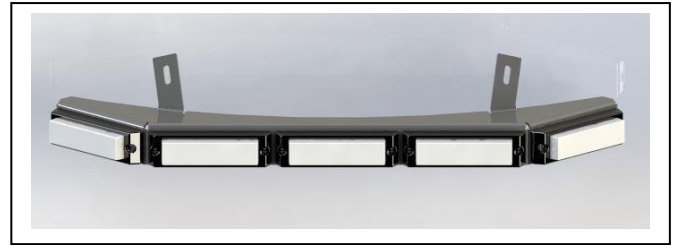


INSTALLATION & OPERATION MANUAL



2014+ Harley Davidson Road King - Supervisor

CODE 3, Inc. a Division
of ECCO Safety Group



HARLEY DAVIDSON SUPERVISOR INSTALLATION

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Specifications	5 ea. XT4
Input Voltage	12VDC
Peak Input Current	2 Amp
Output Power	18W
Flash Patterns	25
Fuse (customer supplied)	3A

IMPORTANT: **INSTALLER:** This manual must be delivered to the end user of this equipment
Read all instructions and warnings before installing and using.

Installation:

1. Remove two existing 12-20 fasteners and acorn nuts from the windshield where the horizontal and vertical chrome straps join...these fasteners will not be reused (See Figure 1).
2. Place Supervisor against windshield.
3. Feed the supplied $\frac{1}{4}$ -20 machine screw and flat washer thru the Supervisor, chrome straps and windshield.
4. Install the supplied lock washer and acorn nut on the inside of the windshield.
5. The flat washer will go on the outside of the windshield, the lock washer on the inside.
6. Tighten the (2) windshield screws (See Figure 2).
7. The wiring cable is installed such that it can be routed down along the metal windshield strap.



FIG. 1



FIG. 2

Wire Connection:

1. Connect red & white wire to 12V power supply.
2. Connect black wire to ground.
3. Factory Default Flash pattern is A1&A2 – Five Flash. To change light head flash pattern apply and remove ground to blue wire prior to installation.

Flash Patterns – Multi-Color: XT4

PA1 - LAMP-1 Single Flash 75 Sim P1	PA14 - LAMP-2 Double Flash 75 Sim P2
PA2 - LAMP-1 Single Flash 75 Sim P2	PA15 - Dual-Lamp ALT Double Flash 75 Sim P1
PA3 - LAMP-2 Single Flash 75 Sim P1	PA16 - Dual-Lamp ALT Double Flash 75 Sim P2
PA4 - LAMP-2 Single Flash 75 Sim P2	PA17 - Dual-Lamp ALT Quad Flash 75 Sim P1
PA5 - LAMP-1 CA T13 75FPM Single Flash Sim P1	PA18 - Dual-Lamp ALT Quad Flash 75 Sim P2
PA6 - LAMP-1 CA T13 75FPM Single Flash Sim P2	PA19 - LAMP-1 ECE R65 120FPM Single Flash Sim P1
PA7 - LAMP-2 CA T13 75FPM Single Flash Sim P1	PA20 - LAMP-1 ECE R65 120FPM Single Flash Sim P2
PA8 - LAMP-2 CA T13 75FPM Single Flash Sim P2	PA21 - LAMP-2 ECE R65 120FPM Single Flash Sim P1
PA9 - Dual-Lamp ALT Single Flash 75 Sim P1	PA22 - LAMP-2 ECE R65 120FPM Single Flash Sim P2
PA10 - Dual-Lamp ALT Single Flash 75 Sim P2	PA23 - Dual-Lamp ALT ECE R65 120FPM Single Flash Sim P1
PA11 - LAMP-1 Double Flash 75 Sim P1	PA24 - Dual-Lamp ALT ECE R65 120FPM Single Flash Sim P2
PA12 - LAMP-1 Double Flash 75 Sim P2	PA25 - OFF
PA13 - LAMP-2 Double Flash 75 Sim P1	

Parts List:

S30211 Common parts Bracket Assembly Qty 1

S31324 Mounting Hardware bag containing:

T56174 ¼-20 Machine Screw	Qty 2
T56175 0.25" Flat Washer	Qty 2
T03745 Split Washer	Qty 2
T00183 ¼-20 Acorn Nut	Qty 2

Selection of light heads determines Model No. of Supervisor to be ordered.

