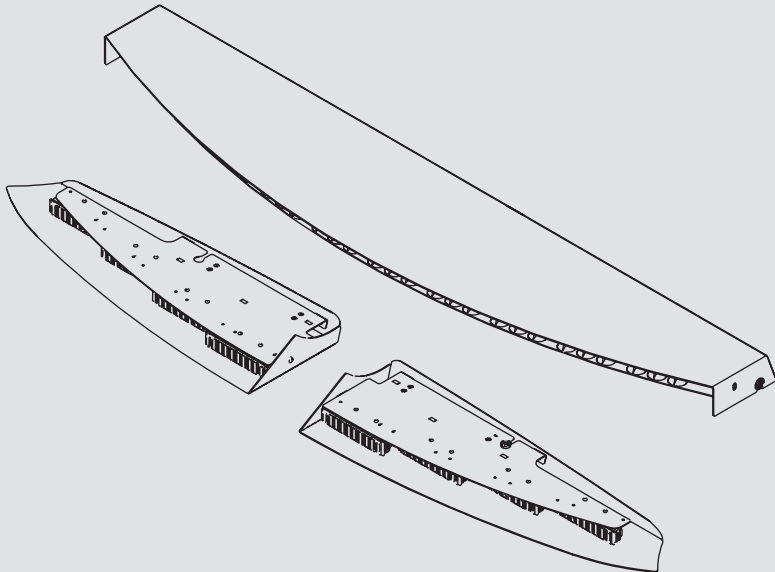


Fusion Innerbar Instruction Manual

V.1



FUSION

Model # - FN-XXXX,
*See website for Part #

This instruction manual serves as a guide for the **Fusion Innerbars**.

IMPORTANT! Please read through all provided instructions and any listed warnings in regards to product use.



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Fusion Single Color Wiring Instructions:

Step 1: In order to power the unit, extend the red, 12V(+) wire to the 12V(+) post of the vehicle's battery. Extend the black 12V(-) wire to the ground post of the vehicle's battery.

Step 2: To turn the lightbar on, connect the brown wire to a 12V(+) source.

Step 3: Momentarily connect the yellow wire on a 12V(+) source to change flash patterns.

Step 4: For left arrow function, connect the blue wire to a 12V(+) post (switch). There are 2 different left arrow flash patterns. To select a pattern, engage the blue wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 5: For right arrow function, connect the gray wire to a 12V(+) post (switch). There are 2 different right arrow flash patterns. To select a pattern, engage the gray wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 6: In order to achieve a center out directional pattern, connect both the gray and blue wires to a 12V(+) post (switch). There are 2 different center out flash patterns. To select a pattern, engage the blue and gray wires to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 7: For takedown steady functionality, connect the white wire to a 12V(+) post (switch).

How to Activate Takedown Flashing for Dual Color Fusion Bars:

Step 1: Connect the black wire to the battery's 12V(-) ground.

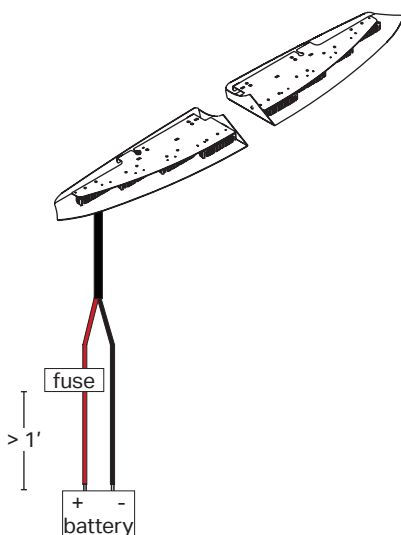
Step 2: Select the wire that will be set as the takedown flashing mode wire, either the green or brown wire.

