STROBE-KIT-4
ULTRA BRIGHT STROBE KIT

OMEGA
RESEARCH AND DEVELOPMENT, INC.

STROBE KIT CONTENTS

POWER SUPPLY

OR

STROBE HEADS (x4pcs)

5 AMP FUSE

EXTENSION CABLES (4pcs)

EZ-SWITCH

PIN CONNECTOR (8pcs)

SOCKET CONNECTOR (4pcs)

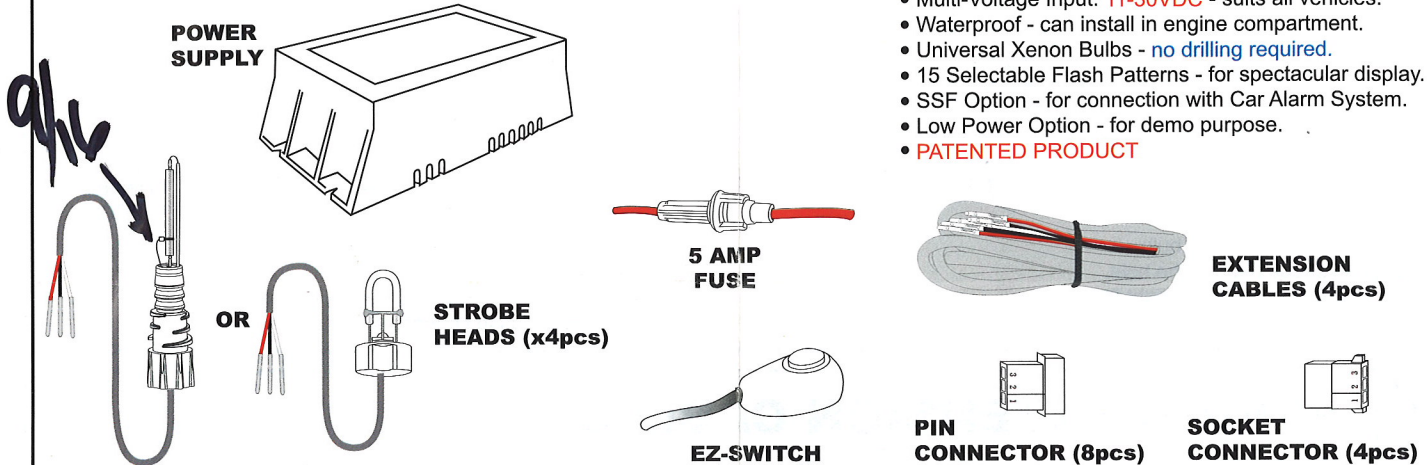### Strobe Kit Features:
- Multi-Voltage Input: 11-30VDC - suits all vehicles.
- Waterproof - can install in engine compartment.
- Universal Xenon Bulbs - no drilling required.
- 15 Selectable Flash Patterns - for spectacular display.
- SSF Option - for connection with Car Alarm System.
- Low Power Option - for demo purpose.
- PATENTED PRODUCT

STROBE KIT LAYOUT

Plan your kit layout before starting installation.
This is a typical layout, and may vary depending on vehicle.
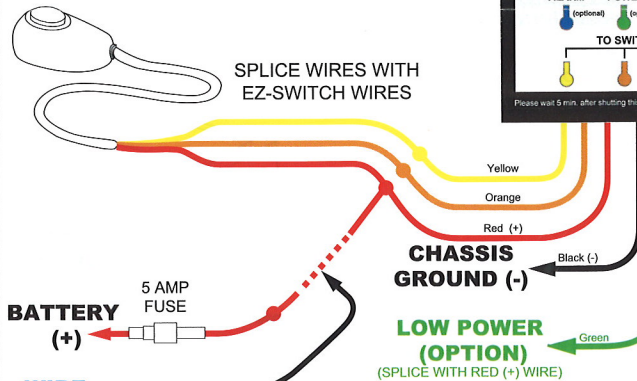
Follow Steps 1-5 for installation:

1 POWER SUPPLY WIRING
2 INSTALLATION OF STROBE HEADS
3 WIRING EXTENSION CABLES
4 EZ-SWITCH FUNCTIONS
5 OPTIONAL WIRING

Warning: Before making any connections to the vehicle wiring, always disconnect the battery negative terminal.

