

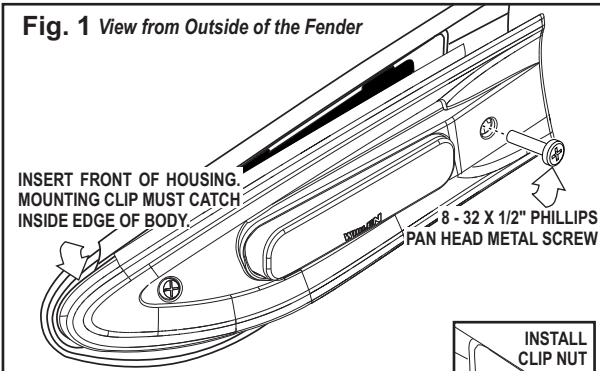
WHELEN[®]

ENGINEERING COMPANY INC.

51 Winthrop Road,
Chester, Connecticut 06412-0684
Phone: (860) 526-9504
Fax: (860) 526-4078

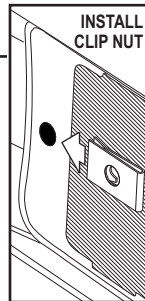
Installation Guide: SideKick™ Super-LED® Fender Lights 2012 - 2013 Ford Police Interceptor Sedan

Internet: www.whelen.com
Sales e-mail: autosale@whelen.com
Canadian Sales e-mail: canadiansales@whelen.com
Customer Service e-mail: custserv@whelen.com



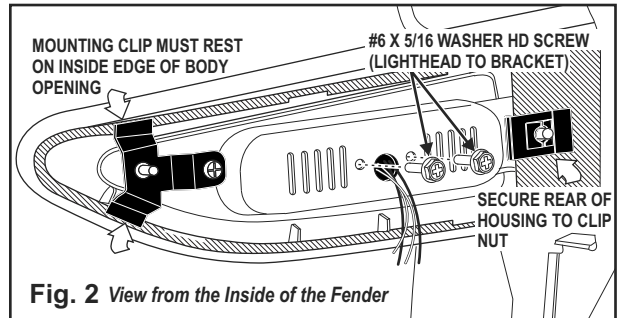
Installation:

1. Remove the vent panel from the vehicle per manufacturers instructions and install the supplied clip nut onto the fender on the vent rear mounting hole.
2. Install the ION™ lighthead into the SideKick™ panel using the 2 supplied washer head screws (Fig. 2).



3. Extend the lighthead wires into the fender to the power source and install the SideKick™ panel by first inserting the front into the fender opening so that the 2 mounting clips on the SideKick™ grab the inside of the fender (Figs. 1 & 2).
4. Next swing the rear of the SideKick™ toward the fender so that the rear mounting hole lines up with the clip nut you installed and secure it with the supplied 8 - 32 X 1/2" Phillips Pan Head Metal Screw.

IMPORTANT: It is the responsibility of the installation technician to make sure that the installation and operation of this product will not interfere with or compromise the operation or efficiency of any vehicle equipment!



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For warranty information regarding this product, visit 85ww.whelen.com/warranty

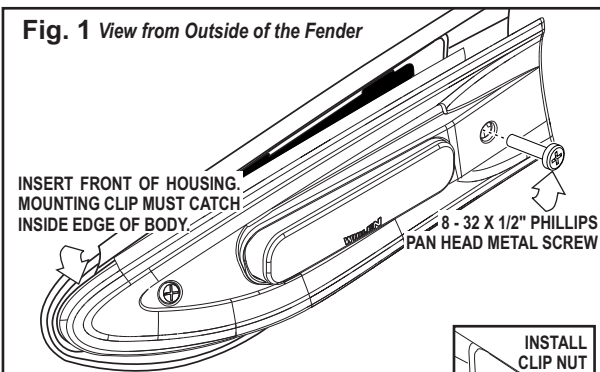
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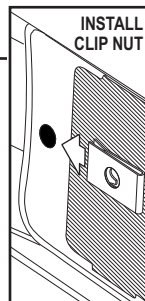
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Internet: www.whelen.com
Sales e-mail: autosale@whelen.com
Canadian Sales e-mail: canadiansales@whelen.com
Customer Service e-mail: custserv@whelen.com



