

25500142A Rev. A0 0814



To properly install this light, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment. Before installing this device, refer to the unabridged instruction sheet for this device, which is available online at www.fedsig.com. Print the online instruction sheet and provide copies to the end users of this product and personnel who will service this product.

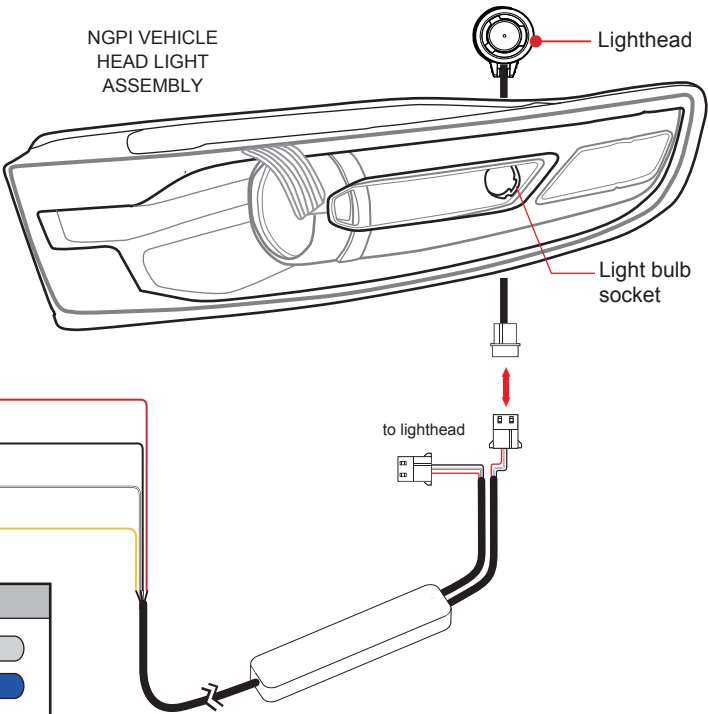
INTRODUCTION

This undercover LED kit is designed to be fitted into an NGPI vehicle head light assembly that has the optional twist and lock holes. Each flasher is equipped with Single-Color and Split-Color capabilities. Make sure to choose the appropriate operation instructions below.

OPERATION - SINGLE COLOR HEADS

- To +VDC (fuse at 2A) for activation.....**RED**
- To Chassis Ground.....**BLACK**
- Not used.....**WHITE**
- For Flash Patterns (refer to Flash Patterns chart).....**YELLOW**

Single-Color Heads		Flash	Head1	Head2
Flash Patterns #1~9	Head1 alternate Head2	1st	flash	off
		2nd	off	flash
Flash Patterns #10~17	Head1&2 flash together	1st	flash	flash
		2nd	off	off
Flash Pattern #18	Steady Half	1st	on	flash
		2nd	on	flash



NOTE: When installed in NGPI head light assembly, the light projects towards the 45 degree angle for superior intersection warning.

For Flash Pattern changes, momentarily apply +VDC to the **YELLOW** wire:

- once for the next pattern
- quickly three times to reset

OPERATION - SPLIT COLOR HEADS

- Not used.....**RED**
- To Chassis Ground.....**BLACK**
- To +VDC (fuse @2A) for activation.....**WHITE**
- For Flash Patterns (refer to Flash Patterns chart).....**YELLOW**

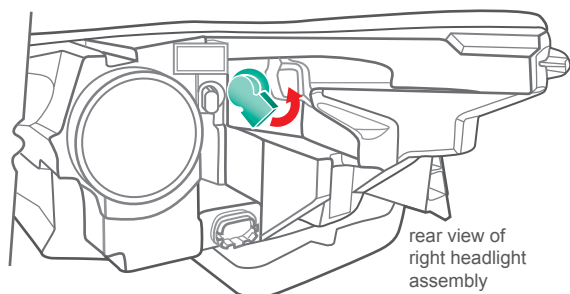
Split-Color Heads		Flash	Head1	Head2
			Color1 Color2	Color1 Color2
Flash Patterns #1~9	Color1 alternate Color2	1st	flash off	off flash
		2nd	off flash	flash off
Flash Patterns #10~17	Color1 flash together, Color2 flash together	1st	flash off	flash off
		2nd	off flash	off flash
Flash Pattern #18	Steady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

