



## The Forklift Spotter™ Safe Zone – Rear Light Pedestrian Collision Avoidance Lighting System Installation Guide

### **Important notes:**

- Consult a qualified electrician and/or the forklift manufacturer for proper wiring instructions. Note the current draw and voltage specifications of the lights to be installed. Ideal Warehouse Innovations will not be responsible for damages resulting from incorrect wiring.

### **Before you begin:**

- Create a highly visible visual barrier around the area you will be working. Ideal Warehouse Innovations' Portable Safety Zone is an excellent tool for this:  
<http://idealwarehouse.com/product/port-safety-zone/>
- Use appropriate personal protective equipment such as gloves, safety glasses, hearing protection and protective shoes.

### **Tools you will need:**

- Voltmeter
- Wire Cutters
- Wire strippers
- Crimp connectors and crimp tool
- Heat shrink tubing
- Adjustable wrench or appropriate size socket set

### **Components:**

#### **The Forklift Rear Spotter Light Kit**

(70-1095), with:

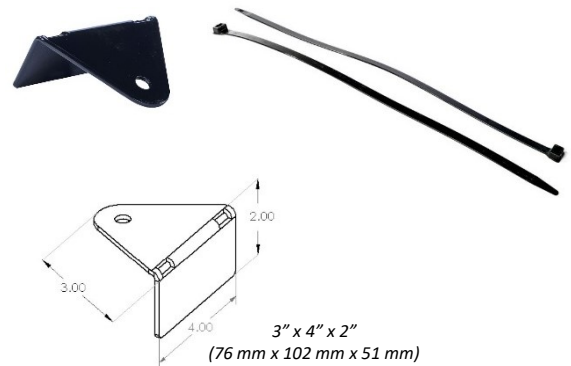
- Light with 15" (381 mm) cable
- Mounting bracket
- 2 x bolts
- 2 x locknuts



#### **Optional Universal Mounting Bracket Kit**

(70-1091-1), with:

- Universal mounting bracket
- 2 x heavy duty tie straps



Note: For installations using the optional **Universal Mounting Bracket Kit** (Part # 70-1091-1) follow Step A and then Step B. For other installations skip to Step B.

**Step A:**

- The photos indicate a typical installation. In this case a Toyota counterbalance truck. The ideal location for The Forklift Rear Spotter Light is affixed to the top horizontal safety cage beam.
- Affix The Forklift Rear Spotter Light as shown in the attached photographs using the supplied tie straps. Fasten securely and cut off the excess (tail).
- Mount the light to the Universal Mounting Bracket with the supplied fasteners.



**Step B:**

- DO NOT drill into the truck's safety cage. Mount The Forklift Rear Spotter Light in a location where the beam has a clear path to the ground, and a suitable distance from the truck so as to provide adequate pedestrian warning. Minimum 12'-14' (3.66m to 4.27m) from rear of the fork truck.
- The Forklift Rear Spotter Light is powered from the trucks DC only power supply: 10-80 VDC, with a current draw of 0.72 A.

**NOTE:**

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- *The length of wire required for final installation varies by application and is supplied by others.*