

BRONCO GRILL BAR STANDARD & CAPABLE BUMPER



53031 / 53069

INSTALLATION GUIDE

FOR ALL OUR USER MANUALS PLEASE VISIT WWW.LMI.BIZ/INSTALLATION-ASSISTANCE

MANUAL FOR END USER AND INSTALLER

Thank you for your purchase. At **LMI** we strive to ensure our products fit your vehicle correctly and with no issues. However, due to the large number of manufacturer models and trim levels, it is difficult to test every scenario. If you find that something does not fit correctly, please reach out to us so we can make the appropriate adjustments.

Please understand that making modifications to your vehicle can void the manufactures warranty, and in some cases my cause damage to your vehicle, cause your vehicle handle differently, affect your vehicle safety system, affect your gas mileage, or cause wind noise. **LMI** is not responsible for any adverse affects this product may cause to your vehicle.

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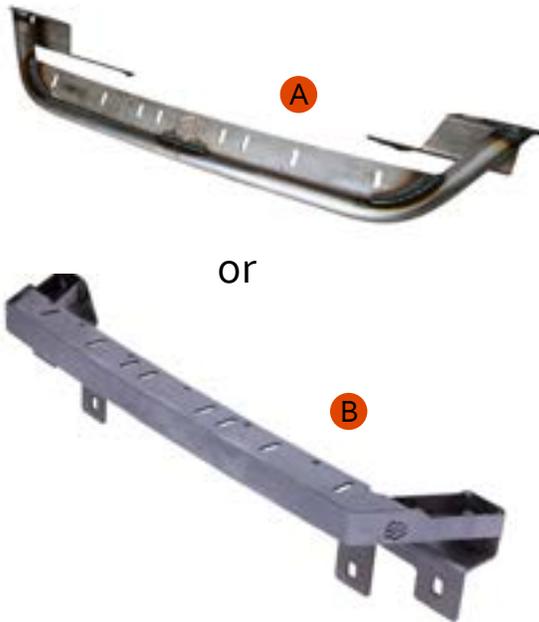
PRODUCT SPECIFICATIONS

| Product Name | Product ID | Product Size | Weight | Light Spacing Options |
|---|---------------------------|---------------------------------|--------|-----------------------|
| Bronco Grill Bar Standard / Capable Bumper | Tubular Version: 53031 | (1041 x 38.1)mm (41 x 1.5)in | 12 lbs | 3, 4, or 6 Light |
| Bronco Grill Bar Standard / Capable Bumper | Plate Version: 53069 | (965 x 50.8)mm (38 x 2.0)in | 16 lbs | 3, 4, or 6 Light |

Disclaimer:

Ford is a common law trademark and/or federally registered trademark of the Ford Motor Company in the United States and/or other countries.

INCLUDED IN THE BOX



- A** LM1 Tubular Grill Bar
- or
- B** LM1 Plate Grill Bar

REQUIRED TOOLS

-  Plastic Pry Bar
-  15mm Socket
-  Ratchet
-  Socket Extension

-  Painters Tape
-  Safety Glasses
-  Grab a Buddy, 2 Person Job

INTENDED USE

LMI Light Bars are intended to provide mounting options for aftermarket lighting solutions. For other applications, please contact a representative at **LMI**.

Any use other than the approved intended use described above is considered an unintended use. **LMI** cannot be held responsible for possible consequential damage caused by improper, incorrect or inadvisable use.

SYMBOLS USED

The following symbols are used in this manual to draw attention to specific topics or actions

WARNING

A warning indicates the possibility of injury to the user and/or damage to the product should the user not perform the procedures as described.

ATTENTION

A note alerts the user to potential problems which may occur if a procedure is not carried out as described.

INSTALLATION PREPARATION

Before beginning your installation, please ensure that you have received all components listed in the “Included in the Box” sections above. If you are missing anything please reach out to us.

Prepare your work space and gather all the required tools listed above. Place painters tape on the vehicle around the installation area to protect your vehicle.

ATTENTION

If you have elected to purchase a product with powder-coat, take caution not to scratch or chip the coating by placing the product on a protected surface.

WARNING

Fabricated products are made from heavy gauge steel and will frequently have sharp edges. If the product is dropped or slid across your vehicle, it can cause damage.

INSTALLATION

After your work space is prepared, install the **LMI** Grill Bar by completing the following steps.

1. Remove the covers (2 places) around the tow hooks with a prybar to gain access to the bumper mounting bolts.

WARNING

Take caution to not damage the cover (2 places) or the bumper paint.

2. Retain all 7 metal clips on the cover (2 places) for re-installation at a later step.

ATTENTION

The Bronco bumper is heavy and can be awkward to handle. Grab a friend to help!



3. Disconnect the fog light harness between the bumper and the vehicle by depressing the lock and pulling. The connector is located near the front passenger tire.



4. Remove the three 15mm bolts (2 places) located around the bumper tow points and retain for re-installation later



5. The bumper is now free to be lifted free of the vehicle.

WARNING

The bumper is heavy and awkward to lift. Use best practice and find a friend to help lift for your safety.

WARNING

Ensure that the bumper is laid on a soft surface to prevent damage to the paint.



6. Place the **LMI** Grill Bar (Tubular or Plate version) onto the bumper and align the bar mounting holes with the bumper mounting holes.

WARNING

Take caution to not damage the paint on the bumper as you place the **LMI** Grill Bar. It is good practice to use painters tape to protect the area.