HD 82R3B (2) Red and (3) Blue
HD 85B (5) Blue
HD 85R (5) Red
HD 82R2B (2) Red and (2) Blue
HD 8MCBW (5) Multi-Color Blue/White
HD 8MCRB (5) Multi-Color Red/Blue
HD 83R2B (3) Red and (2) Blue
8MCRW (5) Multi-Color Red/White

Notes:



WARNING!

Larger wires and tight connections will provide longer service life for components. For high current wires it is highly recommended that terminal blocks or soldered connections be used with shrink tubing to protect the connections. Do not use insulation displacement connectors (e.g. 3M Scotchlock type connectors). Route wiring using grommets and sealant when passing through compartment walls. Minimize the number of splices to reduce voltage drop. High ambient temperatures (e.g. under hood) will significantly reduce the current carrying capacity of wires, fuses, and circuit breakers. Use "SXL" type wire in engine compartment. All wiring should conform to the minimum wire size and other recommendations of the manufacturer and be protected from moving parts and hot surfaces. Looms, grommets, cable ties, and similar installation hardware should be used to anchor and protect all wiring. Fuses or circuit breakers should be located as close to the power takeoff points as possible and properly sized to protect the wiring and devices. Particular attention should be paid to the location and method of making electrical connections and splices to protect these points from corrosion and loss of conductivity. Ground terminations should only be made to substantial chassis components, preferably directly to the vehicle battery. The user should install a fuse sized to approximately 125% of the maximum Amp capacity in the supply line to protect against short circuits. For example, a 30 Amp fuse should carry a maximum of 24 Amps. **DO NOT USE 1/4" DIAMETER GLASS FUSES AS THEY ARE NOT SUITABLE FOR CONTINUOUS DUTY IN SIZES ABOVE 15 AMPS.** Circuit breakers are very sensitive to high temperatures and will "false trip" when mounted in hot environments or operated close to their capacity.

Wear hearing protection when testing, Use siren only for emergency response, Roll up windows when siren is operating, Avoid exposure to the siren sound outside of vehicle.

WARRANTY

Code 3, Inc.'s emergency devices are tested and found to be operational at the time of manufacture. Provided they are installed and operated in accordance with manufacturer's recommendations, Code 3, Inc. guarantees all parts and components except the lamps to a period of 1 year (unless otherwise expressed) from the date of purchase or delivery, whichever is later. Units demonstrated to be defective within the warranty period will be repaired or replaced at the factory service center at no cost.

Use of lamp or other electrical load of wattage higher than installed or recommended by the factory, or use of inappropriate or inadequate wiring or circuit protection causes this warranty to become void. Failure or destruction of the product resulting from abuse or unusual use and/or accidents is not covered by this warranty. Code 3, Inc. shall in no way be liable for other damages including consequential, indirect or special damages whether loss is due to negligence or breach of warranty.

CODE 3, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING, WITHOUT LIMITATION, WARRANTIES OF FITNESS OR MERCHANTABILITY, WITH RESPECT TO THIS PRODUCT.

PRODUCT RETURNS

If a product must be returned for repair or replacement*, please contact our factory to obtain a Return Goods Authorization Number (RGA number) before you ship the product to Code 3, Inc. Write the RGA number clearly on the package near the mailing label. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit.

*Code 3, Inc. reserves the right to repair or replace at its discretion. Code 3, Inc. assumes no responsibility or liability for expenses incurred for the removal and/or reinstallation of products requiring service and/or repair, nor for the packaging, handling, and shipping; nor for the handling of products return to sender after the service has been rendered.

PROBLEMS OR QUESTIONS? CALL OUR TECHNICAL ASSISTANCE HOTLINE (314) 996-2800

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