Flash Patterns			
1	Random (default)	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)		

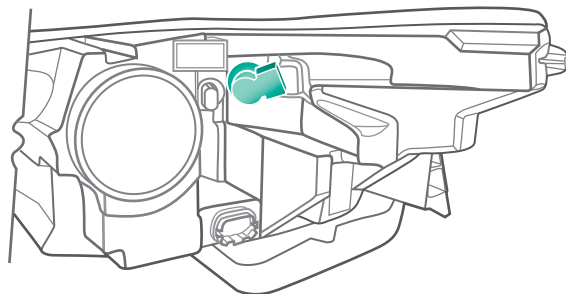
NOTE: This unit might not be factory-set at FP# 1.

INSTALLING THE Twist 'n' Lock in the NGPI HEADLIGHT HOUSING

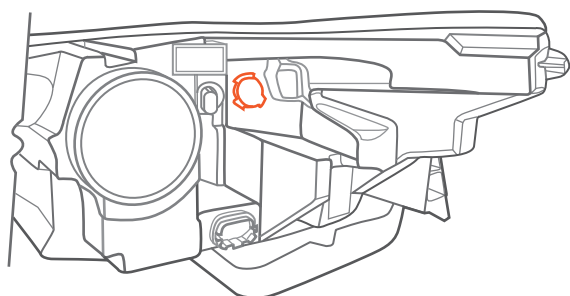
- 1** Locate the base of the OEM light bulb plug, and twist it counterclockwise.



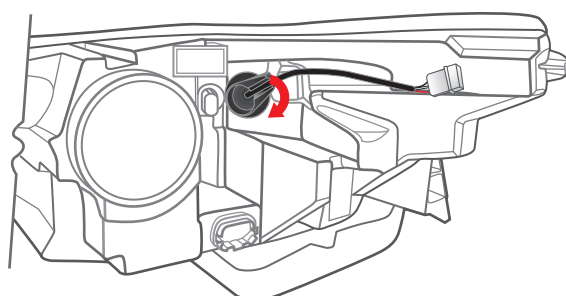
- 2** When the base stops in its rotation, pull it out of the socket.



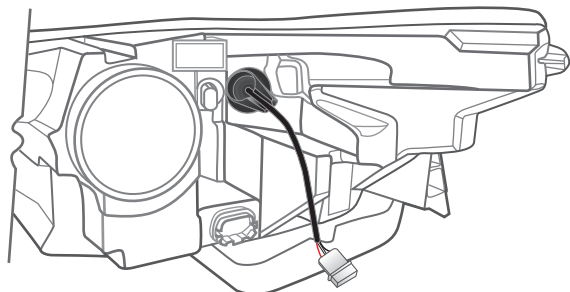
- 3** Align and insert the Twist 'n' Lock lighthead into the socket



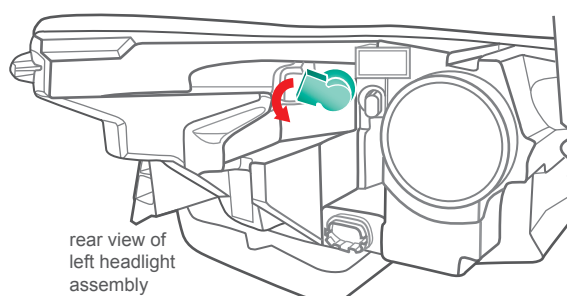
- 4** Twist the base of the lighthead clockwise until it stops.



- 5** Make sure that the lighthead is tightly secured in the socket.



- 6** Repeat steps 1 through 5 in the left-side headlight housing.



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