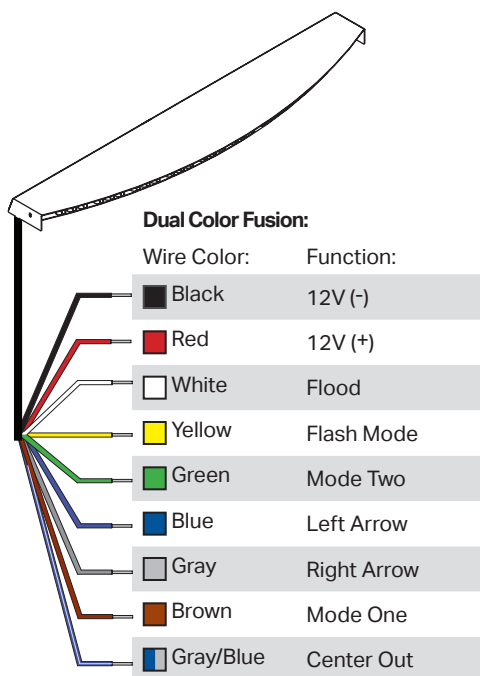
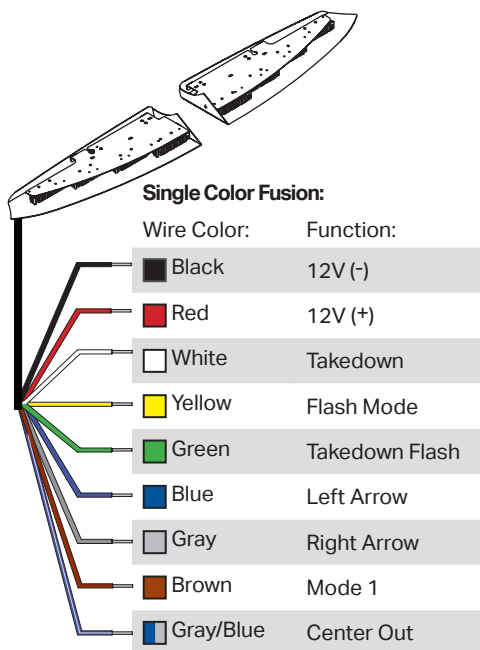
Step 3: Twist the selected mode (green or brown), red, white, and yellow wires together.

Step 4: Power the lightbar on by connecting the twisted wires to the battery's positive (+). Once activated, the takedown steady function will engage. To verify takedowns are flashing, disconnect the Takedown Steady (white) wire from power.

Step 5: Repeat steps 1 through 3 to deactivate Takedown Flashing.

Important! Takedown Steady overrides takedown flashing.





Can I program takedowns for Fusion Dual Models?

Important Note! Takedown steady overrides takedown flashing

Activate takedown Flashing for Dual Color:

Step 1: Connect the black wire to the battery's 12V(-) ground.

Step 2: Select the wire that will be set as the takedown flashing mode wire, either the green or the brown wire.

Step 3: Twist the selected mode (green or brown), red, white and yellow wires together.

Step 4: Power the lightbar on by connecting the twisted wires to the battery's positive (+). Once activated, the takedown steady function will engage. To verify takedowns are flashing, disconnect takedown steady (white) wire from power.

Step 5: Repeat steps 1 through 3 to deactivate takedown flashing.

Step 1: Following OEM instructions, remove the vehicle visor clips on the passenger and driver side of the vehicle. Retain the hardware and the visor clips.

Step 2: Secure each mounting bracket to the metal frame using the provided hex head bolts or 8-32 screws. These are pre-inserted into the frame. Insert the hex head bolts through the mounting holes on the visor brackets to secure the brackets to the frame.

Step 3: Position the opening of each bracket directly under the mounting location of the removed visor clips.

Important! The Universal Split model includes an adjustable flashback shield to allow for flexibility in the use of mounting brackets.

Certifications:

CE Certified

SAE J595 Certified

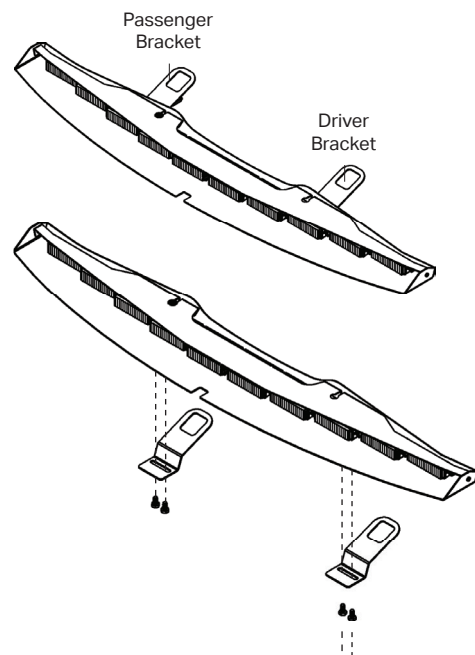
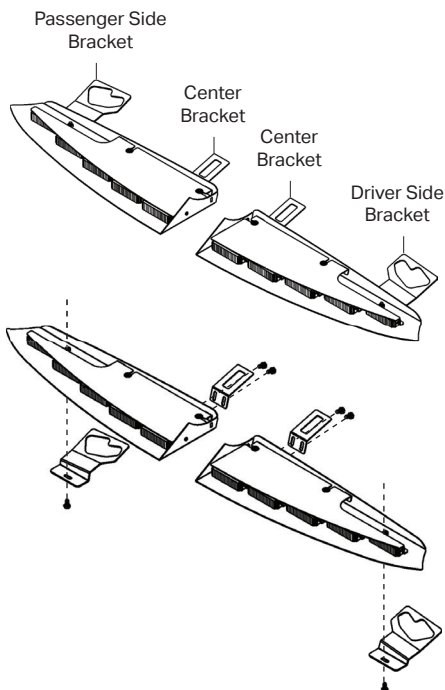
Meets CCR, Title 13 Requirements

Fusion Specifications

Voltage: 9-13 VDC

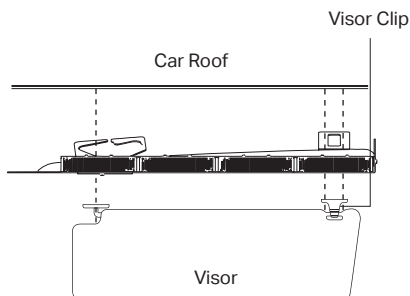
Power < 5 Amps

Dimensions: 0.93"H x 37"W x 5.5"H

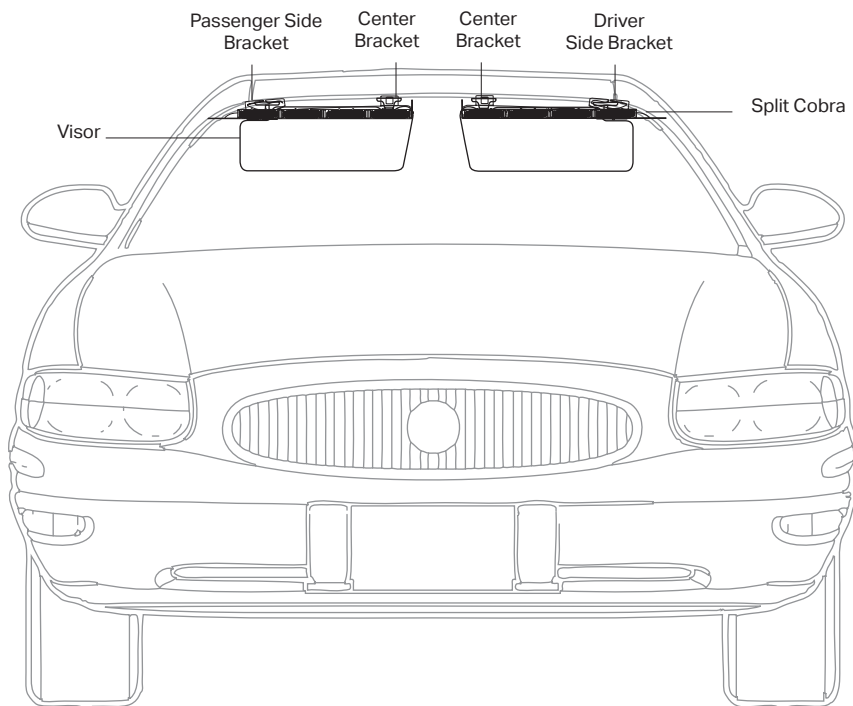


Step 4: With the light bar against the headliner and the brackets positioned, reattach the visor clips back into their original position using the original hardware.

