



Installation Instructions

2019 Chevy and GMC 1500 Rear Bumper

Product Number: E4050, E4051
Application: 2019+ Chevy and GMC 1500 Trucks

IMPORTANT SAFETY GUIDE

- Your safety and the safety of others is very important.
- In order to help you make informed decisions about safety, we have provided the following warnings, safety precautions, installation instructions, and other important information to alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis before each task to identify potential hazards for your situation and remove/protect against them.
- Use own good judgment and take your time.
- Check packaged materials immediately upon arrival to ensure that all listed parts are included and undamaged.

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

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

WARNINGS

- Failure to observe the following warnings and instructions provided in this manual could lead to severe injury and/or death.
- For professional installation only. Careless installation and/or operation can result in serious injury, death, and/or equipment damage. All liability for installation and use rests with the user or consumer.
- Fab Fours, Inc. Only approves installing this product according to these written instructions with the hardware provided. Failure to install according to these instructions will invalidate the warranty. This includes, but is not limited to, using alternative installation methods, hardware, or materials.
- This product is for off road use only.



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SAFETY PRECAUTIONS

- 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 a vehicle. Always disconnect power before welding. Thoroughly inspect the area to be drilled (on both sides of material when possible) prior to drilling, and relocate any objects that may be damaged.
- Always use extreme caution when welding a vehicle. Thoroughly inspect the area to be welded (on both sides of material when possible) prior to welding, and relocate any objects that may be a fire hazard. When welding in a cab, make sure the interior surfaces are covered (*e.g.*, welding blanket) and a fire extinguisher is at hand.
- 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.
- Perform regular inspections and maintenance on mounts and hardware.
- Tire may rub at max turn or articulation.



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Congratulations on your purchase of the industries' best and most stylish GM 1500 Rear Bumper! This bumper has been engineered for strength while keeping the weight down.

This product has also been engineered to allow alignment in two directions, so you end up with a very professional fit.

Your bumper was designed in 3-D, fabricated, and powder coated... all in the U.S.A.

Enjoy the fit and finish of a quality GM 1500 Rear Bumper from Fab Fours Inc!





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TOOLS REQUIRED

- Socket Wrench with Extensions
- 5/8", 11/16", 13mm, 15mm, 18mm, & 21mm Sockets
- 5/8", 11/16", 13mm, 15mm, 18mm, & 21mm Box End Wrench
- Cut off wheel
- 1/4" Allen key

PROVIDED MATERIAL

Fab Fours ID	Component Description	Qty
50165	#8-32 x 3/4", BHCS , SS, 18-8	4
50165	#8-32 x Nylock, Hex Nut , Zinc, GR2	4
50165	#8 SAE FLAT WASHER STL ZINC	4
50165	7/16-14 X 1 1/2 BUTTON SOCKET CAP 18/8SS	2
50165	7/16-14 FINISHED HEX NUT 18/8SS	2
50165	7/16 SPLIT LOCKWASHER 18/8SS	2
50165	7/16"-14 x , Hex Nut , Zinc, GR8	2
50165	7/16"-SAE x , Lock Washer , Zinc, GR8	2
50165	7/16"-SAE x , Flat Washer, Zinc, GR8	4
50165	7/16"-14 x 1.5", HHCS , Zinc, GR8	2
50165	7/16"-SAE x , Flat Washer, 18/8SS	4
61648	Light Strip	1
61632	Epoxy	2



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REMOVAL OF OEM BUMPER

1. Remove license plate.
2. Disconnect trailer receptacle.
3. If equipped, unplug back-up sensor / light harness from truck.
4. If equipped, remove sensors from behind license plate from bumper.
5. Using a 13mm wrench, remove the two (2) bolts attaching the stock bumper to the factory trailer hitch located behind the license plate. **(Figure 1)**

