UNDERCOVER LED KIT USER MANUAL

CONTENTS

6LED KIT w/ Split Color

LIGHTHEAD x 2pcs

EXTENSION CABLE

FLASHER & CABLE

GASKET x 2pcs

SCREW x 4pcs

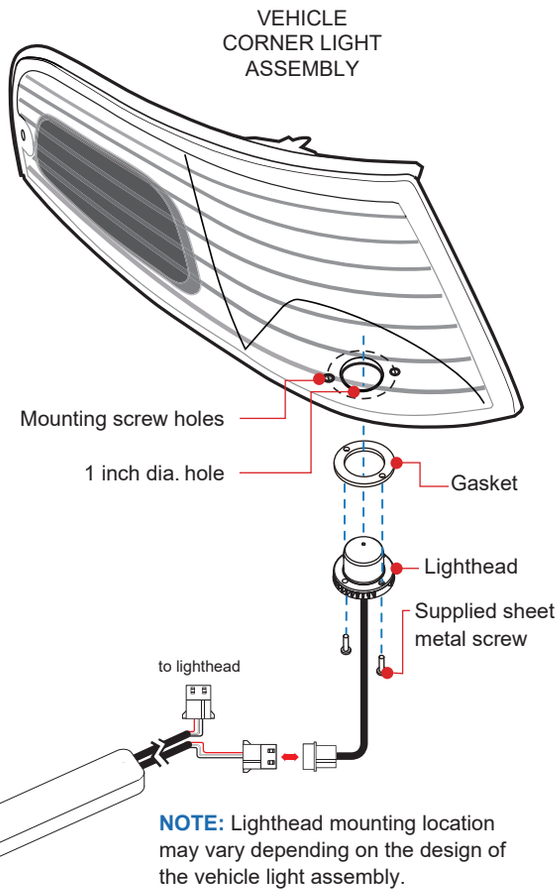
FLANGE OPTION x 2pcs

FOAM x 2pcs

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 and rotate to achieve optimum effect.
5. Secure lighthead with supplied sheet metal screws.
6. Apply silicone (user-supplied) for better seal.

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



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

OPERATIONS

To +VDC (fuse @2A) for Color1 activation.....**RED**

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

To +VDC (fuse @2A) for Color2 activation.....**WHITE**

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

For Simultaneous or Split Flash (single head):

1. Apply +VDC to RED and YELLOW wires simultaneously to enter Mode selection; lighthead will display single flash.
2. Remove YELLOW wire from +VDC and momentarily apply to +VDC to change Mode: Mode1 = Simultaneous Flash, Color1 and Color2 LEDs flash together. (default)
   Mode2 = Split Flash, Color1 LEDs alternate with Color2 LEDs.

Mode1 (Simultaneous Flash) (Suitable for Single-Color Heads)		Flash	Head1 Color1	Head1 Color2	Head2 Color1	Head2 Color2
Flash Patterns #1~9	*Color1&2 flash together, Head1 alternate Head2*	1st	on	on	off	off
		2nd	off	off	on	on
Flash Patterns #10~17	*Color1&2 flash together, Head1&2 flash together*	1st	on	on	on	on
		2nd	off	off	off	off
Flash Pattern #18	*Steady Half*	1st	on	on	on	on
		2nd	on	on	off	off

Mode2 (Split Flash) (Suitable for Split-Color Heads)		Flash	Head1 Color1	Head1 Color2	Head2 Color1	Head2 Color2
Flash Patterns #1~9	*Color1 alternate Color2*	1st	on	off	off	on
		2nd	off	on	on	off
Flash Patterns #10~17	*Color1 flash together, Color2 flash together*	1st	on	off	on	off
		2nd	off	on	off	on
Flash Pattern #18	*Steady Half*	1st	on	on	on	on
		2nd	on	off	on	off

For Flash Pattern change, momentarily apply +VDC to **YELLOW** wire:
- once for next pattern
- quickly three times for reset

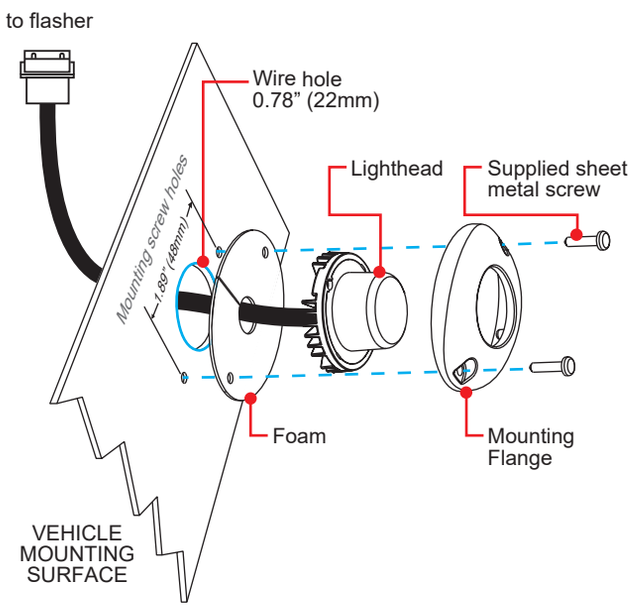
Flash Patterns			
1	Random	11	Double (all)
2	Single (split)	12	Quad (all)
3	Double (split)	13	Quint (all)
4	Quad (split)	14	Mega (all)
5	Quint (split)	15	Ultra (all)
6	Mega (split)	16	Single-Quad (all)
7	Ultra (split)	17	Single H/L (all)
8	Single-Quad (split)	18	Steady Half
9	Single H/L (split)	19	Steady All
10	Single (all)		

