

Pipedream® Strobe Light Owner's Manual
STRB-450/600

Installation Instructions:

This strobe system can be installed in many different types of vehicles. Important information is contained herein that could prevent serious injuries or damage; the installer must read this manual completely before installation.

Notes:

- Proper installation of this product requires the installer to have a good understanding of automotive electronics.
- Always remember to disconnect positive terminal from your battery before connecting the power wires.
- 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 the system will interfere with the airbag. Refer to your vehicle owner's manual for the airbag 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, make sure that this control is in an area that allows for easy and safe operation in any driving condition.
- It is recommended that this manual be stored in safe place and referred to when performing maintenance and/or reinstallation of this product.

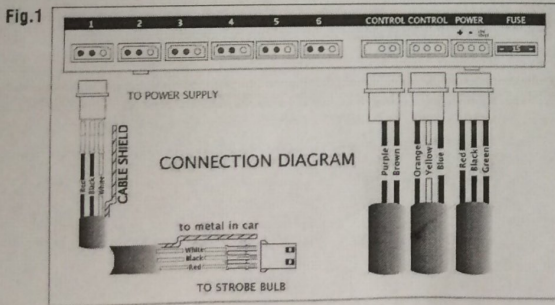
Failure to follow these safety precautions and instructions could result in damage to the product or vehicle and/or serious injury to you and your passengers!

1. Mounting power supply. Mount on metal surface for heat dissipation and ensure that it is not exposed to water and potential damage form 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.

2. Installing Strobe Heads(Fig.1). Install in head lights, tail lights or signal lights by drilling 1" inches holes. Route the harness from the strobe heads to the power supply.

Note: Outlets 1, 3, 5 flash at the same time; Outlets 2, 4, 6 flash at the same time; Outlets 1, 3, 5, alternates with outlets 2, 4, 6.



3. Wiring power harness (Fig.2). Connect RED wire to the battery (+) and fuse with at least a 20 amp fuse, connect black wire to battery, must be sized to supply at least 125% of the maximum operating current, and fused "at the battery" to carry the load!

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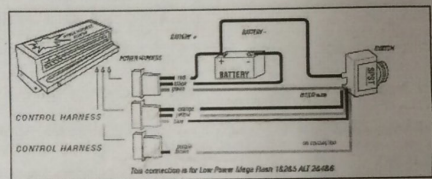
Warning: All user-supplied wires that connect to the positive(+) terminal of the battery, must be sized to supply at least 125% of the maximum operating current, and fused "at the battery" to carry the load.

Note: Use the correct size wire for power connections. The length of the wires determines the sized needed.
 - 1 to 7 ft. use 18 AWG wire.
 - 7 to 14 ft. use 16 AWG wire.
 - 14 to 25 ft. use 14AWG wire.
 - 25 to 35 ft. use 12AWG wire.

4. Wiring Control Harness (Fig.2). Combination of different wires (orange, yellow, blue, purple, brown) allow for different flash patterns (see table). The green wire from the power Harness enables High | Low power function (when off, it is High power, and where on, it is a low power). The remaining unused wires may be removed or left in place for future alterations.

Warning: Do not activate flash patterns that power more strob heads than installed.

Fig.2



Flash Pattern Diagram

Flash Pattern	Brown	Purple	Blue	Yellow	Orange	Function
1					POWER	SHUTDOWN
2				POWER	POWER	Quad Flash, 1 AH 2
3				POWER	POWER	Quad Flash, 3 AH 4
4				POWER	POWER	Quad Flash, (183) AH(284)
5			POWER		POWER	Quad Flash, 5 AH 6
6			POWER		POWER	Quad Flash, (185) AH(286)
7			POWER	POWER	POWER	Quad Flash, (285) AH(486)
8			POWER	POWER	POWER	Quad Flash, (183AS) AH(284AS)
9	POWER				POWER	SHUTDOWN
10	POWER				POWER	Quad Flash, 1 AH 2
11	POWER			POWER	POWER	Quad Flash, 3 AH 4
12	POWER			POWER	POWER	Quad Flash, (183) AH(284)
13	POWER		POWER		POWER	Quad Flash, 5 AH 6
14	POWER		POWER		POWER	Quad Flash, (185) AH(286)
15	POWER		POWER		POWER	Quad Flash, (385) AH(486)
16	POWER		POWER		POWER	Quad Flash, (183AS) AH(284AS)
17	POWER				POWER	SHUTDOWN
18	POWER				POWER	Quad Flash, 1 AH 2
19	POWER			POWER	POWER	Quad Flash, 3 AH 4
20	POWER			POWER	POWER	Quad Flash, (183) AH(284)
21	POWER		POWER		POWER	Quad Flash, 5 AH 6
22	POWER		POWER		POWER	Quad Flash, (185) AH(286)
23	POWER		POWER		POWER	Quad Flash, (385) AH(486)
24	POWER		POWER		POWER	Quad Flash, (183AS) AH(284AS)
25	POWER	POWER			POWER	SHUTDOWN
26	POWER	POWER			POWER	Quad Flash, 1 AH 2
27	POWER	POWER		POWER	POWER	Quad Flash, 3 AH 4
28	POWER	POWER		POWER	POWER	Quad Flash, (183) AH(284)
29	POWER	POWER		POWER	POWER	Quad Flash, 5 AH 6
30	POWER	POWER		POWER	POWER	Quad Flash, (185) AH(286)
31	POWER	POWER		POWER	POWER	Quad Flash, (385) AH(486)
32	POWER	POWER		POWER	POWER	Quad Flash, (183AS) AH(284AS)