BATTERY

STROBE-KIT-4

LOW POWER (OPTION)

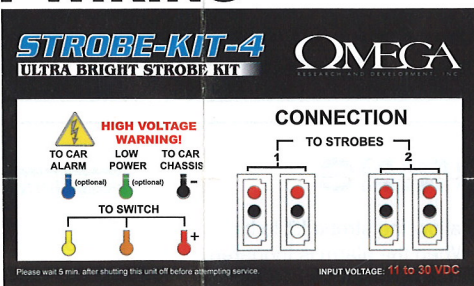CHASSIS GROUND

this is optional connection

ALARM SIREN
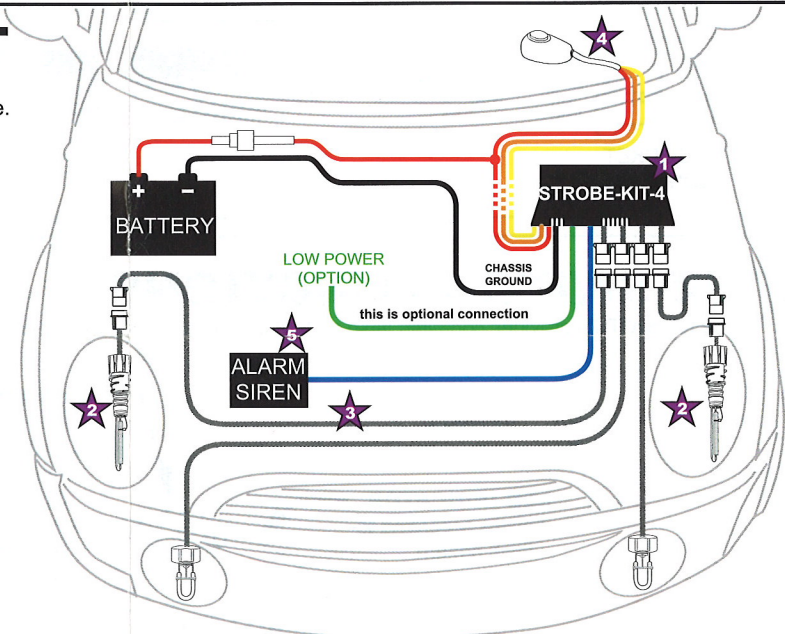
1 POWER SUPPLY WIRING

The POWER SUPPLY is waterproof, and can be mounted in areas exposed to water. However, it is recommended to mount in an area where it is not exposed to excessive heat during normal operation of the vehicle.
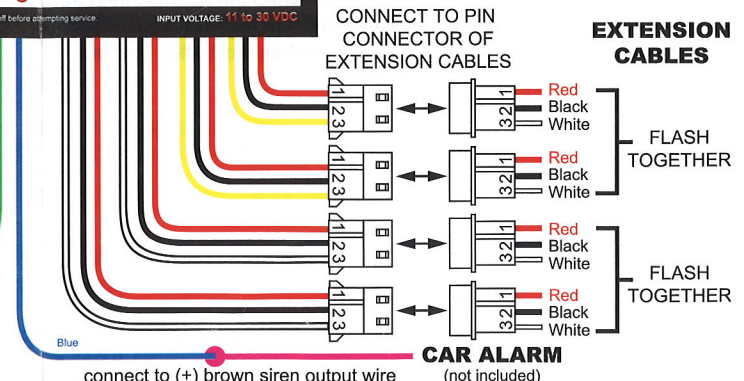
Warning: This is a high voltage device, do not touch or remove strobe light head while in operation. Wait at least 5 minutes after disconnecting from its power source before starting work or troubleshooting.

STROBE-KIT-4 OMEGA
ULTRA BRIGHT STROBE KIT

HIGH VOLTAGE WARNING!

TO CAR ALARM (optional) | LOW POWER (optional) | TO CAR CHASSIS -

CONNECTION
TO STROBES
1   2

TO SWITCH

Please wait 5 min. after shutting this unit off before attempting service.

