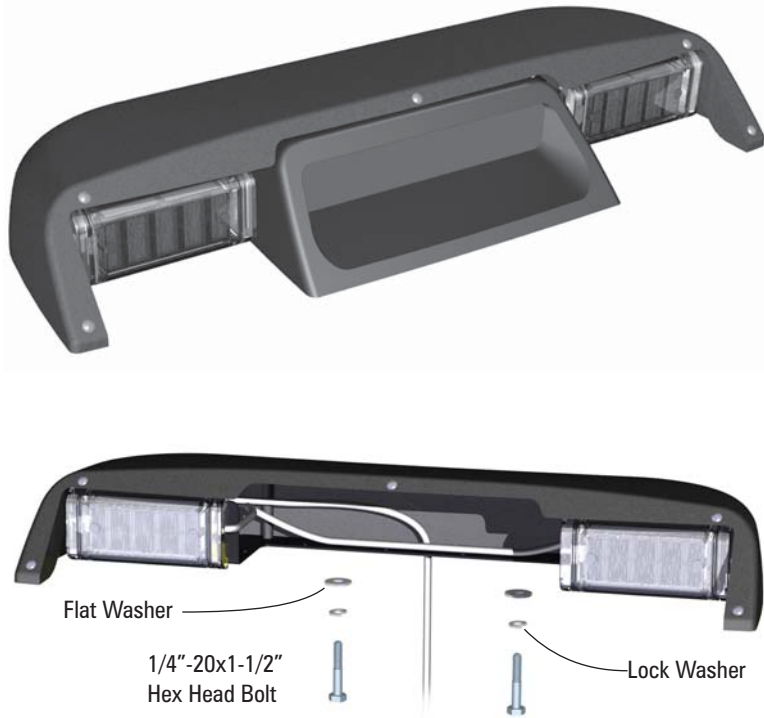


CHMSL WARNING LIGHT

EPRDFPCWS(x) / EP2FPCWS(x)



*Please see reverse
for Technical Specifications*

Important Information

- Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.
- DO NOT connect this device to a strobe power supply. This product is self-contained and does not require an external power supply.

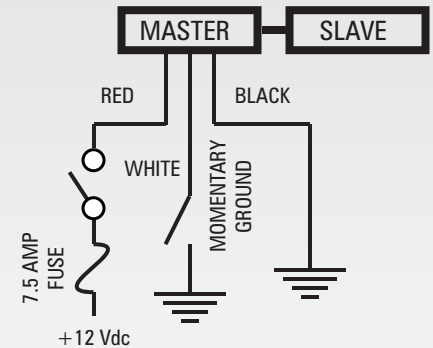
MOUNTING INSTRUCTIONS

1. After the accuracy of the template is confirmed, cut out template and place over the screws that hold the CHMSL (Center High Mount Stop Light) to the rear deck immediately in front of the trunk lid. Note: the notch in the template will straddle the cable that supplies the CHMSL.
2. Drill a $\varnothing 1/2"$ hole as indicated to the front of the service cable and two $\varnothing 3/8"$ holes on either side.
3. From inside the vehicle, feed the long cable from the warning light assembly through the $\varnothing 1/2"$ hole.
4. Align the light assembly over the two $\varnothing 3/8"$ holes and, from inside the trunk, insert the hex-head bolts with flat washer and lock washer as shown at left. When unit is firmly against rear glass bolts may be tightened.
5. Make electrical connections.

OPERATING INSTRUCTIONS

The CHMSL Warning Light comes equipped with its own selectable 33 pattern flasher and pattern memory. When desired pattern is selected, it will automatically be stored in memory and will come up every time the warning light is turned on.

1. Connect the cable's BLACK wire to a good, convenient ground.
2. Connect the cable's RED wire to one side of a user supplied on/off switch. Connect the other side of the switch, through a 7.5Amp fuse, to a source of +12Vdc.



WARNING

This product contains high intensity LED devices.
To prevent eye damage, DO NOT stare into the
light beam at close range.

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CHMSL WARNING LIGHT

EPRDFPCWS(x) / EP2FPCWS(x)

TECHNICAL SPECIFICATIONS	
Overall Dimensions:	2.89"H x 19.22"W x 7.38"D
Flash Patterns:	33 flash patterns
Input Voltage Range (EPRDFPCWS):	10 - 16 Vdc
Input Voltage Range (EP2FPCWS):	10 - 30 Vdc
Current Consumption:	less than 2 amps
# of LEDs:	12(EPRD) / 16(EP2)
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C

PATTERN SELECTION

1. Turn CHMSL Warning Light ON.
2. Momentarily touching the WHITE wire to ground will advance the warning light to the next flash pattern. See flash pattern table. After pattern #33 is reached the list will start over again at pattern #1. Tape up and secure the WHITE wire after desired flash pattern is reached.

