

Product being installed: Beacon DIN Flexible Mount  
Common Customer Assembly **IL02353**



Series 100



Series 200



Series 300



**All Beacon lights:**

- Series 100, 200, 300
- 12 and 24 VDC
- Amber, Green, Red, Blue, White color

**Parts provided:**

- Beacon light
- DIN mount assembly

**Part not provided:**

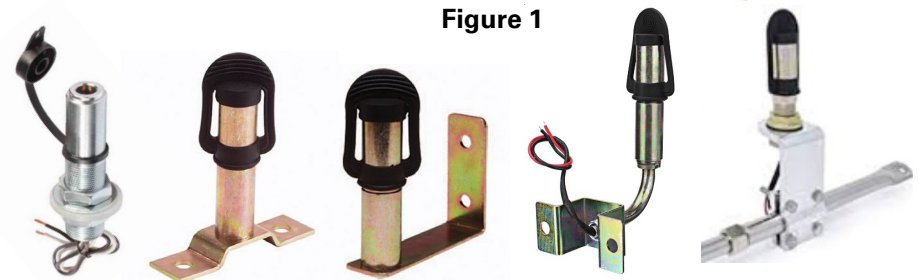
- Mating DIN socket

**WARNING: LIGHT HAZARD:** This product contains high intensity LED's. To prevent permanent eye damage DO NOT look directly into the light beam at close range.

**Safety Message to Installers and Service Personnel**

It is important to read and follow all instructions shipped with this product. In addition, listed below are some other important safety instructions and precautions you should follow:

- To be an effective warning device, this product produces bright light that can be hazardous to your eyesight when viewed at a close range. Do not stare directly into this lighting product at a close range or permanent damage to your eyesight may occur.
- Do not install the beacon in an area that would block, impair or blind the driver's vision. Ensure that the beacon is mounted in a position that is outside of the driver's field of vision, so the driver can safely operate the vehicle.
- Never attempt to install aftermarket equipment that connects to the vehicle wiring without reviewing a vehicle wiring diagram available from the vehicle manufacturer. Ensure that your installation will not affect vehicle operation or mandated safety functions or circuits. Always check the vehicle for proper operation after installation.
- Proper placement and installation are vital to the performance of this warning device. Install this product so that output performance of the system is maximized, and the controls are placed within convenient reach of the operator so that he/she can operate the system without losing eye contact with the roadway.



**Figure 1**

NOTE: The diameter of the socket is 24mm / 0.944"

## Mounting the Beacon to a Vehicle:

1. Select the desired location on a flat surface for the Beacon to be mounted (Fig 2). The visibility of the flash and access to wiring should be considered in the selection of the mounting location.
2. Install & check the pole mount socket:
  - a. **Using an existing DIN Pole Mount Socket installed on a Vehicle:** Inspect the existing socket and verify it is in good working order. There should not be any corrosion, debris or obstructions that could prevent a proper electrical connection. Cleaning or replacing the socket may be necessary if its not in good working order.
  - b. **Installing a new DIN Pole Mount Socket to Vehicle:** Use the correct DIN ISO 4165 pole mount socket and securely mount it on the vehicle in the desired location following manufacturers directions.
  - c. The DIN socket is a 2-wire connection. Connect the electrical wires to the vehicle as shown in Figure 3 for correct polarity.
3. Install the DIN Mount Assembly onto the Socket. The assembly slides approximately 1" onto the socket when properly installed. Parts should be free of debris and dry. See Figure 4.
4. Tighten the hex head screw using a 6mm hex key tool. Tighten to 3.5 N-m (31-in/lb) +/- 20% to securely fasten it to the socket. When correctly tightened the DIN Mount Assembly will not rotate or pull upwards off the socket. Avoid overtightening which can damage the product.
5. Apply power to the Beacon and verify it operates properly.

**NOTE:** The DIN Mount Assembly fits snug to the socket. It may require some downwards pressure to get the parts to engage correctly. Places hands as shown to apply force and rotate if needed.

Figure 2

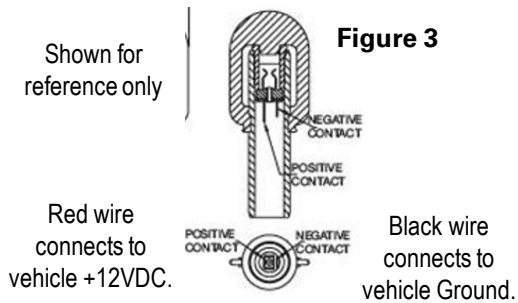
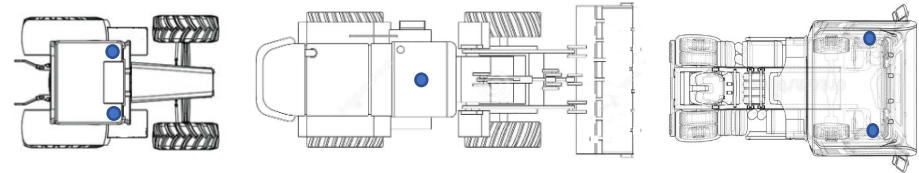


Figure 4

