



Installation Instructions

Chevy and GMC 1500 Rear Bumper

Product Number: E3151

Application: 2014-2018 Chevy and GMC 1500 Trucks

SAFETY

Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

Read and understand all safety precautions and instructions before installing this product.

**THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR
INSTALLATION AND USE RESTS WITH THE OWNER.**

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY
OR EQUIPMENT DAMAGE.**

**SENSORS' FIELD OF VIEW WILL BE ALTERED WITH USE OF THE
REPLACEMENT BUMPER.**

Injury hazard

Failure to observe these instructions could lead to severe injury or death.

- Always remove jewelry and wear eye protection.
- Always use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always use appropriate and adequate care in lifting components into place.
- Always ensure components will remain secure during installation and operation.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always use extreme caution when cutting and trimming during fitting.
- Always tighten all nuts and bolts securely per installation instructions.
- Always route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical terminals.
- Always perform regular inspections and maintenance on mounts and related hardware.





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I. Overview

Congratulations on your new purchase of the industries' best and most stylish rear bumper available for the 2014-2015 Chevy/GMC 1500. This bumper has been designed to be lightweight and easily customized with the industry's highest quality accessories.

Your rear bumper designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A.

Enjoy the fit and finish of a quality Chevy/GMC 1500 rear bumper from Fab Fours Inc.





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Parts List

- Rear replacement bumper
- 50030-HW fastener kit
- Instruction Manual
- 10019 Wiring kit
- License plate lights Qty. 2
- Resistors Qty. 2
- Wiring Kit – 10019
- LED Rear Light Strip Kit - 61648

Tools Required

- Socket Wrench with Extension (Ratcheting wrenches may also be convenient)
- 3/4in, 15mm , 18mm , & 22mm Sockets and Box End Wrenches
- Hex Bit Socket for #8-32 Button Head
- Flat and Phillips Head Screwdrivers
- Floor Jack and wood block.

NOTE: PLEASE READ THE ENTIRE MANUAL BEFORE ATEMPTING INSTALLATION! Ignoring these steps will increase your probability of scratching the vehicle during product installation.





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II. Removal of Stock Bumper

- A. Remove license plate, and OEM license plate lights. Disconnect trailer receptacle. If equipped, unplug back-up sensor harness.
- B. Remove the two fasteners connecting the hitch to the stock bumper located on either side of the receiver with an 18mm socket. Using a 22mm socket disconnect the fasteners connecting the hitch receiver to the frame. Save hardware for reuse.





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- C. Remove the fasteners connecting the bumper mounts to the frame. This requires removing one bolt from the bottom of the frame (22mm socket/wrench) and three bolts from the side of the frame (22mm and 15mm socket/wrench). Save hardware for reuse.





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- D. Remove OEM bumper by pulling it rearward away from the truck.
- E. Remove OEM Spare Tire Access Cover and Trailer Plug from the OEM bumper. Set aside for reinstallation.
- F. Re-install Hitch Receiver.



III. Rear Bumper Installation

1. **FOR SENSOR BUMPER INSTALLATION ONLY:** Place the OEM sensor housings into your Fab Fours Vengeance Plate Bumper. **DO NOT EPOXY AT THIS TIME.**

Due to the angled design of the clips, Fab Fours recommends that you angle the sensors upwards so that the sensors do not read the ground. You will need to test the sensors in this configuration after installing the bumper.

2. Replace the OEM bumper with the Fab Fours Vengeance Plate Bumper. First, reattach the now missing trailer hitch bolts with the provided $\frac{1}{2}$ " hardware. Then, use the $\frac{1}{2}$ "x1 $\frac{1}{2}$ " long fasteners and a $\frac{3}{4}$ " wrench to fasten the bumper mounts to the frame rail in the OEM mounting locations. Do not fully tighten.





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3. Level and align the bumper in relation to the truck bed. Fully tighten all fasteners.
4. Slowly lower the tailgate to ensure there will be no interference. If required, loosen the frame/bumper bolts and adjust alignment of the bumper.
5. Install trailer plug receptacle. The stock plug receptacle must be drilled with a 7/32 drill bit (1/4 is acceptable) using the shown impressions in the receptacle as guides. Attach with the provided #8 hardware.



Figure 5





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Figure 6

6. Reinstall license plate with provided plastic inserts
7. Install provided license plate lights. *When experiencing a hyper flash or when replacing halogen lights with led lights a resistor should be used. The resistor will wire into the positive power supply to the light and the negative side of the ground supply to the light.



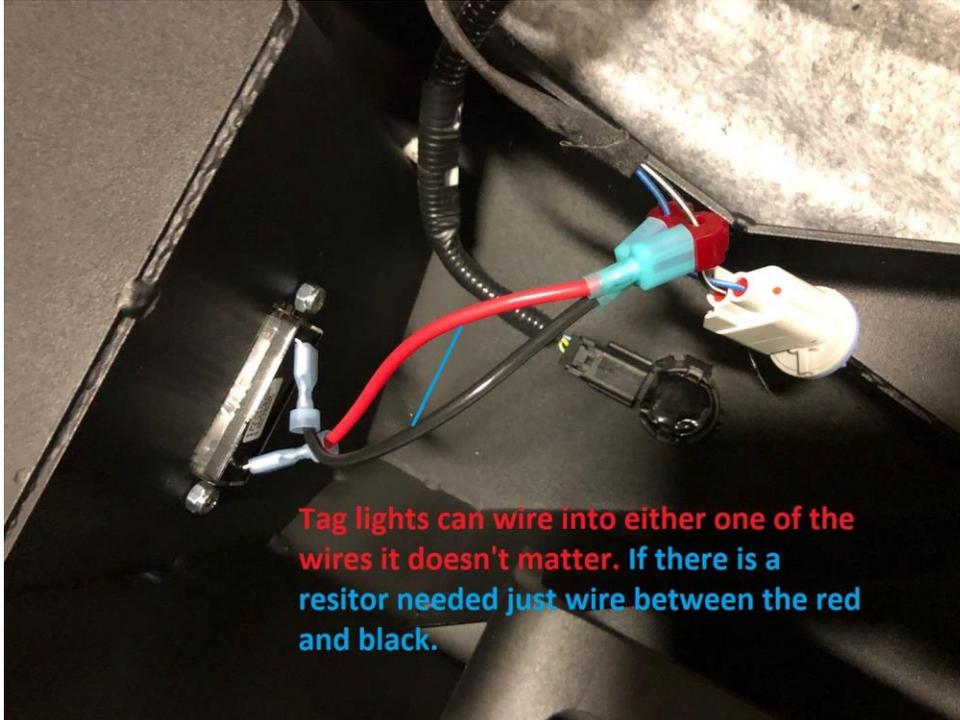


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8. Prep the area shown below and attach the red LED light strip in the location shown. Wire as desired.





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9. Secure all loose wiring and harnesses to the frame or bumper with zip ties.
10. **FOR SENSOR BUMPER INSTALLATION ONLY:** Install the sensor harness back into the housing clips and plug the OEM sensor harness into the truck. Test the sensors to ensure that the truck does not read the ground or any give off any errors.

Once the testing is complete, epoxy the sensors into place. **DO NOT EPOXY THE SENSORS, ONLY THE HOUSINGS.** After the epoxy sets, plug the sensors back in using the configuration shown below. Failure to attach the harness in the recommended configuration could cause sensor issues.





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III. Maintenance/Care

- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent bolts or nuts need to be replaced.
- After washing of the vehicle make sure to fully dry all surfaces

IV. Contact Information

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