Mounting the DynaFlare® Running Board Lights to the 2015-2025 Dodge® Durango®

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Safety Message to Installers of Warning Light Equipment

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 directly into the lights at a close range, or permanent damage to your eyesight may occur.
- 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.
- 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 has instructions for using the DR5BKT-RB-DUR15 mounting kit to mount running board lights to the side of a 2015-2025 Dodge® Durango®.

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

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

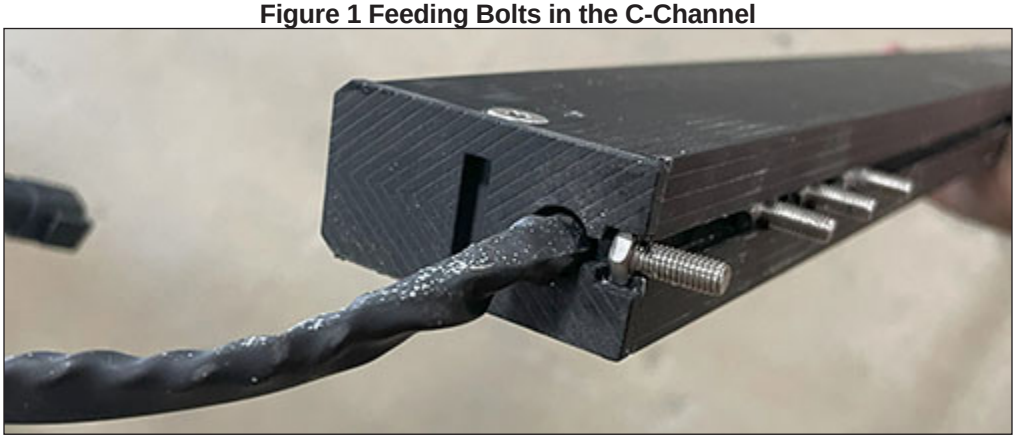
Qty	Description	Part Number
8	10-32 x 1/2 Stainless Steel Hex Head Bolt	7000346-08
8	1/4-20 Stainless Steel Nylon Nut 18-8	7058010
8	10-32 Stainless Steel Nylon Nut	7058061
8	#10 Stainless Steel Washer	7072015
8	1/4 Stainless Steel Washer	7072024
4	Durango® DynaFlare® Bracket	866004951
4	Durango DynaFlare Stud Bracket	866004953

Each mounting bracket kit is intended to mount one side of DynaFlare® Running Board Lights.

To mount the bracket:

1. Preassemble the brackets onto the DynaFlare running board light itself using the eight 10-32 hex head bolts and slide the hex head into the DynaFlare's C-channel. The DynaFlare has a C-channel rail on the opposite side of the light lens.

Figure 1 Feeding Bolts in the C-Channel



2. Once the eight hex head bolts are in the C-channel, secure the four brackets using the 10-32 nuts and washers. Leave the 10-32 nuts loose to adjust for their mounting points on the vehicle. Ensure that they are tight on final installation. This bracket preassembly is shown in figures 2 and 3.

Figure 2 Preassembly

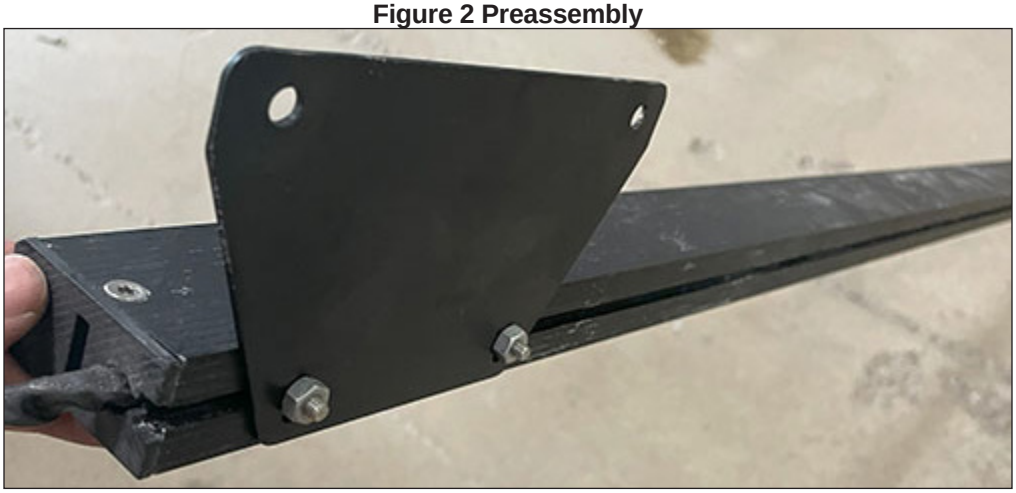


Figure 3 Preassembly



3. The thread-studded brackets can be installed into the mounting holes available in the Durango's® pinch weld under the vehicle's rocker panel. Orientation of the thread stud brackets can be towards the inside or outside of the vehicle's pinch weld but must be consistent with the other brackets. The studded brackets will rest in the holes while you adjust and align the preassembled brackets on the DynaFlare® itself. Align the brackets and lift the DynaFlare to start mounting on the vehicle. Two people are suggested when mounting onto the vehicle to get the alignment of the four brackets at once.

