FEDERAL SIGNAL
Safety and Security Systems

Installation Instructions for the DRBKT-RB-UNIV DynaFlare™ Universal Bracket

25501012 Rev A0 0525

Safety Message to Installers of Warning Light Equipment

⚠ WARNING

People's lives depend on your proper installation and servicing of Federal Signal products. It is important to read and follow all instructions shipped with this product and the original product. Listed below are some other important safety instructions and precautions you should follow:

- To properly install the lighting system, you must have a good understanding of automotive systems, along with proficiency in the installation and use of safety warning equipment.
- Do not install equipment or route wiring in the deployment path of an airbag.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- Do not stare into the lights at close range, or permanent damage to your eyesight may occur.
- When drilling into a vehicle structure, ensure that both sides of the surface are clear of anything that could be damaged.
- Refer to the instructions packed with related products for additional precautions and information.
- Frequently inspect the light system to ensure that it is operating properly and that it is securely attached to the vehicle.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

Product Overview

This publication has instructions for using the DRBKT-RB-UNIV Mounting Kit to mount the DynaFlare™ running board light.

NOTE: For electrical installation instructions, refer to the Installation and Maintenance Instructions packed with the lighthead.

Unpacking the Kit

After unpacking the kit, inspect it for damage that may have occurred in transit. If it has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of damage. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts in the Kit Contents List are included in the package. If you are missing any parts, contact Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT).

Table 1 Kit contents

Qty.	Description	Part Number
4	10-32 x 1/2-inch Stainless Steel Hex Bolt	7000346-08
4	10-32 Stainless Steel Nut with Nylon Insert	7058061
4	10-32 Washer	7072015
2	DynaFlare Universal L Bracket	866004965

Figure 1 Kit Contents



Mounting the DynaFlare

IMPORTANT: Plan all cable routing before the installation.

⚠ WARNING

AIRBAG DEPLOYMENT: Do not install equipment or route wiring in the deployment path of an airbag. Failure to observe this warning will reduce the effectiveness of the airbag or potentially dislodge the equipment, causing serious injury or death.

NOTICE

DRILLING PRECAUTIONS: Check the area into which you are drilling to ensure that you do not damage vehicle components. All drilled holes should be deburred, and all sharp edges should be smoothed. All wire routings going through drilled holes should be protected by a grommet or convolute/split loom tubing.

To mount the running board light:

1. Insert the 10-32 hex head bolts into the DynaFlare™'s C-channel.

Figure 2 Hardware in C-Channel



2. Align the hardware in the DynaFlare™ with the universal bracket.

Figure 3 Hardware Alignment



3. Mount the universal bracket and secure it with the provided nuts and washers. Choose the mounting configuration needed for your application. Examples are pictured in the following figures.

Figure 4 Bracket Mounted to DynaFlare (1)

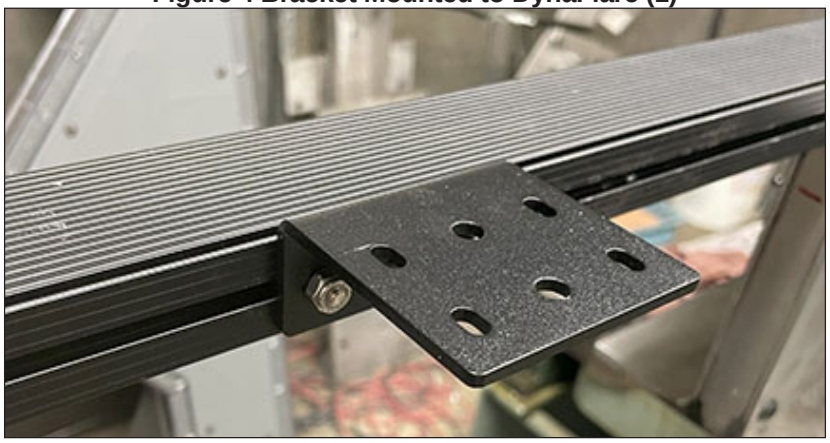


Figure 5 Bracket Mounted to DynaFlare (2)



Figure 6 Bracket Mounted to DynaFlare (3)

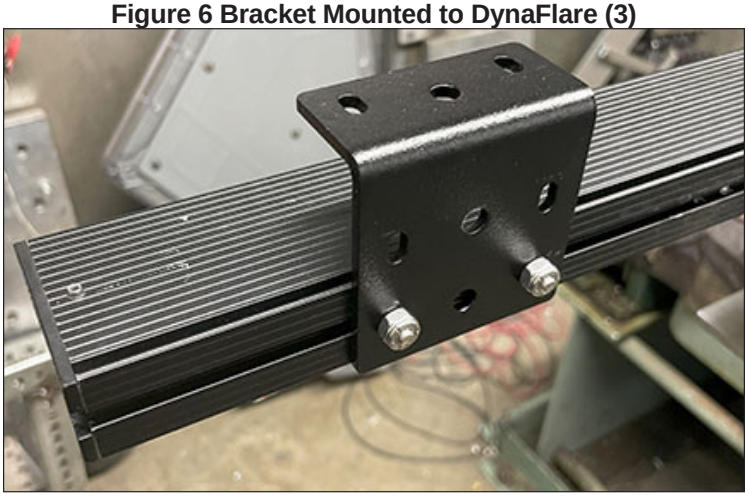
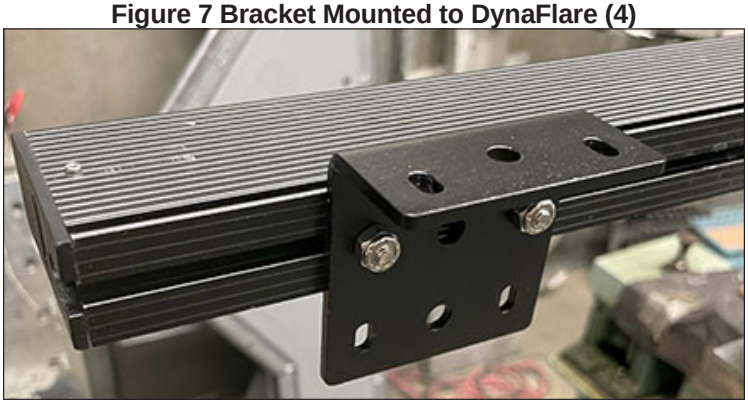


Figure 7 Bracket Mounted to DynaFlare (4)



IMPORTANT: Frequently inspect the running board light to ensure that all fastneners and brackets are tight.

Getting Technical Support

For technical support, please contact:

Federal Signal Corporation
Service Department
Phone: 1-800-433-9132
Email: empserviceinfo@fedsig.com

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