INPUT VOLTAGE: 11 to 30 VDC

SPLICE WIRES WITH EZ-SWITCH WIRES

Yellow
Orange
Red (+)
Black (-)

CHASSIS GROUND (-)

5 AMP FUSE

BATTERY (+)

LOW POWER (OPTION)
(SPLICE WITH RED (+) WIRE)
Green

WIRE (not included)
Note: Use the correct size wire to connect to battery (+).
The length of the wires determines the size needed:
1 to 7 ft. use 18AWG wire
7 to 14 ft. use 16AWG wire

CONNECT TO PIN CONNECTOR OF EXTENSION CABLES

EXTENSION CABLES

Red
Black
White

FLASH TOGETHER

Red
Black
White

Red
Black
White

FLASH TOGETHER

Red
Black
White

Blue

CAR ALARM (not included)
connect to (+) brown siren output wire

051206

★2 INSTALLATION OF STROBE HEADS

The STROBE HEADS can be easily in the parking lights by removing the existing bulbs.

FOR T10 INSTALLATION:

HEADLIGHT — TWIST-IN

T10 HOLE

WHITE / BLACK / RED — TO POWER SUPPLY
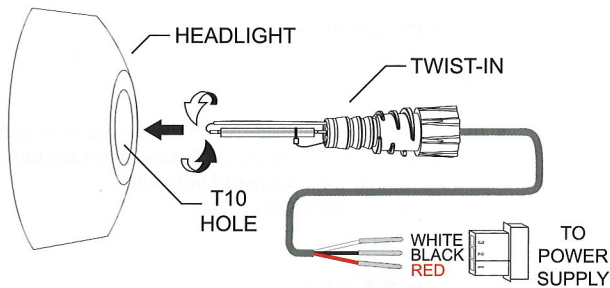
1. remove existing T10 bulb.
2. push strobe head in the hole.
3. twist strobe head until tight fit.
4. insert the wire pins to connector.

FOR H3 INSTALLATION:

AUXLILARY LIGHT — SCREW

H3 HOLE

WHITE / BLACK / RED — TO POWER SUPPLY
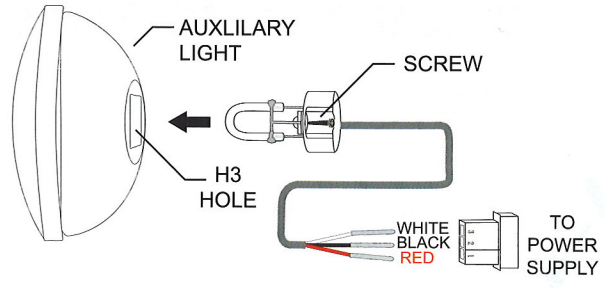
1. remove existing H3 bulb.
2. push strobe head in the hole.
3. secure strobe head with screw.
4. insert wire pins to connector.

★3 WIRING EXTENSION CABLES

Insert wires with SOCKETS into the proper holes in the connector

| Hole 3	WHITE WIRE
Hole 2	BLACK WIRE
Hole 1	RED WIRE

Insert wires with PINS into the proper holes in the connector

Hole 3	WHITE WIRE
Hole 2	BLACK WIRE
Hole 1	RED WIRE

TO STROBE HEAD

White / Black / Red

SOCKET CONNECTOR

White / Black / Red

PIN CONNECTOR

TO POWER SUPPLY
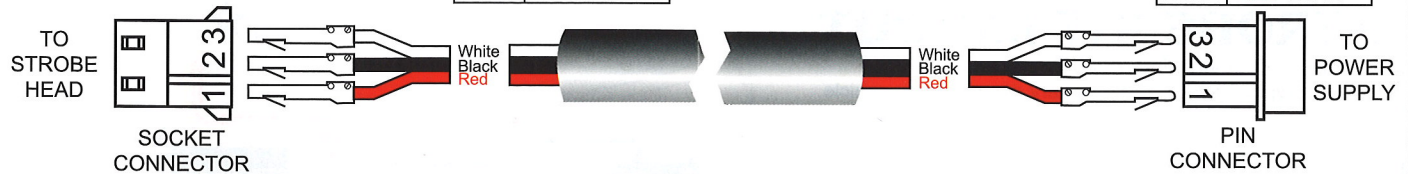
★4 EZ-SWITCH FUNCTIONS

The EZ-SWITCH provides complete flash pattern selection; mount around dash area.

