FEDERAL SIGNAL
Safety and Security Systems

Mounting the DRBKT-TB-FRD21 Bracket to the 2021+ Ford® F-150®

25501081 Rev A0 0726

Safety Messages for Installers of Warning Light Equipment

⚠ WARNING

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. 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.
- Frequently inspect the light system to ensure that it is operating properly and is securely attached to the vehicle.
- 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.
- Do not stare directly into the lights at a close range, or permanent damage to your eyesight may occur.
- 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.

Introduction

This publication contains instructions for installing the DRBKT-TB-FRD21 mounting kit to mount a DynaFlare® to the truck bed of a 2021+ Ford® F-150®.

NOTE: For electrical installation instructions, refer to the installation and maintenance instructions packed with the light head.

Unpacking the Product

After unpacking the product, 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 the damage. Failure to identify damage before installation could lead to the rejection of any claim. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed are included in the package. If you are missing any parts, contact Federal Signal 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
8	Stainless Steel Bolt, 5/16-18, Hex	7002A005-14
8	Stainless Steel Hex Nut, 5/16-18	7057A027
16	Stainless Steel Flat Washer, .344 X 3/4 X .050	7072A031
8	Stainless Steel Lock Washer, Split, 5/16	7074A020
8	DynaFlare Truck Bed Bracket	866005384

Installing the Brackets

⚠ 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.

To install the 5-foot DynaFlare® onto the truck bed of a 2021+ Ford® F-150®:

1. Use the 10-32 machine screws and 10-32 el stop nuts (provided with the DynaFlare) to mount four truck bed brackets onto the 5-foot DynaFlare. See Figures 1 and 2.

NOTE: When mounting a 1-foot or 2-foot DynaFlare, use two brackets per DynaFlare. When mounting a 3-foot DynaFlare, use three brackets per DynaFlare. When mounting a 5-foot or 6-foot DynaFlare, use four brackets per DynaFlare.

Figure 1 Mounting Truck Bed Bracket to a 5-Foot DynaFlare

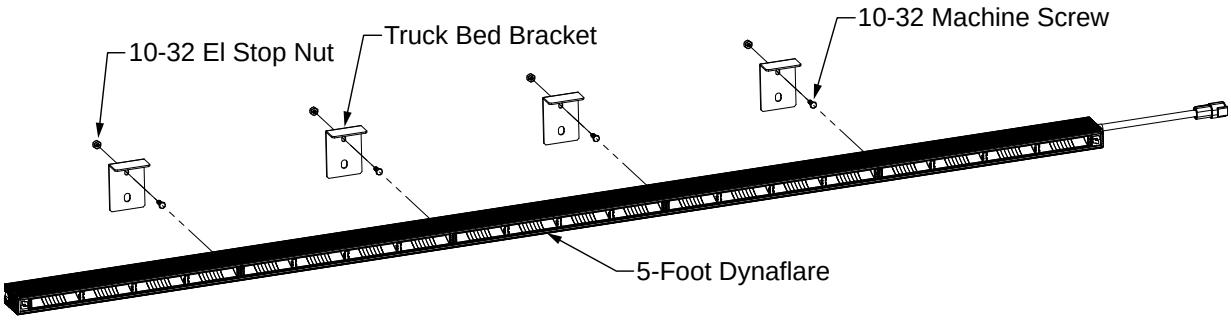
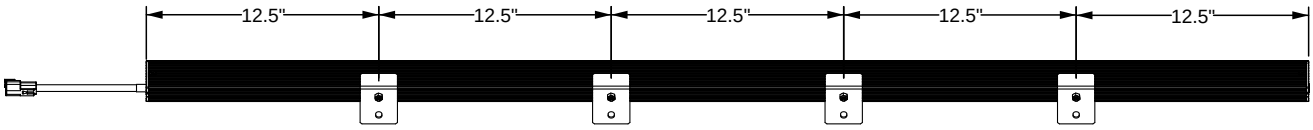


