LED Hidden Strobe Lights USER MANUAL

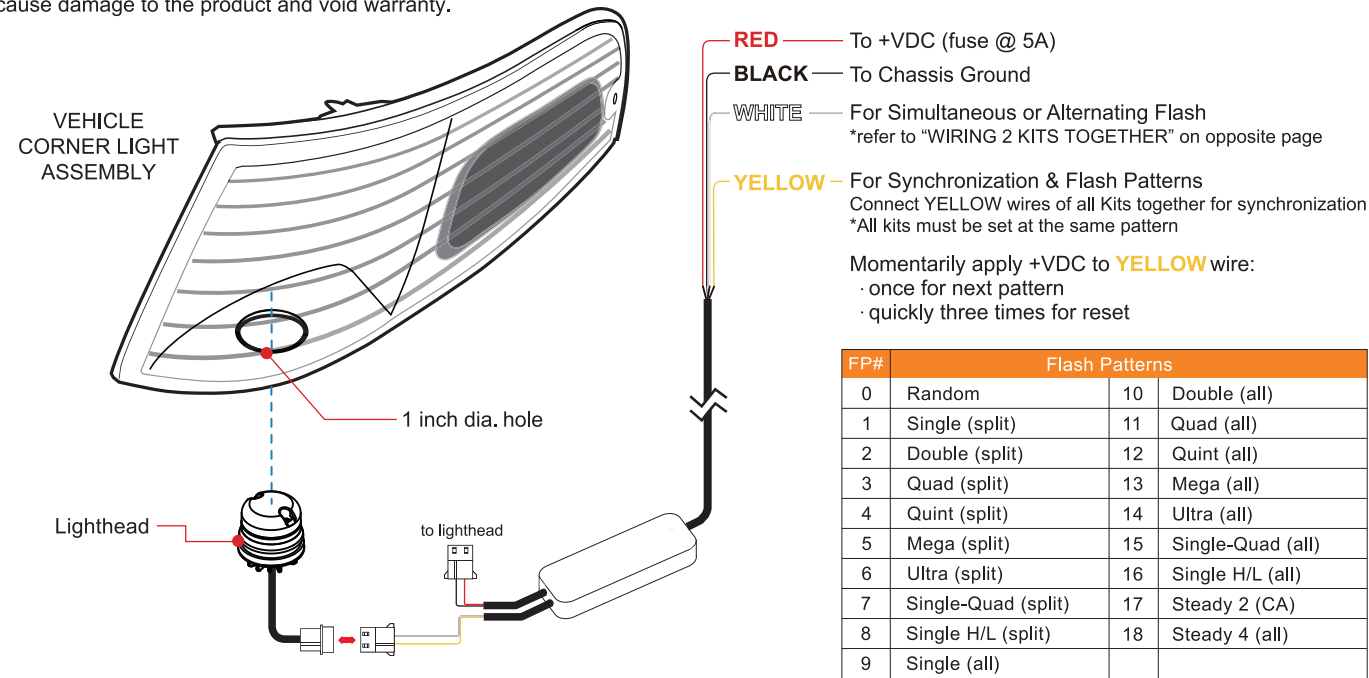### CONTENTS

LIGHTHEAD x 2pcs   EXTENSION CABLE   FLASHER & CABLE

LIGHT ASSEMBLY INSTALLATION

1. Remove the Corner/Head/Tail light from vehicle.
2. Select location to mount lighthead.
3. Drill 1 inch diameter hole to the light assembly.
4. Insert lighthead into hole.
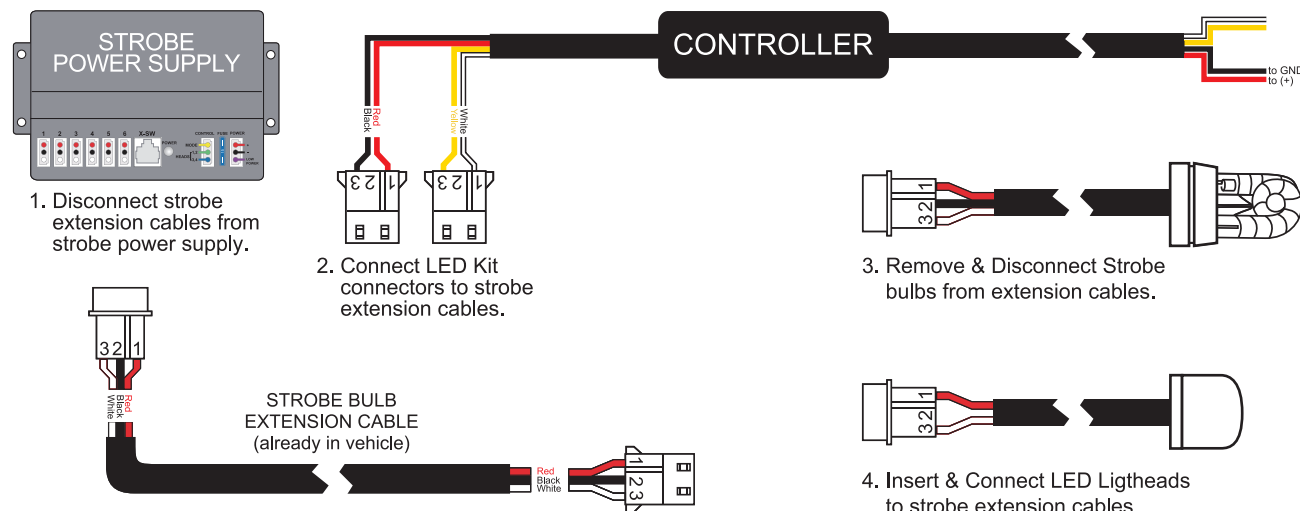5. Apply silicone (user-supplied) for better fit.