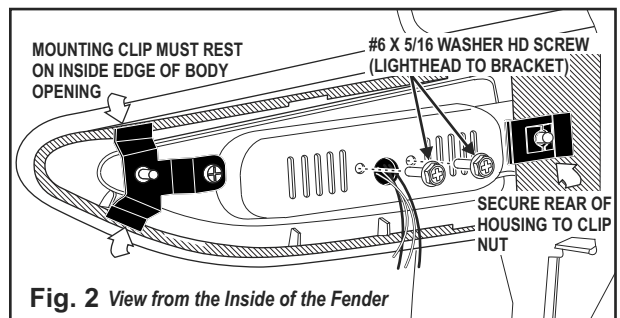
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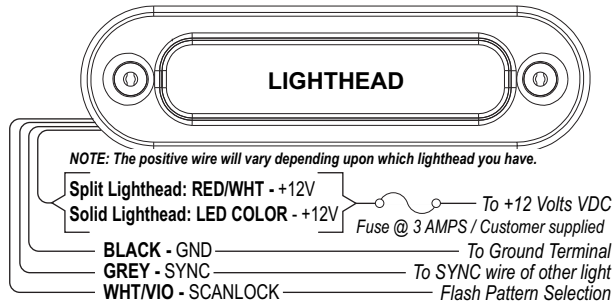
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Connecting the Lighthouse to Power:

Route the lighthouse wires along the same path as the vehicle's main power cable and connect to power.

WARNING: All customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and FUSED at the battery to carry that load. DO NOT USE CIRCUIT BREAKERS WITH THIS PRODUCT!



Operation:

Scan-Lock™ (WHT/VIO) - Note: The light must be on to change patterns.

To advance to next pattern: Apply +VDC to the WHT/VIO wire for less than 1 second.

To cycle backwards: Apply +VDC to the WHT/VIO wire for more than 1 second.

To reset to the factory default pattern: Turn off power to the light. While applying +VDC to the WHT/VIO wire, turn the light back on. Continue to apply voltage for 5 seconds.

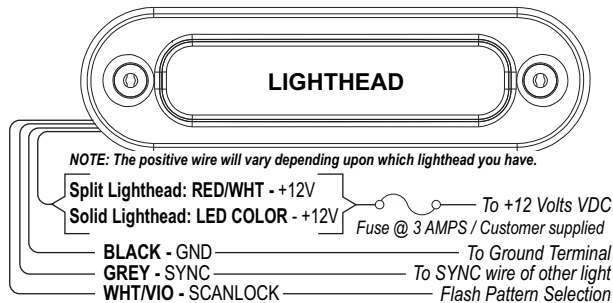
SYNC (GREY) - Lights configured to display the Phase 1 mode of a pattern will flash simultaneously. Lights configured to display the Phase 2 mode will alternate with any Phase 1 lights with the same pattern.

To sync two lights, configure both lights to display the same Phase 1 pattern. Turn power off and connect the GREY wires from each light together. When the lights are activated, their patterns will be synchronized. To configure the two lights to alternate their patterns, advance the pattern of either lights to Phase 2 of the current pattern. The same concept applies to Phases 3 and 4.

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Route the lighthouse wires along the same path as the vehicle's main power cable and connect to power.

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Flash Patterns / Regular LED:

- | | | | |
|------------------------------|------------------------------|----------------------------|----------------------|
| 1. SignalAlert™ 75PH 1 | 8. SingleFlash 75PH 2 | 15. SingleFlash 60 | 22. ActionFlash™ 150 |
| 2. SignalAlert™ 75PH 2 | 9. ComAlert™ 75PH 1 | 16. SingleFlash 90 | 23. ModuFlash™ |
| 3. CometFlash® 75PH 1 | 10. ComAlert™ 75PH 2 | 17. SingleFlash 120 | 24. ActionScan™ |
| 4. CometFlash™ 75PH 2 | 11. LongBurst™ 75PH 1 | 18. SingleFlash 300 | 25. Steady |
| 5. DoubleFlash 75PH 1 | 12. LongBurst™ 75PH 2 | 19. DoubleFlash 150 | |
| 6. DoubleFlash 75PH 2 | 13. PingPong™ 75PH 1 | 20. ComAlert™ 150 | |
| 7. SingleFlash 75PH 1 | 14. PingPong™ 75PH 2 | 21. ActionFlash™ 50 | |