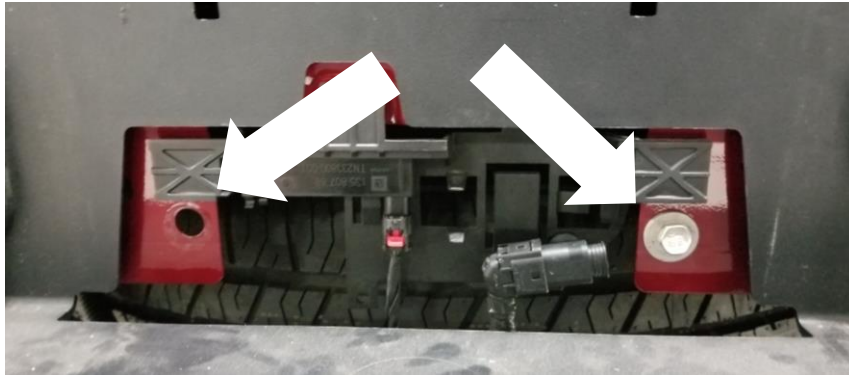


Figure 1

6. Remove the 2(one per side) 13mm bolts attaching the side wings of the bumper to the bumper support rods. **(Figure 2)**

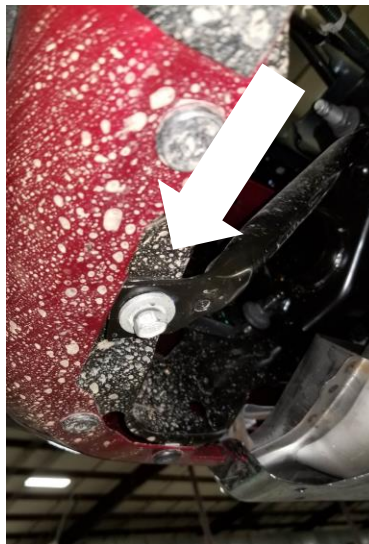


Figure 2



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- Using a 19mm socket, remove the four (4) OEM nuts (two per side) attaching the stock bumper to the chassis. **(Figure 3)**



Figure 3

- Remove OEM bumper from the truck.
- Using a 21mm socket, remove the bumper support rods. **(Figure 4)**



Figure 4



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10. Remove the OEM electrical harness from bumper by removing the push pins. (**Figure 5**)

NOTE: Document the location of each sensor housing for reference when reinstalling into your bumper.



Figure 5

11. Remove the sensor from the sensor housing by expanding both sides of the sensor housing and lifting up. (**Figure 6-7**)

NOTE: Sensors are extremely delicate and must be handled with care!
Do not push on face of sensors to remove!



Figure 6



Figure 7



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12. Remove the sensor housing from the bumper by depressing the four (4) tabs while pulling outward from the outside of the bumper. **(Figure 8-9)**

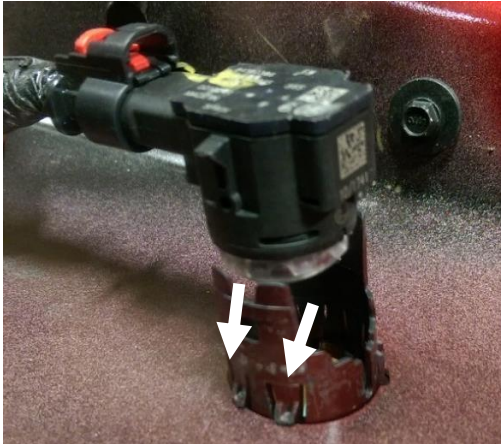


Figure 8



Figure 9

13. Remove spare tire access cover, license plate plastic inserts, tag light housings with clips and trailer plug from the OEM bumper. Set aside for reinstallation.

PRE-INSTALLATION

1. Using a cut off wheel or similar, remove the bumper supports from the top of the receiver hitch. **(Figure 10-11)**



Figure 10



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Figure 11

INSTALLATION

1. **FOR SENSOR BUMPER INSTALLATION ONLY:** Install the sensor housings into the appropriate slots by inserting each housing from the outside of the bumper in.