Step 5: Push the black cable harness through the headliner and proceed with wiring instructions.



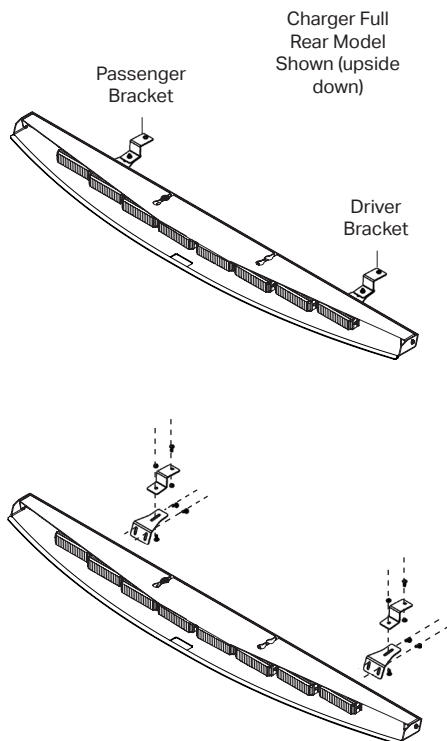
Important! Depending on vehicle year, additional adjustments may be needed during installation, such as bending the visor clip brackets.



Step 1: Following OEM instructions, remove the child restraint brackets on the passenger and driver side of the vehicle. Retain the hardware and the child restraint bracket.

Step 2: Secure each mounting bracket to the metal frame using the provided 1/4"x 20 hex head bolts. Insert the hex head bolts through the bottom holes on each side to fasten the light bar frame to the mounting brackets (See page 13 for vehicle specific bracket diagram).

Step 3: Position the opening of each bracket directly under the mounting location for the removed child restraint bracket.



Certifications:

CE Certified

SAE J595 Certified

Meets CCR, Title 13 Requirements

Fusion Specifications

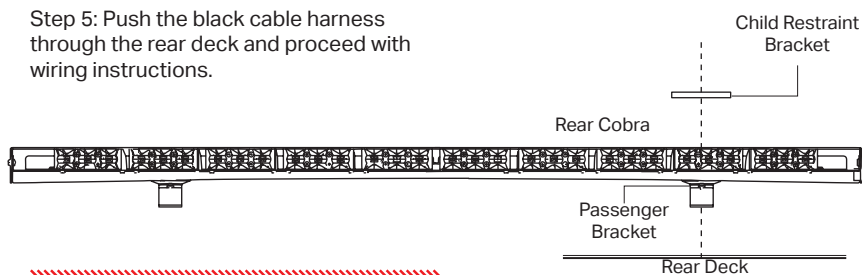
Voltage: 9-13 VDC

Power < 5 Amps

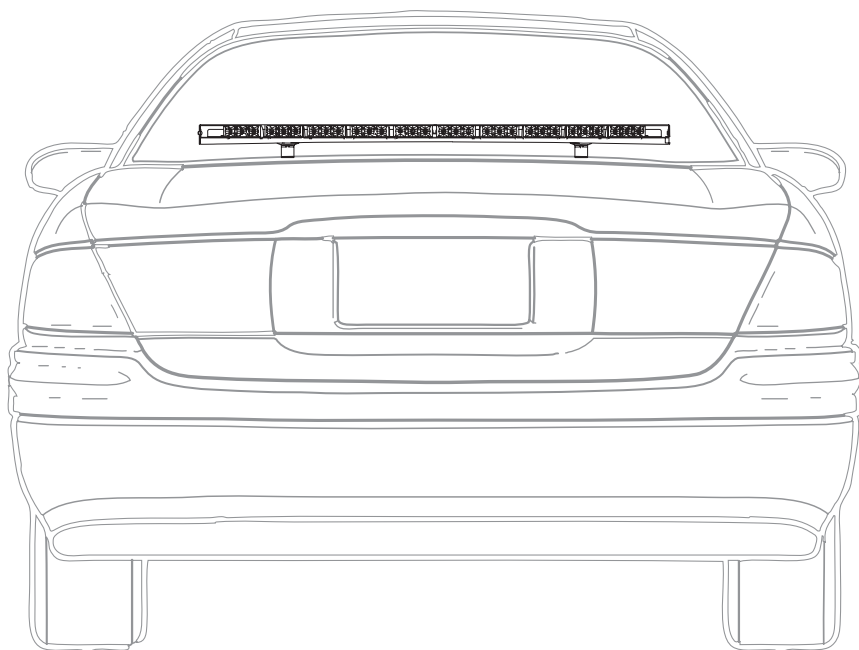
Dimensions: 0.93"H x 37"W x 5.5"H

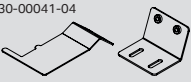

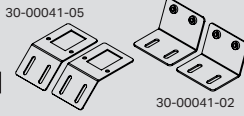







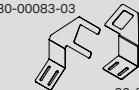
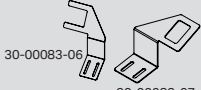







Step 4: With the light bar against the rear deck and the brackets positioned, reattach the child restraint brackets back into their original position using the original hardware.




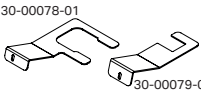
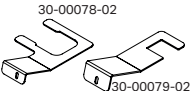


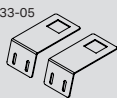
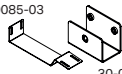
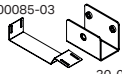


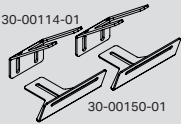


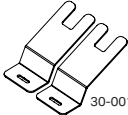


Step 5: Push the black cable harness through the rear deck and proceed with wiring instructions.



Important! Depending on vehicle, additional adjustments may be needed during installation, such as bending the visor clip brackets.



Name:	Driver Side:	Passenger Side:	Center:
Front Caprice Split 2011+	 30-00041-02	 30-00041-02	 30-00041-02
Rear Caprice Full 2011+			
Front Charger Split 2011+	 30-00122-02	 30-00122-01	 30-00121-01
Rear Charger Full 2011+	 30-00081-04	 30-00081-04	
Front Explorer Split 2011+	 30-00083-05	 30-00083-07	
Front F-150 Full 2009 - 2014	 30-00139-01	 30-00139-01	
Front F-150 Split 2015+	 30-00188-01	 30-00188-02	 30-00187-01
Front F-250 Full 2008 - 14	 30-00073-01	 30-00073-01	

Name:	Driver Side:	Passenger Side:	Center:
Front Tahoe Split 2007-2014	<input type="checkbox"/>  30-00032-08	<input type="checkbox"/>  30-00032-09	<input type="checkbox"/>  30-00032-10
Front Tahoe Split 2015+	<input type="checkbox"/>  30-00078-01 30-00079-01	<input type="checkbox"/>  30-00078-02 30-00079-02	<input type="checkbox"/>
Front Taurus Split 2011+	<input type="checkbox"/>  30-00033-03	<input type="checkbox"/>  30-00033-04	<input type="checkbox"/>  30-00033-05
Rear Taurus Full 2011+	<input type="checkbox"/>  30-00085-03 30-00085-04	<input type="checkbox"/>  30-00085-03 30-00085-04	<input type="checkbox"/>
Front Universal Split	<input type="checkbox"/>  30-00114-01 30-00150-01	<input type="checkbox"/>  30-00114-01 30-00150-01	<input type="checkbox"/>  30-00114-01 30-00150-01
Front Durango Split 2015+	<input type="checkbox"/>  30-00194-01	<input type="checkbox"/>  30-00194-02	<input type="checkbox"/>  30-00195-01
Front Expedition Split 2015+	<input type="checkbox"/>  30-00198-01 30-00198-1	<input type="checkbox"/>  30-00198-02 30-00199-02	<input type="checkbox"/>

The flash patterns are listed in consecutive order of appearance. To select a certain flash pattern, start with a recognizable pattern and use the yellow wire to cycle through patterns.