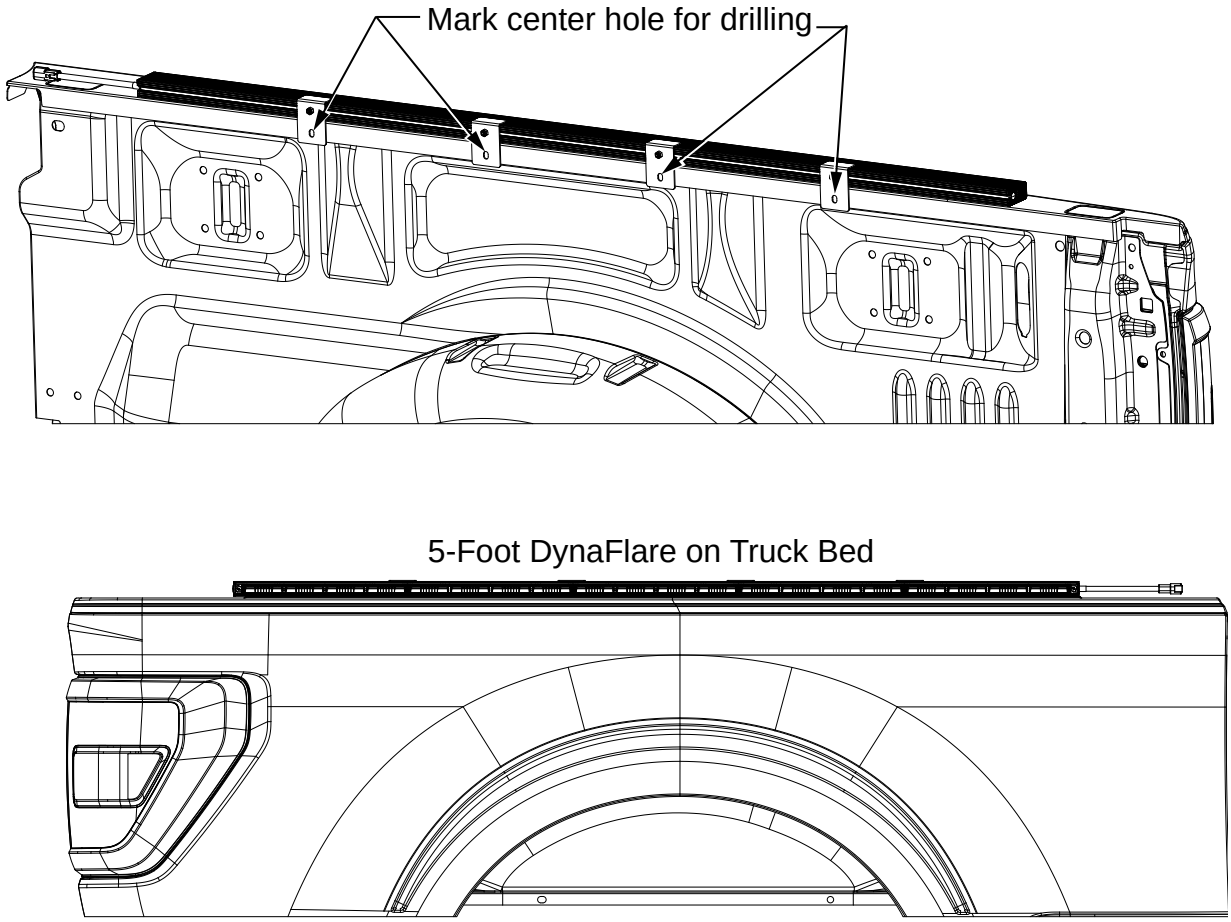
Figure 2 Bracket Spacing on a 5-Foot DynaFlare



Bracket Locations on 5-Foot DynaFlare

2. Once the brackets are mounted to the 5-foot DynaFlare®, place the DynaFlare on the truck bed rail and mark the center holes to be drilled. The DynaFlare spacing on the bed rail is up to the user. See Figure 3.

Figure 3 DynaFlare on a 2021 F-150® (Passenger Side Shown)



NOTICE

DRILLING PRECAUTIONS: When drilling holes, check the area you are drilling into to ensure that you do not damage vehicle components while drilling. 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.

3. Use a 3/8-inch drill bit and drill the marked hole locations. Clean and prep the holes after drilling.

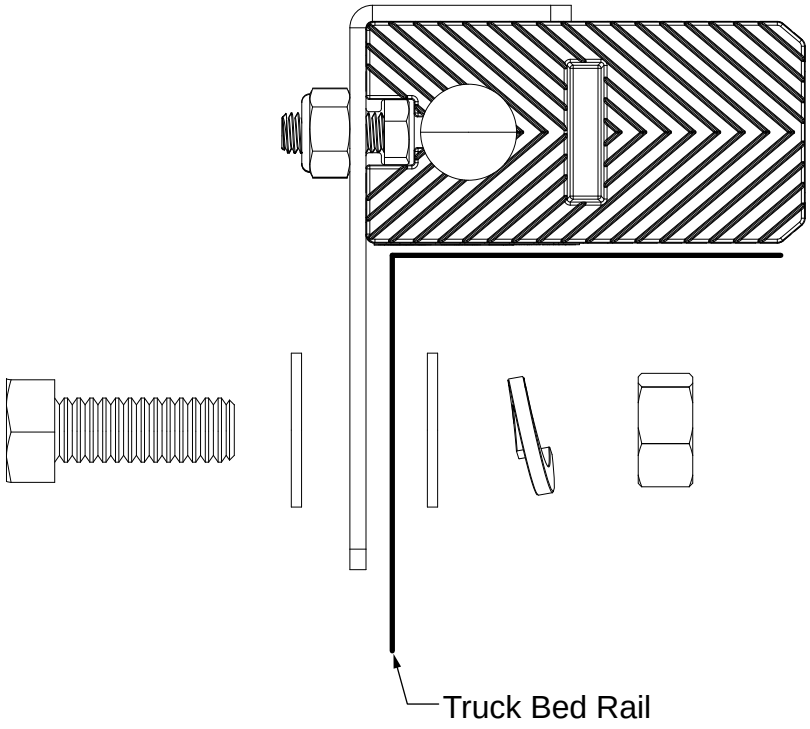
4. Use the 5/16-18 hex bolts, 5/16-18 hex nuts, 5/16 lock washers, and flat washers to secure the DynaFlare onto the truck bed.

5. Repeat Steps 1-4 for the driver's side.

Figure 4 Mounting DynaFlare® onto a 2021+ F-150® (Passenger Side Shown)

Section View

Hardware Installation onto Truck Bed Rail



6. Complete the wiring according to the instructions supplied with the DynaFlare®.

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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