5 AMP FUSE — TO (+) BATTERY

LED INDICATOR
• blinks according to flash pattern
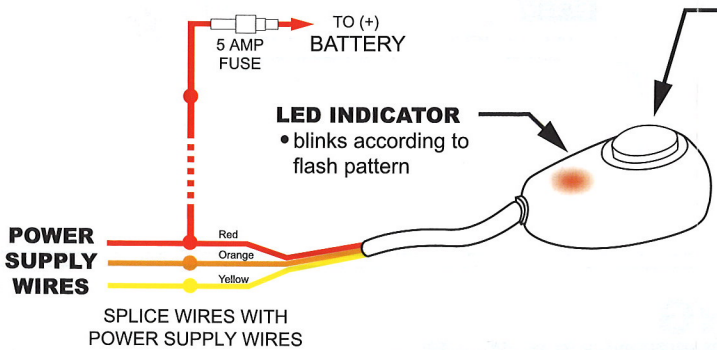
PUSH BUTTON
• push once for on/off
• push & hold 2 seconds for next flash pattern
• push & hold 5 seconds for previous flash pattern

POWER SUPPLY WIRES

Red / Orange / Yellow

SPLICE WIRES WITH POWER SUPPLY WIRES

Note: Flash Pattern DEMO CYCLE displays all flashing patterns. This is ideal for demo cars at shows or in showrooms.
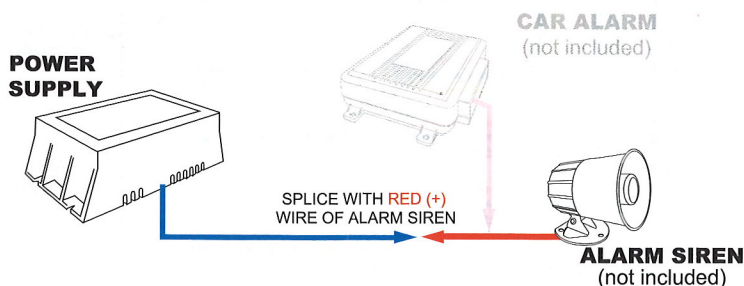
Flash Patterns

0	DEMO CYCLE - display all flashing patterns
1	QUAD, (1 ALT 2)
2	QUINT, (1 ALT 2)
3	DOUBLE, (1 ALT 2)
4	TWIN DOUBLE, (1 ALT 2)
5	MEGA, (1 ALT 2)
6	QUINT --> MEGA, (1 ALT 2)
7	DOUBLE --> QUINT, (1 ALT 2)
8	DOUBLE DELAY, (1 ALT 2)
9	QUAD DELAY, (1 ALT 2)
10	WAVE - fast to slow cycle, (1 ALT 2)
11	DUAL: WAVE - fast to slow cycle, (1 & 2)
12	DUAL: DOUBLE, (1 & 2)
13	DUAL: QUINT, (1 & 2)
14	DUAL: 1 --> 3 --> 5 Flash, (1 & 2)
15	DEF JAM MODE

*ALT = Alternating Strobe Head
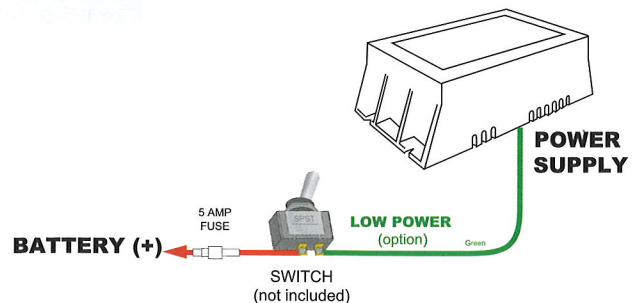*DUAL = Simultaneous Strobe Head

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★5 OPTIONAL WIRING

SSF The **S**mart **S**ecurity **F**unction allow the strobe kit to be synchronized with the car alarm. When the alarm is triggered, the ultra bright strobes will flash; creating an immense warning effect. The strobes can also be activated via the 'seek/panic' button for car search in big parking lots.

LOW POWER The LOW POWER function is used to decrease brightness of the strobes. This is useful for demo cars in display at shows or in showrooms where it might not be possible to strobe at full brightness.

POWER SUPPLY

CAR ALARM (not included)

SPLICE WITH RED (+) WIRE OF ALARM SIREN

ALARM SIREN (not included)

Connect blue wire of power supply to (+) brown siren output wire

POWER SUPPLY

5 AMP FUSE

BATTERY (+)

LOW POWER (option) Green

SWITCH (not included)

SPLICE GREEN WIRE WITH RED (+) WIRE FOR LOW POWER.
OR INSTALL A SWITCH TO TURN ON (low power) & OFF (high power).