Flash Patterns / Split LED:

- | | | |
|----------------------------------|----------------------------------|-----------------------------------|
| 1. SignalAlert™ 75 (PH 1) | 24. LongBurst 75 (PH 4) | 47. ModuFlash™ (Alt.) |
| 2. SignalAlert™ 75 (PH 2) | 25. PingPong™ 75 (PH 1) | 48. ModuFlash™ (Sim.) |
| 3. SignalAlert™ 75 (PH 3) | 26. PingPong™ 75 (PH 2) | 49. DoubleFlash 120 (Alt.) |
| 4. SignalAlert™ 75 (PH 4) | 27. PingPong™ 75 (PH 3) | 50. DoubleFlash 120 (Sim.) |
| 5. CometFlash® 75 (PH 1) | 28. PingPong™ 75 (PH 4) | 51. PingPong™ 120 (Alt.) |
| 6. CometFlash™ 75 (PH 2) | 29. SSNF 75 (PH 1) | 52. PingPong™ 120 (Sim.) |
| 7. CometFlash™ 75 (PH 3) | 30. SSNF 75 (PH 2) | 53. TripleFlash™ 75 (Alt.) |
| 8. CometFlash™ 75 (PH 4) | 31. SingleFlash 60 (Alt.) | 54. TripleFlash™ 75 (Sim.) |
| 9. DoubleFlash 75 (PH 1) | 32. SingleFlash 60 (Sim.) | 55. TripleFlash™ 120 (Alt.) |
| 10. DoubleFlash 75 (PH 2) | 33. SingleFlash 90 (Alt.) | 56. TripleFlash™ 120 (Sim.) |
| 11. DoubleFlash 75 (PH 3) | 34. SingleFlash 90 (Sim.) | 57. SigAlert Cal.™ (Alt.) |
| 12. DoubleFlash 75 (PH 4) | 35. SingleFlash 120 (Alt.) | 58. SigAlert Cal. (Sim.) |
| 13. SingleFlash 75 (PH 1) | 36. SingleFlash 120 (Sim.) | 59. Action SF 60/120 (Alt.) |
| 14. SingleFlash 75 (PH 2) | 37. SingleFlash 300 (Alt.) | 60. Action SF 60/120 (Sim.) |
| 15. SingleFlash 75 (PH 3) | 38. SingleFlash 300 (Sim.) | 61. Action SF60/TF120 (Alt.) |
| 16. SingleFlash 75 (PH 4) | 39. DoubleFlash 150 (Alt.) | 62. Action SF60/TF120 (Sim.) |
| 17. ComAlert™ 75 (PH 1) | 40. DoubleFlash 150 (Sim.) | 63. CalScan™ (Alt./Sim.) |
| 18. ComAlert™ 75 (PH 2) | 41. ComAlert™ 150 (Alt.) | 64. ActionScan™ (Alt./Sim.) |
| 19. ComAlert™ 75 (PH 3) | 42. ComAlert™ 150 (Sim.) | 65. SteadyFlash 60 |
| 20. ComAlert™ 75 (PH 4) | 43. ActionFlash™ 50 (Alt.) | 66. SteadyFlash 75 |
| 21. LongBurst™ 75 (PH 1) | 44. ActionFlash™ 50 (Sim.) | 67. SteadyFlash 90 |
| 22. LongBurst™ 75 (PH 2) | 45. ActionFlash™ 150 (Alt.) | 68. SteadyFlash 120 |
| 23. LongBurst™ 75 (PH 3) | 46. ActionFlash™ 150 (Sim.) | 69. Steady & Steady |

NOTE: **BOLD** = CA. Title XIII Compliant Pattern / *Italic* = SYNC Pattern / PH = Phase

IMPORTANT WARNING!

CAUTION! DO NOT LOOK DIRECTLY AT THESE LED'S WHILE THEY ARE ON. MOMENTARY BLINDNESS AND/OR EYE DAMAGE COULD RESULT!

