

## ⚠ 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. 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. 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.
6. Install beacon using screws and lock washers supplied. 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).

#### 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.

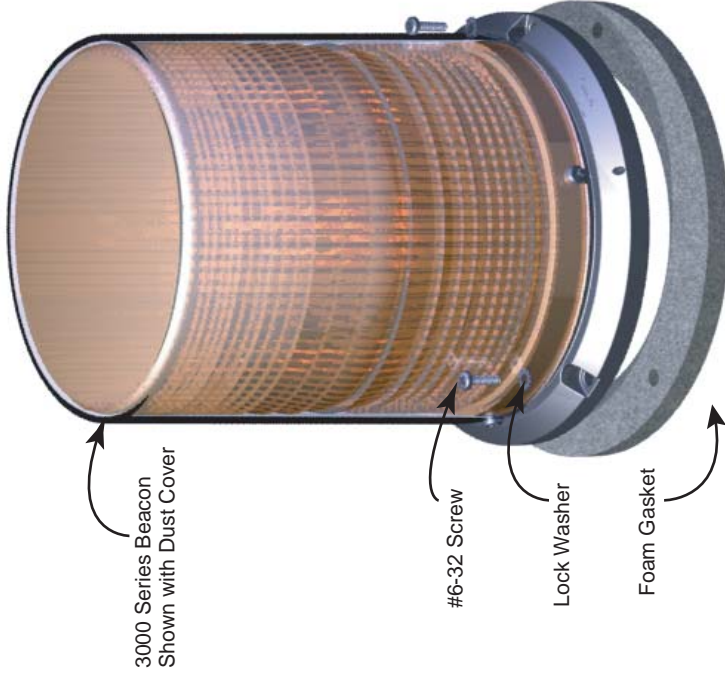
#### STROBE TUBE REPLACEMENT

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

#### 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. (Make sure to insert tube correctly 'cathode & anode'.
4. Securely tighten the 3 terminals on CN1.
5. Reassemble the beacon.

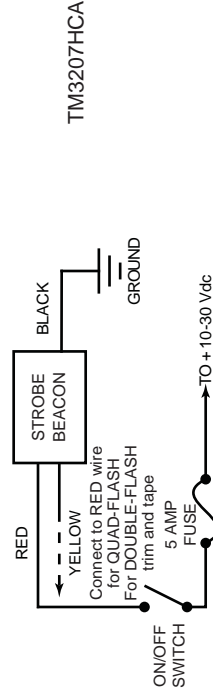


3000 Series Beacon Shown with Dust Cover

#6-32 Screw

Lock Washer

Foam Gasket



TM3207HCA