WARNING: Do NOT cover heat sink with silicone. It may cause damage to the product and void warranty.

VEHICLE CORNER LIGHT ASSEMBLY

1 inch dia. hole

Lighthead

to lighthead

NOTE: Lighthead mounting location may vary depending on the design of the vehicle light assembly.

RED — To +VDC (fuse @ 5A)

BLACK — To Chassis Ground

WHITE — For Simultaneous or Alternating Flash
*refer to "WIRING 2 KITS TOGETHER" on opposite page

YELLOW — For Synchronization & Flash Patterns
Connect YELLOW wires of all Kits together for synchronization
*All kits must be set at the same pattern

Momentarily apply +VDC to **YELLOW** wire:
· once for next pattern
· quickly three times for reset

FP#	Flash Patterns		
0	Random	10	Double (all)
1	Single (split)	11	Quad (all)
2	Double (split)	12	Quint (all)
3	Quad (split)	13	Mega (all)
4	Quint (split)	14	Ultra (all)
5	Mega (split)	15	Single-Quad (all)
6	Ultra (split)	16	Single H/L (all)
7	Single-Quad (split)	17	Steady 2 (CA)
8	Single H/L (split)	18	Steady 4 (all)
9	Single (all)		

*SPLIT = Head1 alternate Head2   *ALL = Head1 & 2 Simultaneous

NOTE: This unit may not be factory set at FP# 0.

WIRING TO EXISTING STROBE CABLES

In this configuration, existing strobe extension cables are used to facilitate installation.

STROBE POWER SUPPLY

CONTROLLER

to GND
to (+)

1. Disconnect strobe extension cables from strobe power supply.

2. Connect LED Kit connectors to strobe extension cables.

STROBE BULB EXTENSION CABLE (already in vehicle)

3. Remove & Disconnect Strobe bulbs from extension cables.

4. Insert & Connect LED Ligtheads to strobe extension cables.

NOTE: Wire colors of LED Kit do not need to match wire colors of extension cables.

WARNING: Do not connect LED lighthead directly strobe power supply. It will cause damage and void the warranty.

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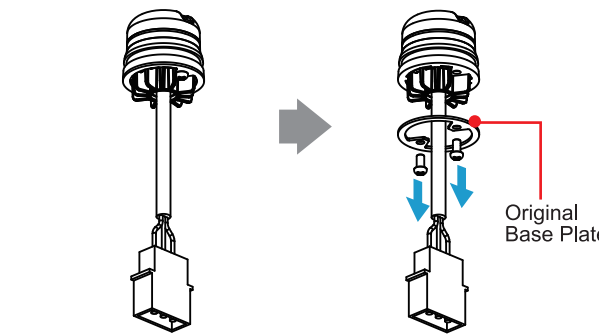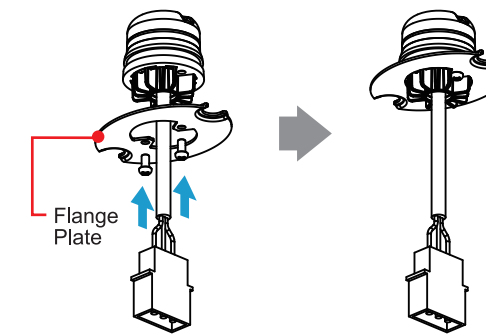LIGHTHEAD x 2pcs   EXTENSION CABLE   FLASHER & CABLE   FLANGE OPTION x 2pcs

