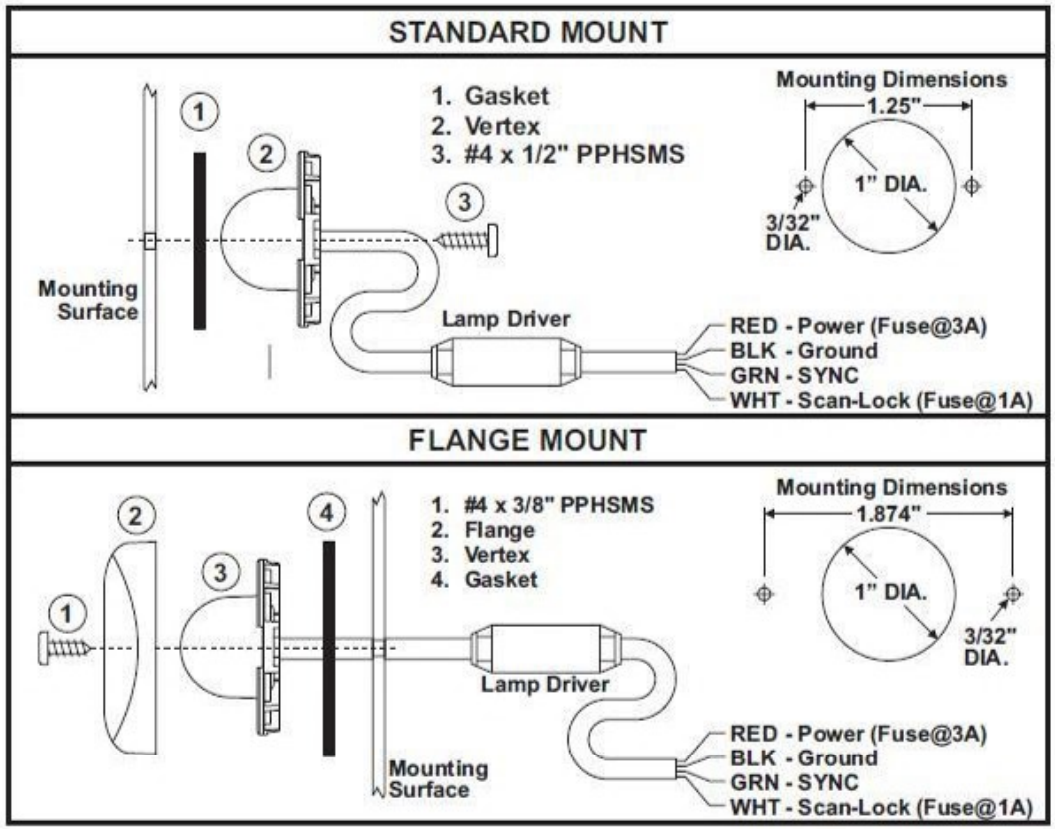
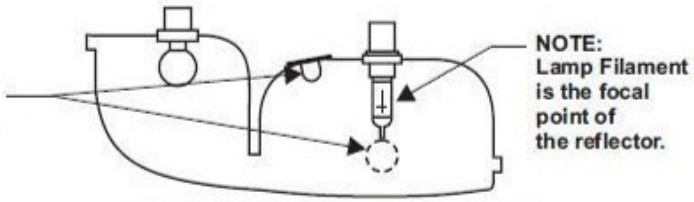
Standard Mount (composite headlight or taillight housing) Installation:



Insert the Vertex from the back or bottom of the headlight or rear taillight housing, as close to the focal point as possible.



Top view of automotive composite headlight or taillight housing.

DC12V, 6PCS LED BULB (Philips), LED POWER 1 WATT.

Wiring & Operation:

The Vertex is powered & controlled by the 4-wire cable coming from the light assembly. Their functions are as follows:

RED: Positive - Extend the RED wire to a +12VDC power source (fuse @ 3 amps).

BLACK: Ground - Extend the BLK wire to the negative terminal of the battery.

GREEN: SYNC - Connect the GRN wire to other SYNC capable devices to synchronize their output. Cap off this wire if it is not used.

WHITE: Scan-Lock ™ - Extend the WHT wire to a customer supplied momentary switch (fuse @ 1 amp). See Scan-Lock section for operation.

IMPORTANT WARNING: DO NOT ATTEMPT TO USE THE VERTEX WITHOUT THE LAMP DRIVER MODULE CONNECTED.

Scan-Lock

In order to program flash patterns, the lighthead must be on. With the appropriate lighthead(s) activated:

TO CHANGE PATTERNS: To advance to the next available pattern apply +12VDC to the WHT wire for less than 1 second and release. To cycle back to the previous pattern apply +12VDC to the WHT wire for more than 1 second and release.

TO CHANGE THE DEFAULT PATTERN: When the desired pattern is displayed, allow it to run for more than 5 seconds. The lighthead will now display this pattern when initially activated.

TO RESTORE THE FACTORY DEFAULT PATTERN: This will reset all patterns back to their default settings. With the light turned off, apply power to the WHT wire. With power applied to the WHT wire, turn light on. Allow the unit to run for 3 seconds before removing power from the WHT wire.

A normally open momentary switch should be used to control Scan-Lock operation.

Flash Patterns -

The following is a list of all the available flash patterns:

SYNC Patterns

1. SignalAlert™75	PH.1	8. SingleFlash 75	PH.2
2. SignalAlert 75	PH.2	9. ComAlert™	PH.1
3. CometFlash®75	PH.1	10. ComAlert	PH.2
4. CometFlash 75	PH.2	11. LongBurst™	PH.1
5. DoubleFlash 75	PH.1	12. LongBurst	PH.2
6. DoubleFlash 75	PH.2	13. PingPong™	PH.1
7. SingleFlash 75	PH.1	14. PingPong	PH.2

Non-SYNC Patterns

15. SingleFlash 60
16. SingleFlash 90
17. SingleFlash 120
18. SingleFlash 300
19. DoubleFlash 150
20. ComAlert 150
21. ActionFlash™1
22. ActionFlash 2
23. ModuFlash™
24. ActionScan™
25. Steady

Phase Operation

Phase 1 (PH.1) flashes **simultaneously** with PH.1
Phase 2 (PH.2) flashes **simultaneously** with PH.2
PH.1 **alternates** with PH.2