Fusion Dual Color Models

- | | | | |
|-----|----------------------------|-----|----------------------------|
| 1. | Color 1-Cluster | 34. | Color 2-One One Slow |
| 2. | Color 1-Attack | 35. | Color 2-One One Fast |
| 3. | Color 1-Night Ride | 36. | Color 2-Two Two Slow |
| 4. | Color 1-Combo Slow-Fast | 37. | Color 2-Two Two Fast |
| 5. | Color 1-Combo Slow | 38. | Color 2-All On Slow |
| 6. | Color 1-Combo Fast | 39. | Color 2-All On Fast |
| 7. | Color 1-Half Half Slow | 40. | Color 2-In Out Slow |
| 8. | Color 1-Half Half Fast | 41. | Color 2-In Out Fast |
| 9. | Color 1-One One Slow | 42. | Color 2-Left Arrow Slow |
| 10. | Color 1-One One Fast | 43. | Color 2-Left Arrow Medium |
| 11. | Color 1-Two Two Slow | 44. | Color 2-Left Arrow Fast |
| 12. | Color 1-Two Two Fast | 45. | Color 2-Right Arrow Slow |
| 13. | Color 1-All On Slow | 46. | Color 2-Right Arrow Medium |
| 14. | Color 1-All On Fast | 47. | Color 2-Right Arrow Fast |
| 15. | Color 1-In Out Slow | 48. | Color 2-Center Out Slow |
| 16. | Color 1-In Out Fast | 49. | Color 2-Center Out Medium |
| 17. | Color 1-Left Arrow Slow | 50. | Color 2-Center Out Fast |
| 18. | Color 1-Left Arrow Medium | 51. | Color 1&2-Cluster |
| 19. | Color 1-Left Arrow Fast | 52. | Color 1&2-Attack |
| 20. | Color 1-Right Arrow Slow | 53. | Color 1&2-Night Ride |
| 21. | Color 1-Right Arrow Medium | 54. | Color 1&2-Combo Slow-Fast |
| 22. | Color 1-Right Arrow Fast | 55. | Color 1&2-Combo Slow |
| 23. | Color 1-Center Out Slow | 56. | Color 1&2-Combo Fast |
| 24. | Color 1-Center Out Medium | 57. | Color 1&2-Half Half Slow |
| 25. | Color 1-Center Out Fast | 58. | Color 1&2-Half Half Fast |
| 26. | Color 2-Cluster | 59. | Color 1&2-One One Slow |
| 27. | Color 2-Attack | 60. | Color 1&2-One One Fast |
| 28. | Color 2-Night Ride | 61. | Color 1&2-Two Two Slow |
| 29. | Color 2-Combo Slow-Fast | 62. | Color 1&2-Two Two Fast |
| 30. | Color 2-Combo Slow | 63. | Color 1&2-All On Slow |
| 31. | Color 2-Combo Fast | 64. | Color 1&2-All On Fast |
| 32. | Color 2-Half Half Slow | 65. | Color 1&2-In Out Slow |
| 33. | Color 2-Half Half Fast | 66. | Color 1&2-In Out Fast |

The flash patterns are listed in consecutive order of appearance. To select a certain flash pattern, start with a recognizable pattern and use the yellow wire to cycle through patterns.

Fusion Dual Color Models

67.	Color 1&2-Left Arrow Slow
68.	Color 1&2-Left Arrow Medium
69.	Color 1&2-Left Arrow Fast
70.	Color 1&2-Right Arrow Slow
71.	Color 1&2-Right Arrow Medium
72.	Color 1&2-Right Arrow Fast
73.	Color 1&2-Center Out Slow
74.	Color 1&2-Center Out Medium
75.	Color 1&2-Center Out Fast

Fusion Single Color Models

1.	Cluster
2.	Attack
3.	Night Ride
4.	Combo Slow-Fast
5.	Combo Slow
6.	Combo Fast
7.	Half Half Slow
8.	Half Half Fast
9.	One One Slow
10.	One One Fast
11.	Two Two Slow
12.	Two Two Fast
13.	All On Slow
14.	All On Fast
15.	In Out Slow
16.	In Out Fast
17.	Left Arrow Slow
18.	Left Arrow Medium
19.	Left Arrow Fast
20.	Right Arrow Slow
21.	Right Arrow Medium
22.	Right Arrow Fast
23.	Center Out Slow
24.	Center Out Medium
25.	Center Out Fast