NOTE: This unit may not be factory set at FP# 1.

FLANGE MOUNT INSTALLATION (for kits with Flange option only)

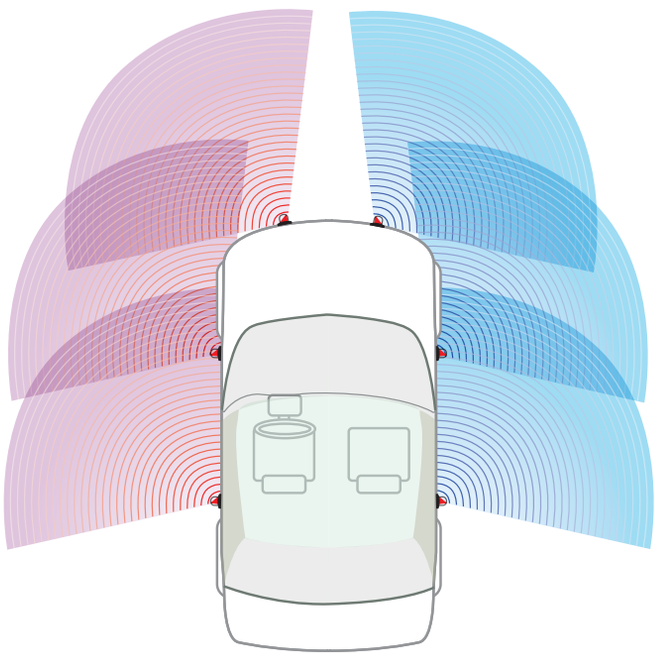
1. Use mounting flange to mark wire and screws holes to drill.
2. Drill marked holes accordingly.
3. Insert lighthead pigtail into wire hole.
4. Place foam, lighthead, and flange in line with the mounting holes, and secure with supplied sheet metal screws.

NOTE: Position lighthead so that LEDs are facing the desired direction.



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

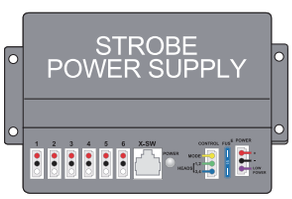
The Flange Mount Option enables surface mounting of lightheads to provide optimum light output to the critical intersection angles.



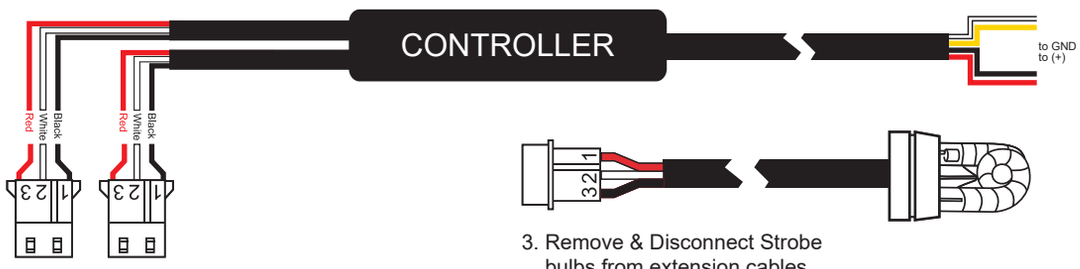
vehicle top view

WIRING TO EXISTING STROBE CABLES

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

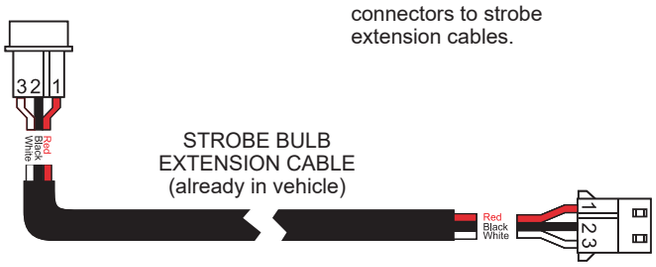


1. Disconnect strobe extension cables from strobe power supply.



2. Connect LED Kit connectors to strobe extension cables.

3. Remove & Disconnect Strobe bulbs from extension cables.



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

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

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