Figure 4 Studded Bracket Resting In Pinch Weld Holes



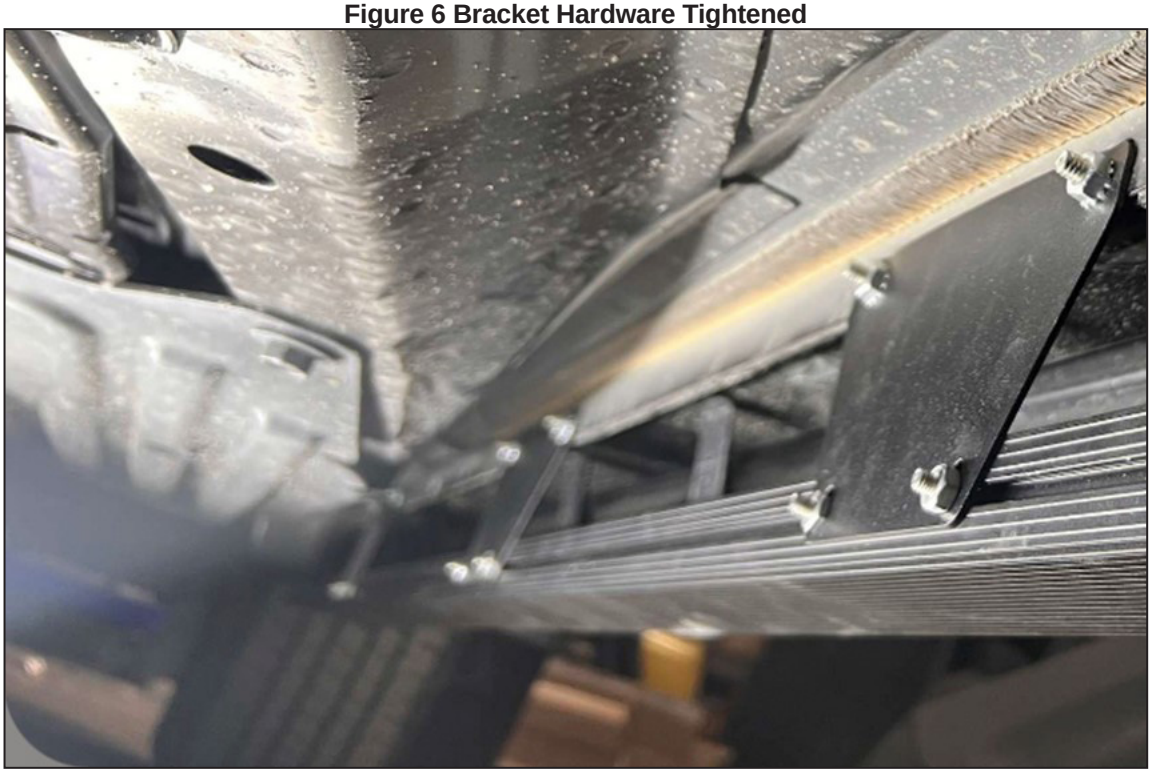
Figure 5 Brackets Mounted



4. Sometimes the pinch welds overlap the mounting holes. You will need to drill through the overlapping metal to make a through-hole. An angle drill is recommended.

5. Once brackets are aligned, use the 1/4-20 nylon nuts and washers to secure the DynaFlare® brackets onto the studded brackets and vehicle pinch welds. Adjust the DynaFlare running board light to the desired position on the vehicle. After final adjustments, tighten all of the 1/4-20 and 10-32 hardware.

Figure 6 Bracket Hardware Tightened



NOTICE

LIGHT HAZARD: To be an effective warning device, an emergency warning system produces a 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.

6. Test the lights for proper function.

Getting Technical Support

For technical support, please contact:

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

Getting Repair Service

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any units returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain an RMA from a local Distributor or Manufacturer's Representative. Provide a brief explanation of the service requested or the nature of the malfunction.

Address all communications and shipments to the following:

Federal Signal Corporation
Service Department
2645 Federal Signal Dr.
University Park, IL 60484-3167

Ordering Replacement Parts

To order replacement parts, call Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT) or contact your nearest distributor.

Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to info@fedsig.com or call +1 708-534-3400.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.

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