



## Auxiliary Warning Light Kit NOW Available

### Parts Update #17-09REVA



### SoundOff Lighting Introduces “Auxiliary Warning Light Kit”

SoundOff Signal has just received NYSDOT authorization for their “Auxiliary Warning Light Kit” and this newly allowed item is the next step in increasing the safety of children while entering or exiting the stopped school bus!

This “Auxiliary” light system works to enhance the standard 8 lamp warning system by placing 2 Red LED lights above the front and rear bumpers where motorists can more easily be alerted to a stopped school bus, please see above.

**UPDATE:10/24/2017 – THESE HAVE BEEN APPROVED THROUGH DOT, LETTER ATTACHED FROM RUSTY SEASTRUM**

**We have also included a copy of the generic installation instructions for your review.**

ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)

These kits designed specifically designed for the school bus industry are also available in Amber, White and Red/White split and with an added flasher can be used for other units in your fleet such as service trucks.



**Kit contains:**

- 4 Supplemental LED Warning Lamps
- Protected cabling & ties
- Connectors
- Fuse
- Grommets
- Instructions

**KIT #ECVAUXLK80RR**

**\$326.90**

**See Special Pricing!!!**

ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)



AVAILABLE ON YOUR  
NEW BUS PURCHASE  
Option #LGT131

**SPECIAL PRICE**  
**UNTIL JANUARY 1<sup>st</sup>**

**\$270.54**

**WILL FIT ALL  
MAKES & MODEL  
SCHOOL BUS**

**LIGHTS ARE COVERED  
BY SOUNDOFF'S  
5 YEAR WARRANTY**

ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)





October 24, 2017

Clarke Reberg  
Business Development Director  
SoundOff CVP  
3630 Highland Dr.  
Hudsonville, MI 49426

Re: School Bus Auxiliary Crossing Lamps

Dear Mr. Reberg:

This is reference to the request for approval of the SoundOff lamp model CVAUXLK80(XX), to be used as auxiliary warning lamps on school buses in New York State. After review of the documents and information provided it is the opinion of this office that these lamps may be installed on school buses in New York State with the following requirements;

1. The lamps must be of a light emitting diode or equivalent type and not incandescent type,
2. The lamps must be either approximately 2" X 6" in size or the standard crossing lamp meeting SAE J887,
3. The lamps may only be red in color,
4. The lamps may only have a flashing type function and not be wired so as to have a strobe type function such as is allowed for the high mounted lamps,
5. The lamps must flash simultaneously with the required high mounted crossing lamps,
6. The flash may alternate corner to corner or top to bottom locations simultaneously,
7. The lamps not meeting J887 must be designed as a warning type lamp,
8. Two lamps must be mounted on the front and two on the rear of the school bus immediately above the bumpers and as close to the outside width of the vehicle as is practicable as vehicle design will allow.

50 Wolf Road, Albany, NY 12232 | [www.dot.ny.gov](http://www.dot.ny.gov)

ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)



This approval reference to any specific product, service, process, or method does not constitute an implied or expressed recommendation or endorsement of said product, and makes no warranties or representations, expressed or implied, as to the fitness for particular purpose or merchantability of any product, apparatus, or service, or the usefulness, completeness, or accuracy of any processes, methods, or other information contained, described, or disclosed within the product documentation.

Sincerely,



Rusty Seastrum  
Chief Technician

ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)



## CONTACT OUR PARTS DEPARTMENT WITH ANY QUESTIONS

### **Director of Parts**

Jim Hogan

[jhogan@newyorkbussales.com](mailto:jhogan@newyorkbussales.com)

607-227-5794

### **Chittenango:** 800-962-5768

Gari McQuade

[gmcquade@newyorkbussales.com](mailto:gmcquade@newyorkbussales.com)

Bill Cox

[bcox@newyorkbussales.com](mailto:bcox@newyorkbussales.com)

John Lewin

[jlewin@newyorkbussales.com](mailto:jlewin@newyorkbussales.com)

Dave Grant

[dgrant@newyorkbussales.com](mailto:dgrant@newyorkbussales.com)

