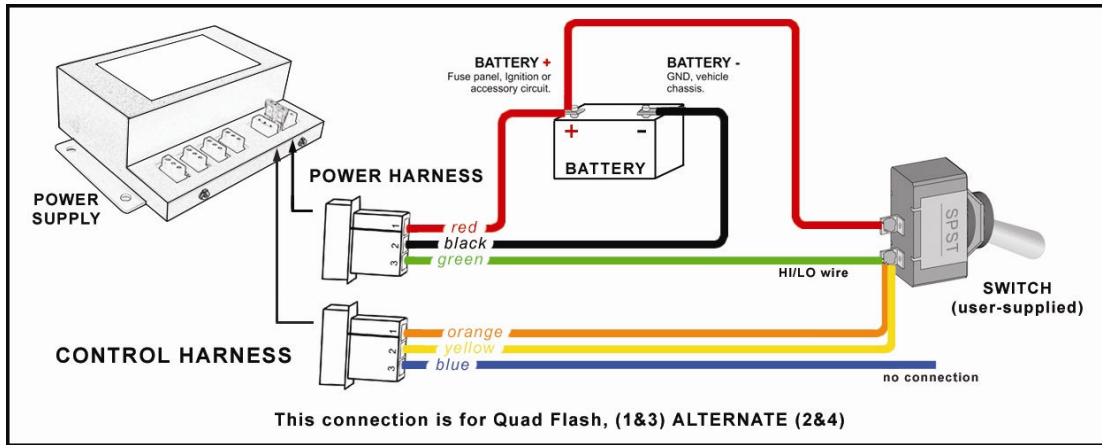
- III. **Wiring Power Harness.** Connect **RED** wire to battery (+) or a fuse (at least 15Amps); connect **BLACK** wire to battery (-) or directly to vehicle chassis. Connect **GREEN** (HI/LO) wire to the user-supplied switch.

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.





IV. **Wiring Control Harness.** Combination of different wires (**ORANGE, YELLOW, BLUE**) allow for different flash patterns; (see table). The **GREEN** wire from Power Harness enables High/Low Power function; (when off, it's at High Power, and when on, it's at Low Power). The remaining unused wires may be removed or left in place for future alterations. For FP#5, High Power function enables Mega Flash, and Low Power function enables Quintuple Flash.

Warning: Do not activate flash patterns that power more heads than installed. (ie. Do not activate 4 heads with only 2 installed. And do not activate 2 heads with only 1 installed).

Flash Pattern					
FP#	Blue	Yellow	Orange	Function	Heads
1				SHUTDOWN	SHUTDOWN
2			POWER	Quad Flash	1 ALT 2
3		POWER		Quad Flash	3 ALT 4
4		POWER	POWER	Quad Flash	(1&3) ALT (2&4)
5	POWER			Mega/Quintuple Flash (HI/LO Power)	(1&3) ALT (2&4)
6	POWER		POWER	Double Flash	1 ALT 2
7	POWER	POWER		Double Flash	3 ALT 4
8	POWER	POWER	POWER	Double Flash	(1&3) ALT (2&4)

ALT: Alternates

Note: If the user desires to have the capability of switching all the different flash patterns during operation, additional switches can be used.