



FORD SD UNIVERSAL GRILL BAR



FORD SD 250/350 (2017 +)

53074

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 effects this product may cause to your vehicle.

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PRODUCT SPECIFICATIONS

Product Name	Vehicle Fit	Product ID	Product Size	Weight	Light Spacing Options
Ford SD Universal Grill Bar	Ford Super Duty 250&350 2017+	53074	(1448 x 44.5)mm (57 x 1.75)in	18 lbs	4 or 6 Lights

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.

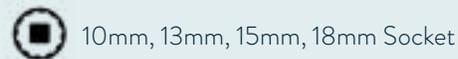
INCLUDED IN THE BOX

Several components are included in the product packaging, each of which is critical for your successful setup. If any parts are missing please reach out to us for assistance.



-  LM1 Bumper Mount Light Bar
-  2X 3/8-16 x 1.25in Bolt (not shown)
-  4X 3/8 Flat Washer (not shown)
-  2X 3/8-16 Lock Nut (not shown)

REQUIRED TOOLS



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 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** Light Bar by completing the following steps.

1. Remove the two bumper trim pieces around the tow hooks with the pry-bar to gain access to the bumper mounting bolts. Retain covers for re-installation at a later step.

ATTENTION

Use caution when removing the tow hook trim pieces. The snaps are delicate and break.

ATTENTION

LMI Light Bars are heavy and can be awkward to handle. Grab a friend to help!



2. Locate the bumper wire harness on the inside of the frame on the driver side. Unplug the harness.

ATTENTION

Take caution to not damage the cable when disconnecting the connector.



3. Remove the four 15mm bolts (two per side) from the bumper braces located in the fender wells on both driver and passenger sides of the vehicle. Retain hardware for re-installation at a later step.



4. Remove the eight 18mm bumper bolts (four per side) located in the tow hook cavities. Retain bolts and nut plates for re-installation at a later step.

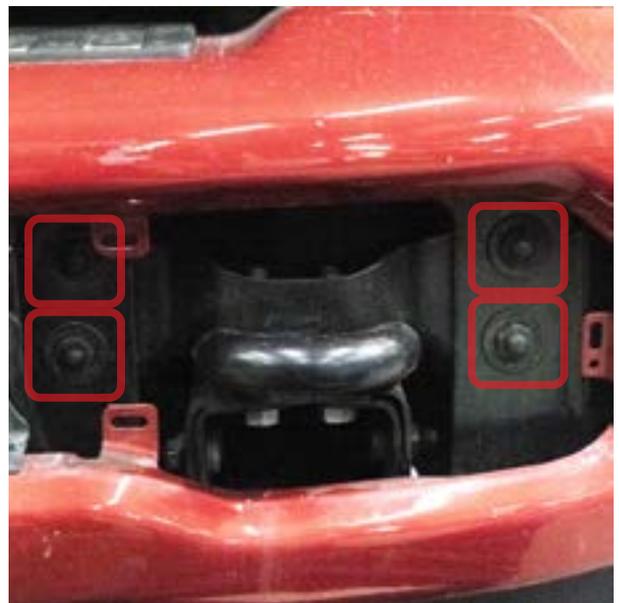
WARNING

The bumper is very heavy and unbalanced. Use a friend to remove it from the vehicle.

ATTENTION

The bumper can easily be scratched, when removing it from the vehicle place it on a moving blanket for protection.

Pay special attention to the wiring harness and ensure it is free from obstructions and disconnected prior to removing the bumper.



5. On the bumper, remove the two outside wiring clips that secure the OEM wire harness to the bumper to gain access to the light bar mounting location. Retain mounting clips for re-installation at a later step.



6. Place the **LMI** Light Bar in place on the bumper between the OEM wiring harness and the bumper. Align the bumper mounting holes with the **LMI** Light Bar mounting holes.

ATTENTION

Use caution to not damage the bumper with the **LMI** Light Bar. Place painters tape around the area for protection.



7. Install the **LMI** Light Bar onto the bumper using the provided 3/8-16 bolts, nuts and washers. Align the bumper mounting holes to the **LMI** Light Bar mounting holes as closely as possible. Adjust the **LMI** Light Bar position on the bumper as needed to ensure an even fit.



ATTENTION

The **LMI** Light Bar should not be making contact on the bumper when installed. There should have a 1/8-1/4" gap between the bumper and the **LMI** Light Bar. Verify there is a slight gap before tightening bolts. Verify each side, driver and passenger, is equal before tightening. These adjustments are very difficult once the bumper is replaced onto the vehicle.



8. Replace the two OEM wire harness mounting clips in the provided holes in the **LMI** Light Bar.



9. Re-install the bumper back onto the vehicle with the **LMI** Light Bar tightened in place. Reinstall the eight OEM fasteners and nut plates previously removed. The bumper is equipped with slots to allow alignment side to side and up & down. Adjust the position of the bumper to align it with the vehicle and tighten the bumper fasteners.

WARNING

The bumper is very heavy and unbalanced. Use a friend to place it back on the vehicle and align it.

ATTENTION

Pay special attention to the wiring harness and ensure it is free from obstructions and pinch-points prior to installing the bumper.

Ensure that the **LMI** Light Bar is located where you want it prior to final installation of the bumper.

10. Re-install the bumper braces using the previously removed four 15mm bolts (two per side) located in each of the front fender wells and tighten fasteners.

11. Re-attach the bumper wiring harness.



12. 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