**Albany:** 866-867-1100

Sean Conway

[sconway@newyorkbussales.com](mailto:sconway@newyorkbussales.com)

Pat Murphy

[pmurphy@newyorkbussales.com](mailto:pmurphy@newyorkbussales.com)

**Rochester:** 800-463-3232

Dave Cook

[dcook@newyorkbussales.com](mailto:dcook@newyorkbussales.com)

Steve Hibbard

[shibbard@newyorkbussales.com](mailto:shibbard@newyorkbussales.com)

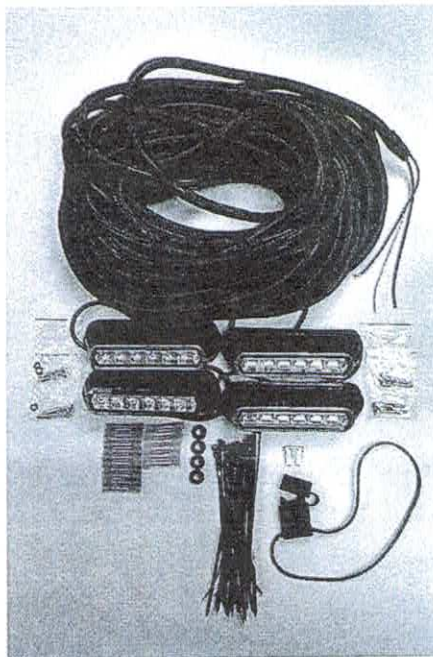
ALL of our Service Updates can be found on the [New York Bus Sales website](#)  
Or at the [New York Head Mechanic website](#)





## Supplemental Warning Light Kit

### CVAUXLK80xx Installation Instructions



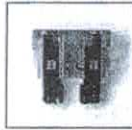
#### **⚠ WARNING**

- HIGH CURRENT interconnects must be properly terminated. Poor crimp quality can cause heat build-up and fire. Follow crimp connector manufacturer instructions.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to vehicle Owner's Manual for deployment zones.
- Do NOT use system to disconnect headlights, brake lights or other safety equipment.
- Unit may become hot to touch during normal operation.
- Failure to properly install connectors, fuses or wiring may cause vehicle failure or fire.
- Installation must only be performed by trained technician. Installer must determine vehicle wiring configuration and proper integration of system.
- Use proper wire gauge. All power wires connecting to positive (+) or negative (-) battery terminal or local chassis ground (-) must be sized to supply at least 125% of max. current and properly fused at power source.
- Install protective grommets when routing wire through firewall or metal.

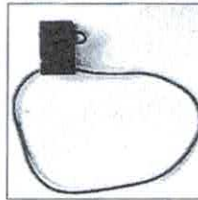
PO Box 185 / 3630 Highland Drive / Hudsonville, MI 49426  
office 616.662.6199 / fax 616.209.5364  
[www.soundoffcvp.com](http://www.soundoffcvp.com)