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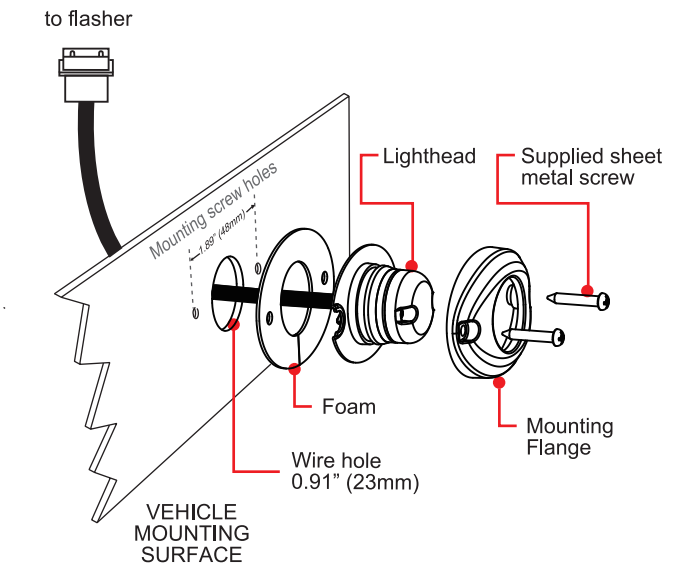## FLANGE MOUNT INSTALLATION (for kits with Flange option only)

1. Remove Original Base Plate from lighthead base.

3. Use mounting flange to mark wire and screws holes to drill.
4. Drill marked holes accordingly.
5. Insert lighthead pigtail into wire hole.
6. Place foam, lighthead, and flange in line with the mounting holes, and secure with supplied sheet metal screws.

Original Base Plate

to flasher

2. Secure Flange Plate to lighthead base with screws.

Flange Plate

Mounting screw holes

Lighthead   Supplied sheet metal screw

Foam

Wire hole 0.91" (23mm)

Mounting Flange

VEHICLE MOUNTING SURFACE

WARNING: Make sure to use the foams when mounting lightheads.

WIRING 2 KITS TOGETHER

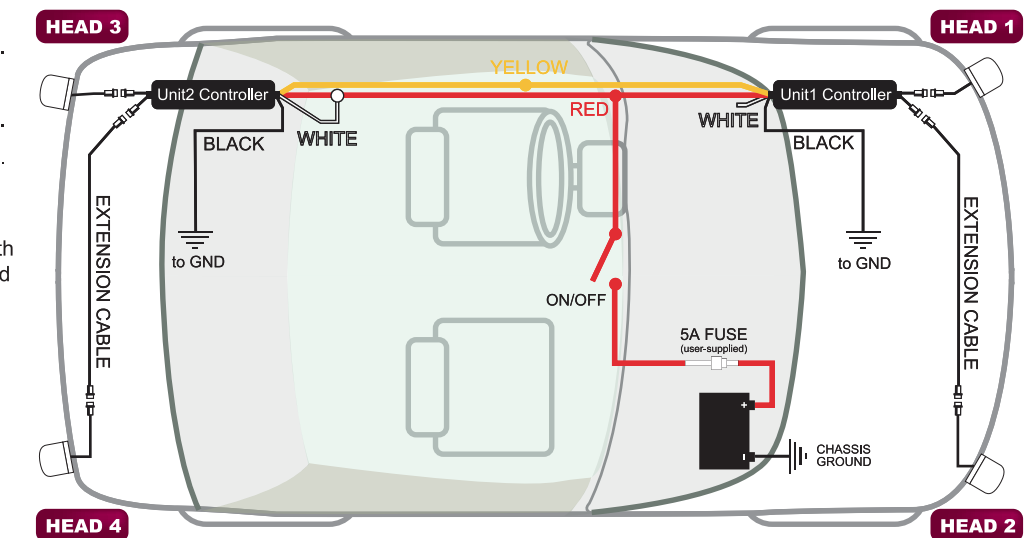In this configuration, different alternating flash patterns can be achieved.

If "split" flash pattern* is selected:
Heads 1&4 will alternate with Heads 2&3.

If "all" flash pattern* is selected:
Heads 1&2 will alternate with Heads 3&4.

*refer to Flash Patterns chart on opposite page.

NOTE: To have Heads 1&3 alternate with 2&4, leave all WHITE wires disconnected and select "split" flash patterns.

HEAD 3   HEAD 1

Unit2 Controller   YELLOW   RED   Unit1 Controller

BLACK   WHITE   WHITE   BLACK

EXTENSION CABLE

to GND   to GND

ON/OFF

5A FUSE (user-supplied)

CHASSIS GROUND

EXTENSION CABLE

HEAD 4   HEAD 2

NOTE: Illustration not to scale.