PATTERN RESET

1. Remove power.
2. Place WHITE (sync) wire to ground.
3. With sync wire grounded, re-power RED wire.
4. Maintain for one second (light will dim).
5. Remove power.

NOTE: The CHMSL Warning Light is a factory sealed unit that CANNOT be serviced in the field. Any attempt to gain access to the CHMSL Warning Light will most likely cause permanent damage and void its warranty.

Flash Patterns					
Alternating Patterns	1 Light	Alternating 2 Lights	Simultaneous 2 Lights	X-Pattern 4 Lights	FPM (Flashes per Minute)
1. Quint	x	x	x		70
2. Warp	x	x	x		350
3. Inter-Cycle	x	x			
4. Double Flash	x	x	x		70
5. Quad Flash	x	x	x		80
6. Power Pulse	x	x	x		180
7. Road Runner	x	x	x		113
8. Q-Switch	x	x			
9. Road Runner Steady Burn	x	x			113
10. Quad Steady Burn	x	x			80
11. E-Ideal Single Flash	x	x	x		200
12. E-Ideal Double Flash	x	x	x		146
13. Quad2 Flash	x	x	x		67
14. Double2 Flash	x	x	x		95
15. X-Warp				x	
16. X-Double				x	
17. PowerRunner	x	x	x		
18. LCR Quint	x	x	x		
19. Warp ²	x	x	x		
20. Ultra Warp	x	x	x		545
21. Thunder and Lightning	x	x			
22. LiteSpeed	x	x	x		85
23. SuperSonic	x		x		170
24. LCR LiteSpeed	x	x	x		
25. Super-Sonic Ultra	x	x	x		
26. TempoShift	x	x	x		
27. TempoShift Warp	x	x	x		
28. SBE2	x	x	x		67
29. C ²	x	x	x		200
30. U ²	x	x	x		176
31. UltraGlow	x	x	x		
32. Cyclone	x	x	x		
33. Chameleon	x	x	x		



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CHMSL WARNING LIGHT

EPRDFPCWS(x) / EP2FPCWS(x)

Light Sync

Light Sync Configuration Instructions

1. **Set ID#**
 - a. Identify which pattern and sequence you want and look up ID#s on table.
 - b. Connections
 - i. RED: +12Vdc
 - ii. WHT: +12Vdc (Note: you will need to disconnect after power is applied)
 - iii. BLK: Ground
 - c. Apply power to unit
 - d. Without disconnecting power from unit, disconnect WHT wire
 - e. Momentarily connect WHT to Ground to change ID #
 - i. Identify ID# by number of sequential flashes
 - ii. Possible ID#s: 1 – 4
 - f. Disconnect power from unit to get out of ID mode.
2. **Set Pattern**
 - a. Reapply power to units.
 - b. Once all Light Head ID#s are configured, make sure all lights are flashing the same pattern
 - c. Connect corresponding colored wires of all units together: RED to RED, etc.
 - d. Change Pattern
 - i. Momentarily connect WHT wires to Ground
 - ii. Observe pattern change on all lights connected
 - e. Insulate all wires by taping with electrical tape
3. **Connect Master Switch for Application**
 - a. IMPORTANT! Ensure WHT Pattern/Sync Wires are tied together

1 LIGHT

Single Light Operation: Follow the ID Selection steps and set the Beacon to ID#1 if it is not already. NOTE: Steady Burn is produced for patterns 9 & 10 in Single Operation.

2 LIGHTS

ALTERNATING: To obtain Alternating patterns, follow the ID SELECTION steps and set one Beacon to ID#1 and the other to ID#3. Then proceed to the PATTERN SELECTION steps.

SIMULTANEOUS: To obtain Simultaneous patterns, follow the ID SELECTION steps and set both Beacon lights to ID#1. Then proceed to PATTERN SELECTION steps.

4 LIGHTS

X-Pattern: To obtain X-patterns, follow the ID SELECTION steps and set one of the four Beacon lights to ID#1, one to ID#2, one to ID#3, and one to ID#4. Then proceed to PATTERN SELECTION steps. NOTE: Be sure to mount each Beacon in the correct placement based on ID#.