## Supplemental Warning Light Kit Includes

(1) 5amp Fuse



(1) 5amp in-line Fuse Holder



(4) Rubber Grommets



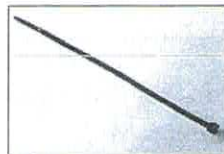
(11) 18-20AWG Heat Shrink Crimps



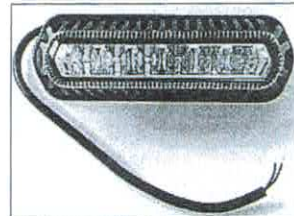
(6) 14-16AWG Heat Shrink Crimps



(25) Black Wire Ties



(4) Warning Lights with Mounting Screws and Gaskets



(1) 80ft wire harness

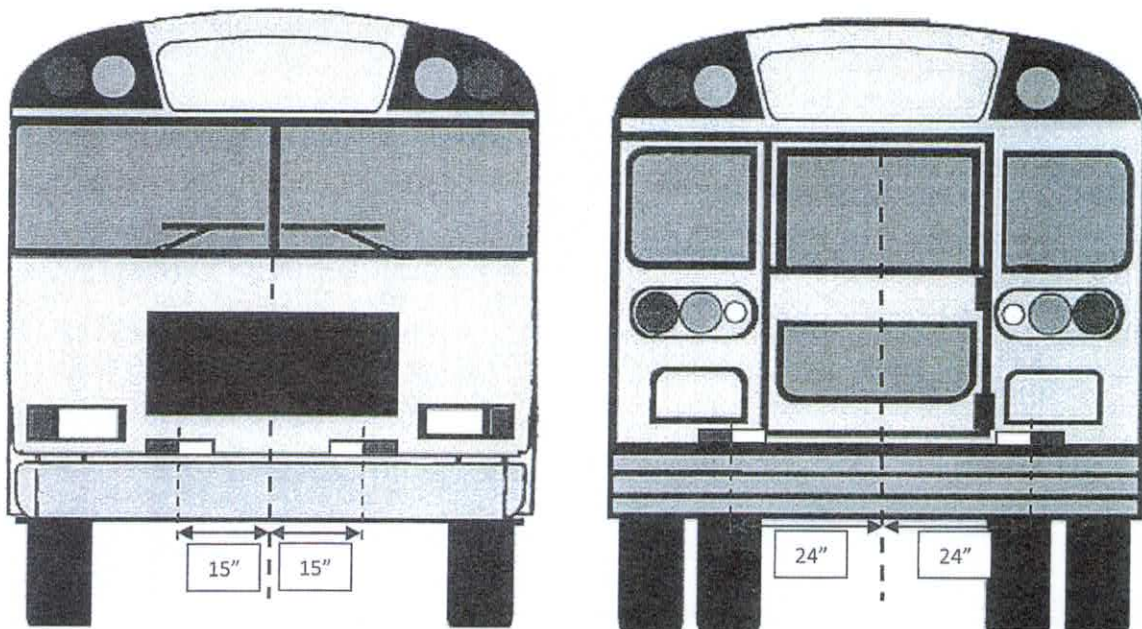




## Mounting Instructions

Determine mounting locations.

- Check that the back side of the drill location is free from obstructions, including wiring harnesses.
- Make sure the light output will not be obstructed
- Do not mount directly to either bumper or tread plate
- Conventional Bus:
  - Recommended max 6" above the bumper 15" from the centerline of the bus in the front, no more than 4" above the bumper 24" from the centerline in the rear
- Transit Bus:
  - Recommended 4-6" above the bumper 15" from the centerline of the bus in the front, no more than 4" above the bumper 24" from the centerline in the rear
- When using R/W or A/W lights, the white part of the light must be inwards toward the center of the bus





### Mounting Instructions, cont.

1. Using light as template, drill two mounting holes with 1/8" drill bit for mounting screws
2. Measure the halfway point between the mounting holes (roughly 4 7/16") and use a 1/2" drill to create the wire hole
3. Install supplied rubber grommet into the wire hole
4. Feed wires through rubber grommet and mount warning light with supplied screws, max 15in-lbs torque
5. Repeat for remaining lights

### ELECTRICAL CONNECTIONS

COLOR	FUNCTION
BLACK	GROUND
RED	+10-30Vdc
WHITE	PATTERN SELECT
RED + WHITE	STEADY BURN

❖ Apply power to white wire momentarily to change flash patterns

FLASH PATTERN	FLASHES PER MINUTE
1. SINGLE	100
2. QUAD (LEFT-RIGHT SPLIT)	75
3. QUINT (LEFT-RIGHT SPLIT)	60
4. TRIPLE (LEFT-RIGHT SPLIT)	100
5. MEGA	1200
6. DOUBLE (LEFT-RIGHT SPLIT)	75
7. TRIPLE	100
8. SINGLE	93
9. SINGLE	146
10. COMBINE	112



Follow local and state codes to determine proper wiring method for light illumination. Always mount harness away from moving parts and heat sources. Use proper heat shrink splices for making electrical connections.