

# WARNING LIGHTHEAD

## Wiring

To Chassis Ground: ..... **BLACK**

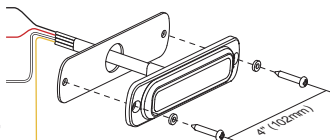
To +VDC for Warning Mode: ..... **RED**  
(Fuse Rating @ 1A)

To +VDC for Low Power Steady-Burn: ..... **WHITE**  
(Fuse Rating @ 1A)

To +VDC for Cruise Mode: ..... **RED+WHITE**

For Synchronization and Flash Pattern:... **YELLOW**

Connect **YELLOW** wires of all lightheades together for synchronization. (All lightheades should be set to the same Flash Pattern)



## Operation

### For Flash Pattern Selection:

Warning Mode may select and save one flash pattern. While activating Warning Mode/Steady-Burn/Cruise Mode, momentarily apply **YELLOW** wire to +VDC:

- once for next pattern.
- quick three times to FP#1. (Refer to Flash Pattern Chart)

### For Simultaneous or Alternating Synchronization:

1. Enter SETTING MODE by powering up with **YELLOW** and **RED** (or **WHITE** or **RED+WHITE**) wires simultaneously; the lighthead will display short flashes (single or double).

- Single flash = Group 1
- Double flash = Group 2

2. Remove **YELLOW** wire from +VDC then momentarily apply to +VDC again for more than 3 seconds to change Groups.

- Lightheades of the same Group will flash together.
- Lightheades of the different Group will flash alternately.

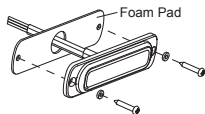
3. Save and exit SETTING MODE by disconnecting all power.

FP#	Flash Patterns	
1	Double [R65]*	11 Triple
2	Steady	12 Quad
3	Cruise	13 Quint
4	Single [2Hz]	14 Mega
5	Triple [2Hz]	15 Giga
6	Quad [2Hz]	16 Ultra [SAE]
7	Random	17 Single-Quad
8	Steady EF**	18 Steady H/L
9	Single [SAE/CA13]	19 Single-Triple-Quint
10	Double [SAE]	20 Steady Scene

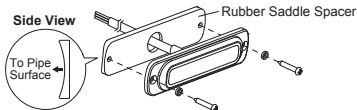
- Actual approval will be based on the model ordered.
- \*\* For use with external flash controller.

## Installation

### Screw mount with the foam pad

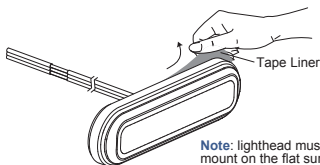


### Screw mount with the rubber saddle spacer



1. Drill two mounting holes and one wire passage hole on the mounting surface. Make sure no vehicle parts could be damaged by the drilling process. (Thoroughly deburr holes and use grommet for wire passage hole if needed)
2. Route the wires through the pad or spacer and the wire passage hole. Secure the lighthead by using the screws provided.

### Quick mount



**Note:** lighthead must be mount on the flat surface.

1. Drill a wire passage hole on the mounting surface. Make sure no vehicle parts could be damaged by the drilling process. (Thoroughly deburr hole and use grommet for wire passage hole if needed)
2. Clean and dry the mounting surface with alcohol prep pad provided. (or 50:50 mix of isopropyl alcohol and water)
3. Remove the tape liner from the tape.
4. Apply the lighthead to the surface and press it firmly for 30 seconds.
5. Full adhesion and bonding will be achieved after 72 hours at room temperature.