X-Pattern Sequence

ID#1 > ID#4 > ID#2 > ID#3

X-Pattern Light Head Placement

ID#4	ID#2
ID#3	ID#1



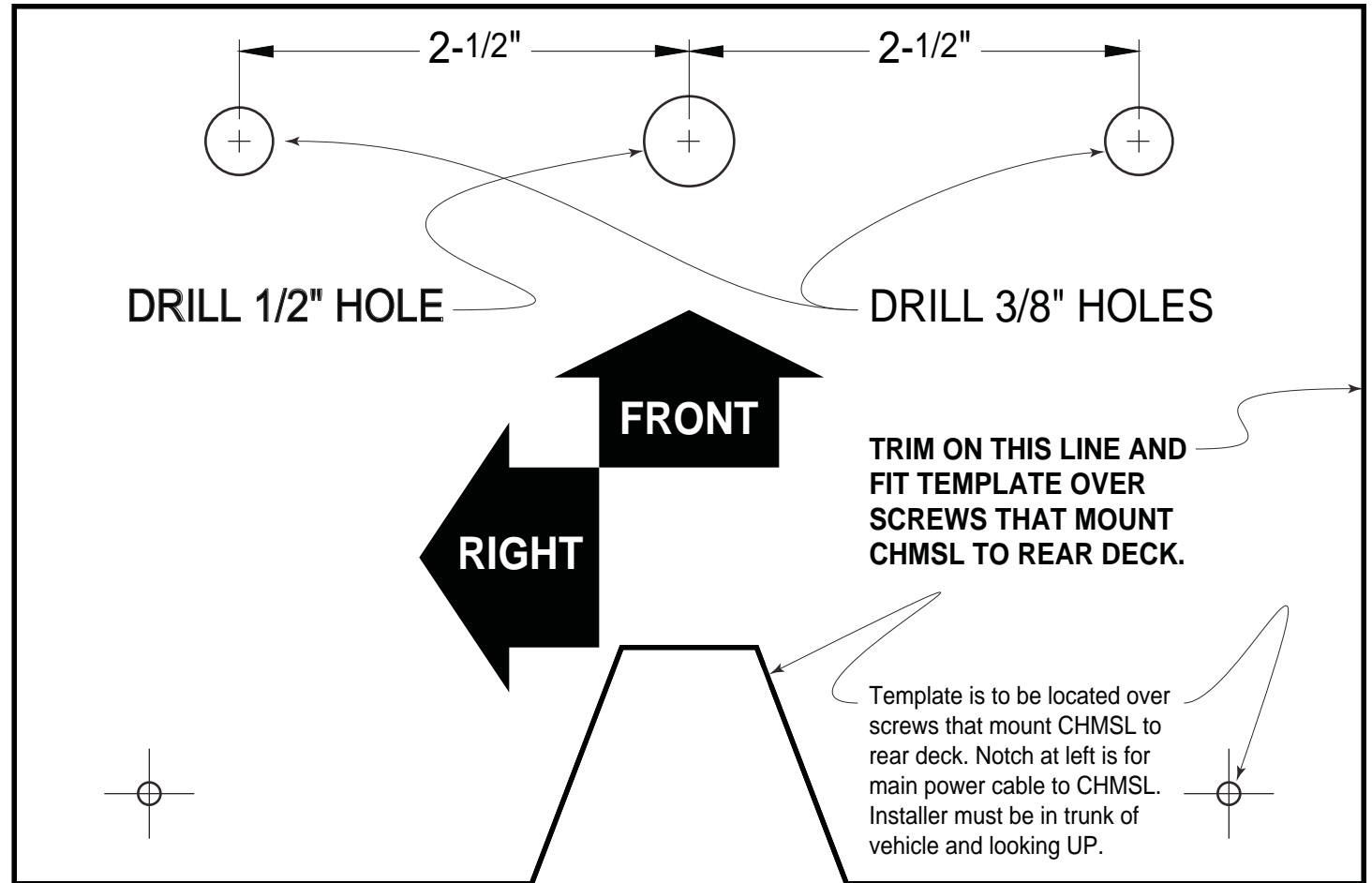
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CHMSL WARNING LIGHT

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Installation Template



IMPORTANT NOTE:

Due to variations in the printing process and environmental factors, the sizes shown may not be accurate. If this document is used as a cutting template, it is the installer's responsibility to confirm the accuracy of the dimensions shown and adjust accordingly.

— Replacement Parts & Accessories: —

PPRDFPCWSSH: Plastic Shroud

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