Flash Patterns / Regular LED:

- | | | | |
|------------------------------|------------------------------|----------------------------|----------------------|
| 1. SignalAlert™ 75PH 1 | 8. SingleFlash 75PH 2 | 15. SingleFlash 60 | 22. ActionFlash™ 150 |
| 2. SignalAlert™ 75PH 2 | 9. ComAlert™ 75PH 1 | 16. SingleFlash 90 | 23. ModuFlash™ |
| 3. CometFlash® 75PH 1 | 10. ComAlert™ 75PH 2 | 17. SingleFlash 120 | 24. ActionScan™ |
| 4. CometFlash™ 75PH 2 | 11. LongBurst™ 75PH 1 | 18. SingleFlash 300 | 25. Steady |
| 5. DoubleFlash 75PH 1 | 12. LongBurst™ 75PH 2 | 19. DoubleFlash 150 | |
| 6. DoubleFlash 75PH 2 | 13. PingPong™ 75PH 1 | 20. ComAlert™ 150 | |
| 7. SingleFlash 75PH 1 | 14. PingPong™ 75PH 2 | 21. ActionFlash™ 50 | |

Flash Patterns / Split LED:

- | | | |
|----------------------------------|----------------------------------|-----------------------------------|
| 1. SignalAlert™ 75 (PH 1) | 24. LongBurst 75 (PH 4) | 47. ModuFlash™ (Alt.) |
| 2. SignalAlert™ 75 (PH 2) | 25. PingPong™ 75 (PH 1) | 48. ModuFlash™ (Sim.) |
| 3. SignalAlert™ 75 (PH 3) | 26. PingPong™ 75 (PH 2) | 49. DoubleFlash 120 (Alt.) |
| 4. SignalAlert™ 75 (PH 4) | 27. PingPong™ 75 (PH 3) | 50. DoubleFlash 120 (Sim.) |
| 5. CometFlash® 75 (PH 1) | 28. PingPong™ 75 (PH 4) | 51. PingPong™ 120 (Alt.) |
| 6. CometFlash™ 75 (PH 2) | 29. SSNF 75 (PH 1) | 52. PingPong™ 120 (Sim.) |
| 7. CometFlash™ 75 (PH 3) | 30. SSNF 75 (PH 2) | 53. TripleFlash™ 75 (Alt.) |
| 8. CometFlash™ 75 (PH 4) | 31. SingleFlash 60 (Alt.) | 54. TripleFlash™ 75 (Sim.) |
| 9. DoubleFlash 75 (PH 1) | 32. SingleFlash 60 (Sim.) | 55. TripleFlash™ 120 (Alt.) |
| 10. DoubleFlash 75 (PH 2) | 33. SingleFlash 90 (Alt.) | 56. TripleFlash™ 120 (Sim.) |
| 11. DoubleFlash 75 (PH 3) | 34. SingleFlash 90 (Sim.) | 57. SigAlert Cal.™ (Alt.) |
| 12. DoubleFlash 75 (PH 4) | 35. SingleFlash 120 (Alt.) | 58. SigAlert Cal. (Sim.) |
| 13. SingleFlash 75 (PH 1) | 36. SingleFlash 120 (Sim.) | 59. Action SF 60/120 (Alt.) |
| 14. SingleFlash 75 (PH 2) | 37. SingleFlash 300 (Alt.) | 60. Action SF 60/120 (Sim.) |
| 15. SingleFlash 75 (PH 3) | 38. SingleFlash 300 (Sim.) | 61. Action SF60/TF120 (Alt.) |
| 16. SingleFlash 75 (PH 4) | 39. DoubleFlash 150 (Alt.) | 62. Action SF60/TF120 (Sim.) |
| 17. ComAlert™ 75 (PH 1) | 40. DoubleFlash 150 (Sim.) | 63. CalScan™ (Alt./Sim.) |
| 18. ComAlert™ 75 (PH 2) | 41. ComAlert™ 150 (Alt.) | 64. ActionScan™ (Alt./Sim.) |
| 19. ComAlert™ 75 (PH 3) | 42. ComAlert™ 150 (Sim.) | 65. SteadyFlash 60 |
| 20. ComAlert™ 75 (PH 4) | 43. ActionFlash™ 50 (Alt.) | 66. SteadyFlash 75 |
| 21. LongBurst™ 75 (PH 1) | 44. ActionFlash™ 50 (Sim.) | 67. SteadyFlash 90 |
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