



# **15-20 Ford F-150 and 17-21 Ford Super Duty F-250 - F-550 Fog Light Brackets Part Number 10199**

How to install the 10199 Fog Light Brackets on a 2015-20 Ford F-150 or 2017-21 Ford Super Duty F-250 - F-550.

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## INTRODUCTION

This guide will walk through the correct installation procedure for the Grimm OffRoad F150/Super Duty Fog Light Brackets.

## Consumer Warning

All Grimm OffRoad products must be installed by a competent and qualified individual in accordance with the installation instructions intended for the product. Incorrectly installed products will void any warranties and may result in damage to the product or damage to the vehicle it was installed on. Read any provided instructions or guides and watch any available videos before attempting installation. If there are any questions, please contact Grimm OffRoad before starting installation.

Many products require the vehicle be properly raised and supported off the ground. The installer is responsible for confirming that this may be done in a safe manner and the correct equipment is available to perform the installation. Grimm OffRoad installation instructions assume the installer is able to properly and safely lift the vehicle.

Vehicles that have been modified will not perform the same as a stock vehicle. It is incumbent upon the owner of the vehicle to be aware of the differences the modifications will make to the driving characteristics of the vehicle. These may include (but are not limited to): changes in handling, braking, rollover angle, incompatibilities with the factory anti-lock braking systems, stability control systems, or traction control systems.

## Notes

- These light brackets are designed to be used with up to 3" diameter Rigid-style fog lights or smaller lights such as Baja Designs S2 Series.
- These light brackets will not fit 2021 models with led fog lights.



### TOOLS:

- [1/2" Socket/Wrench](#) (1)
- [Torque Wrench](#) (1)
- [Screw Driver \(Phillips\)](#) (1)
- [Trim Removal Tool](#) (1)




### PARTS:

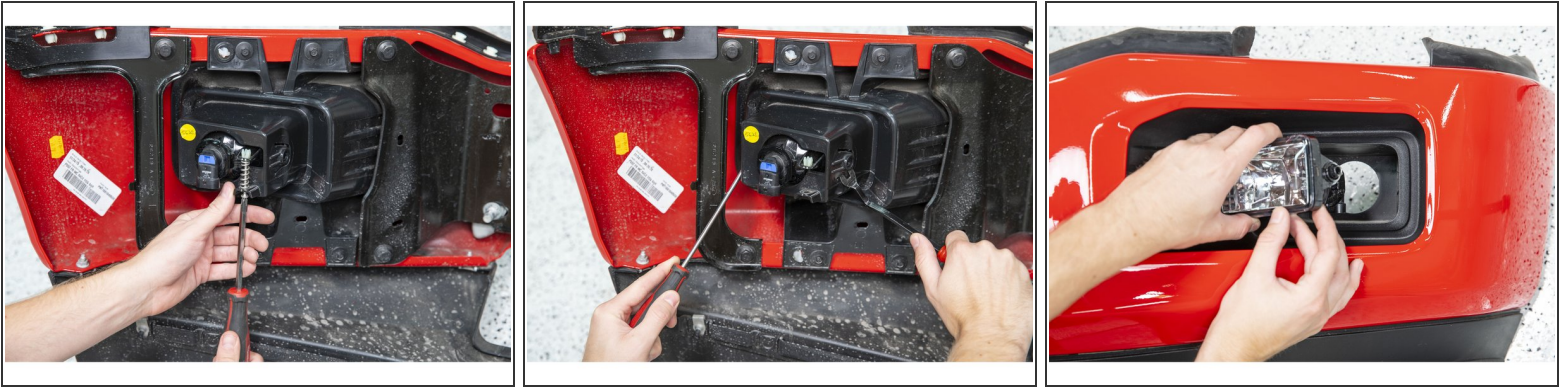
- [Fog Light Bracket](#) (2)
- [5/16-18 x 1" Stainless Round Head Carriage Bolt](#) (4)
- [5/16" Stainless Flat Washer](#) (4)
- [5/16-18 Stainless Nylock Nut](#) (4)

## Step 1 — Verify Parts



 Verify that all parts shown in the picture are present.

## Step 2 — Remove Stock Fog Light



**i** For this installation we have the bumper removed, but the procedure is the same with the bumper installed.

- Using a Phillips head screwdriver, remove the light adjustment screw.
- Unclip the sides of the stock fog light from the bracket using a trim removal tool or flat head screwdriver.