7. With the **LMI** Grill Bar (Tubular or Plate version) in place, lift the Bronco bumper back into place and loosely install it with the three 15mm bolts (2 places). Adjust the bumper and **LMI** Grill Bar position into place and tighten the 15mm bolts (2 places) to 59 ftlb (80Nm).

WARNING

The bumper is heavy and awkward to lift. Use best practice and find a friend to help lift for your safety.



7. Reinstall the plastic cover around the tow points (2 places) by aligning the snap point and applying pressure. An audible click will be heard as the snaps move into position.

Reconnect the fog light harness by aligning the two connector halves and applying pressure. An audible click will be heard when the connector snaps into position.



8. The **LMI** Light Bar has a number of light mounting slots that set the light to light mount spacing for you. See the Product Dimensions section below for details. After you have installed lights in the orientation of your picking, there are several zip-tie mounting locations that will assist you in routing the wire harness.

Time to take your rig out for a test and show off your new light bar to your friends! Once again, thank you for your purchase. We hope you enjoy your newly installed product.

MAINTENANCE

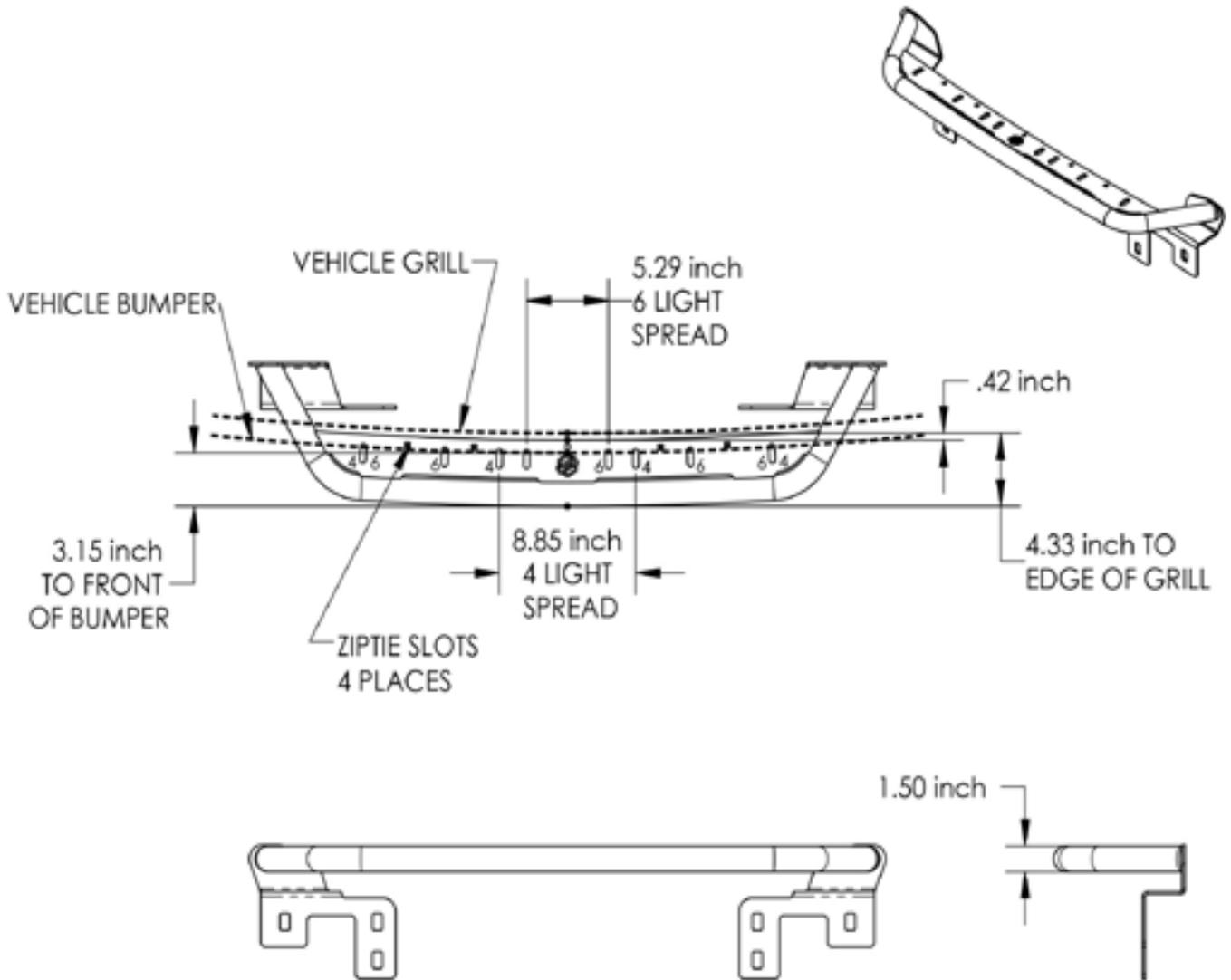
ATTENTION

Powder coat is a relatively durable coating. All our products are sand blasted prior to powder coating to ensure the bond is optimized. However, it is possible to chip or scratch the coating. When this happens, use metal bonding paint to touch up the damaged areas. This will prevent rust in the damaged area.

CLEANING

- **LMI** products can be cleaned using any standard automobile cleaning products.
- Never use solvents or petroleum-based cleaners as they will cause damage to the coating.

PRODUCT DIMENSIONS



PRODUCT DIMENSIONS

