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⚠ WARNING! High Voltage

3000 Series Beacon
Wait 10 minutes after shutting off
before starting any work on this unit.

FOR REPLACEMENT OF BEACONS USING TOGGLE BOLTS AND TWO 5/8" HOLES SPACED 3-1/2" APART

1. Remove old beacon.
2. Remove wires noting which is ground (black) and which is power (red).
3. Remove toggle bolts (or threaded rod), washers and toggle wings securing mounting plate in place and set aside for later use.
4. Thread wires from vehicle through center holes in rubber gasket and mounting plate. Align rubber gasket and mounting plate with 5/8" holes and install using toggle bolts, washers and toggle wings. Note: if threaded rod was used this should be replaced with a bolt of the correct dimensions. Bolts should not be overtightened. 4 holes are provided for correct alignment of beacon but only 2 will be used.
5. Place foam gasket over mounting plate using threaded studs for alignment.
6. Make wiring connections (red-power, black-ground) and determine if double-flash or quad-flash is desired. See diagram at right. For QUAD-FLASH make 'T' connection of yellow wire into red wire; for DOUBLE-FLASH trim and tape end of yellow wire.
7. Install beacon using screws and lock washers supplied. Make sure that threaded nuts on plate align with holes in beacon. DO NOT OVERTIGHTEN SCREWS as damage to the beacon base may occur.

FOR NEW INSTALLATIONS

1. Determine location of new beacon and drill hole for wiring.
2. Place foam gasket over hole and make electrical connections.
3. With weep hole to rear of vehicle secure beacon using #8 sheet metal screws and external tooth lock washer (stainless steel-not supplied). Note that adaptor plate and rubber gasket are not needed for new installations.

SPECIFICATIONS

Voltage	10-30Vdc
Current	2 Amps @ 12.8Vdc
Flash Mode	User selectable Double or Quad

Dress Ring

Weep Hole

NOTE

Make sure the weep hole is facing to the rear of the vehicle. (See illustration above).

1. Secure beacon and gasket to the vehicle by routing the red, black and yellow wires through the entry hole in the base into vehicle.

IMPORTANT!!!

Do **NOT** overtighten mounting screws. Tighten only until gasket is slightly compressed.

BLACK Wire: Connect to a convenient, reliable ground.

RED Wire: Connect to one side of a user supplied switch. Connect the other side of the switch to a power source through a 5A fuse. Connect the fuse close to a power source.

YELLOW Wire: Double Pattern Flash - DO NOT connect yellow wire. Tape end.

QUAD PATTERN FLASH: "T" or tap the yellow wire into the red wire.

STROBE TUBE REPLACEMENT

1. Remove the Beacon lens and dress ring (3207HCAVZN) or clear dome (3207HCAVZNC).

NOTE

DO NOT touch the glass part of the tube assembly.

2. Loosen the 3 terminals securing strobe tube to CN1.
3. Remove defective strobe tube and replace with new tube.
4. Securely tighten the 3 terminals on CN1.
5. Reassemble the beacon.

3000 SERIES STROBE BEACON WITH ADAPTOR PLATE

3207HCA-VZN / 3207HCA-VZN-DC



3000 Series Beacon
Shown with Dust Cover

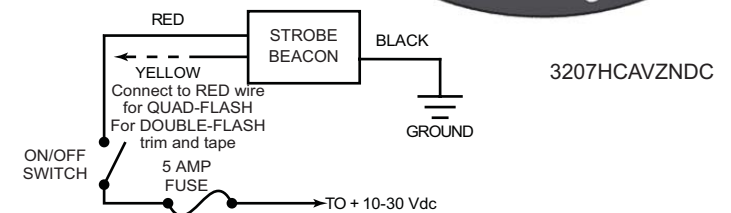
#6-32 Screw

Lock Washer

Foam Gasket

Steel Plate with
Threaded Studs

Rubber Gasket



WARRANTY

SoundOff Signal warrants the 3207HCAVZN beacon for three (3) years from the date of purchase to the original purchaser against any manufactured defects or workmanship. This warranty is a 100% replacement value warranty. It applies only to units installed according to manufacturer's installation instructions and operated within the units specifications. Warranty is void if the unit was installed incorrectly or maliciously damaged. All warranty claims must be accompanied by a dated proof of purchase.

SoundOff Signal retains the right to be the sole mediator of what constitutes defects in performance or manufacturing.