NOTE: The driver side outer sensor housing will install into the driver side inner sensor location. The passenger side outer sensor housing will install into passenger side inner sensor location. DO NOT EPOXY AT THIS TIME.

2. Replace the sensors in the appropriate housings and zip-tie any loose harness to the bumper
3. Install the OEM tag light housing into the bumper using the OEM hardware.
4. Insert the trailer plug receptacle to the bumper and mark the bolt locations for drilling. (Figure 12)

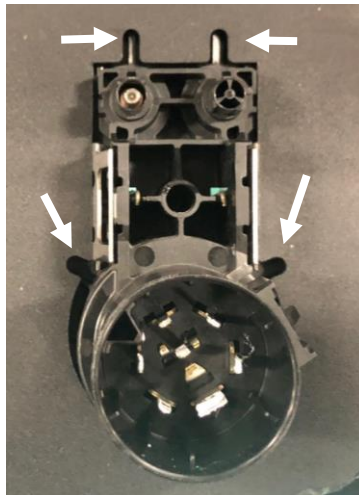


Figure 12



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5. Remove the trailer plug receptacle and using a 7/32" drill bit, drill out the trailer plug receptacle
6. Install the trailer plug receptacle with the provided #8 hardware.
7. Reinstall license plate with OEM plastic inserts.
8. Reinstall the OEM spare tire access.
9. Attach the provided light strip to the inside of the bumper above the Fab Fours logo. **(Figure 13)**

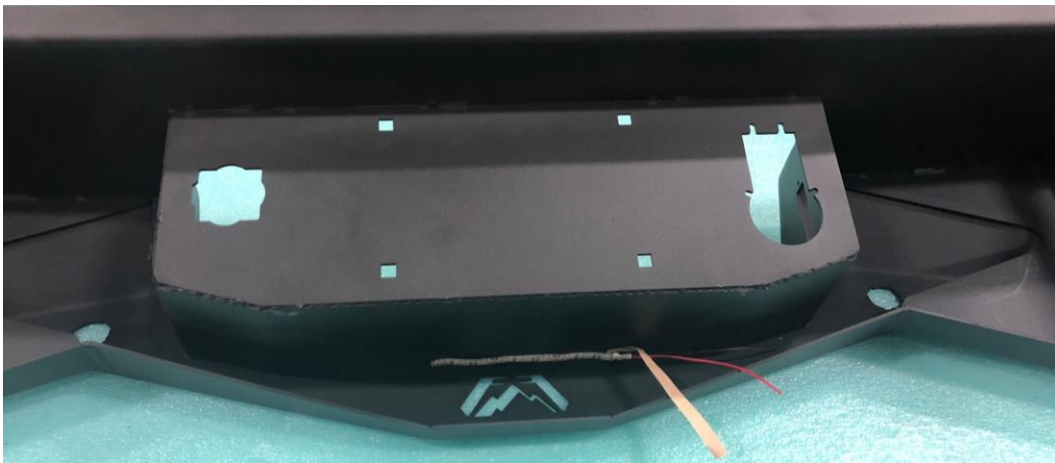


Figure 13

10. Wire the light strip into the electrical harness as desired.
11. Lift your bumper into place and install one (1) 7/16"x1.5 button head bolt, flat washer, lock washer and nut provided in the hardware kit, on each side. **(Figure 14)**



Figure 14



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12. Loosely install the 7/16"x14 button head bolt, flat washer, lock washer and hex nut in the inside of the bumper for each side. **(Figure 15)**



Figure 15

13. Level the bumper and fully tighten all hardware.

NOTE: Lower the tailgate to ensure there is no interference (including GMC step tailgate) with the bumper. If needed, loosen bumper and readjust.

14. **FOR SENSOR BUMPER INSTALLATION ONLY:** Test the sensors to ensure that the truck does not read the ground or any give off any errors.
15. Once the testing is complete, epoxy the sensors into place.

NOTE: Do not epoxy the sensors, only the housings.



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MAINTENANCE/CARE

- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent bolts or nuts need to be replaced.



More than expected... Better than expected.