**⚠** Be careful not to damage the mounting clips as they will be reused for the new fog light mounting brackets.

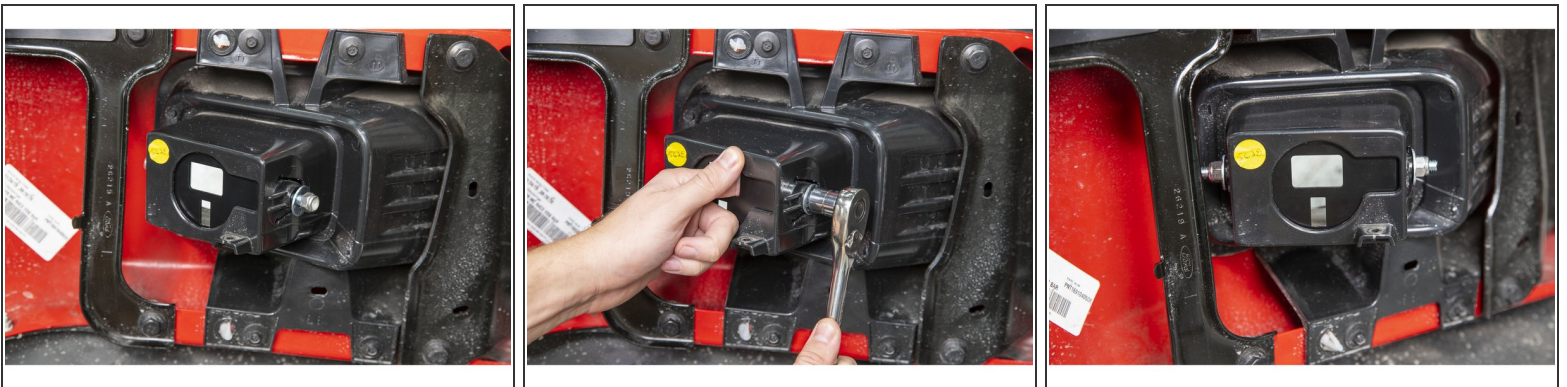
- Remove the fog light through the front of the bumper.

### Step 3 — Insert Fog Light Bracket



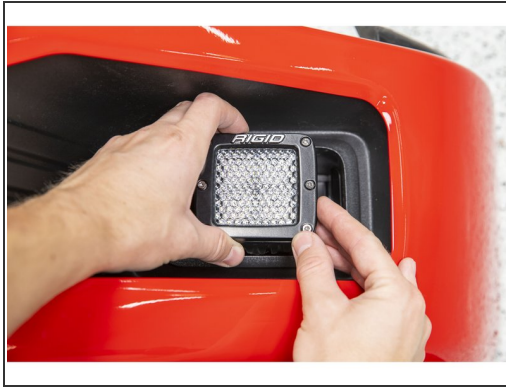
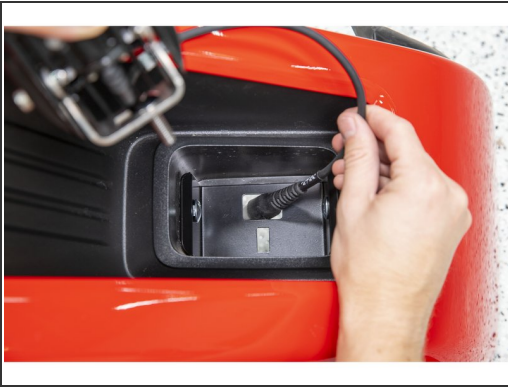
- Insert the Grimm OffRoad fog light bracket into the fog light pocket making sure that the larger hole in the back of the bracket is on top.
- Insert two of the 5/16" carriage bolts through the side holes in the Grimm OffRoad fog light bracket and through the retaining clips in the bumper.

### Step 4 — Install Fog Light Bracket



- Add a 5/16" washer and nylock nut to the two carriage bolts installed in the previous step.
- ⓘ With a 1/2" socket/wrench, torque the 5/16" nylock nuts to 132 lb-in (11 lb-ft) [15 N-m].

## Step 5 — Install Fog Light



- Install fog light into the fog light bracket following the light manufacturer's installation instructions.
- Repeat for other side.

Installation is Complete!