



# Installation Instructions

## 15 GMC HD Premium Front Bumper

Product Number: A3150, A3151, A3152

Application: '15 GMC HD

## 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.**

## 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 insure 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 Front Bumper available for the 2015 GMC Heavy Duty! This Bumper has been engineered for strength while keeping the weight down.

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

Enjoy the fit and finish of a quality GMC HD Front Bumper from Fab Fours Inc.





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### Parts List

- A315X replacement bumper
- A315X brackets (20679 and 20680)
- A305X-HW fastener kit
- Fog lights and turn signals (61349 and 61350)
- Welded bolt strips (20296)
- Instruction Manual (This)

### Tools Required

- Socket Wrench with Extension (Ratcheting wrenches may also be convenient)
- 7mm, 10mm, 15mm, 18mm, 19mm, 3/4 Sockets and Box End Wrenches
- Flat head screw drivers
- Floor jack, jack stands, and/or a wood block.
- 9/16 drill bit w/ drill

## II. Removal of OEM Bumper

**Note: Save all OEM parts until installation is complete!**

- A. Open hood and locate the twelve push pins on radiator cover. Using a flat head screw driver or similar tool, pull the head of the push pins up, remove push pin and lift radiator cover off. This will allow access to top grill bolts (Ref. Figure 1).



Figure 1







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B. Remove the fasteners connecting the grill to the frame with a 10mm socket. Four bolts are located at the top of the grill, two on each side (Ref. Figure 2a-b). There are multiple clips holding the grill to the vehicle.



Figure 2a-bolts on LH side

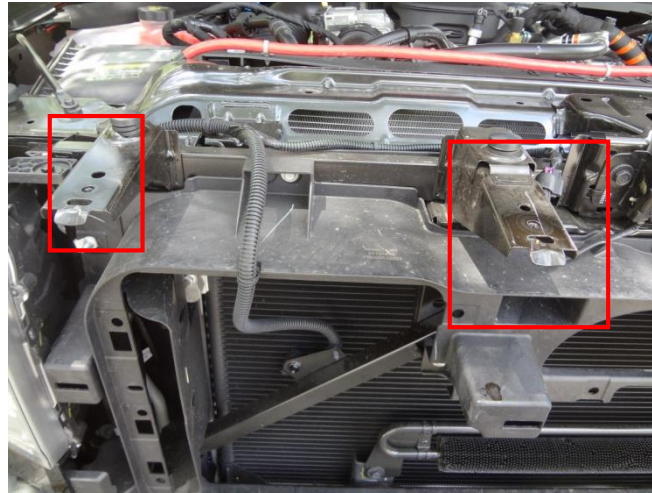


Figure 2b-grill removed-bolt locations RH



Figure 2c- example of clip holding grill





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- C. Disconnect electrical harness (Ref. Figure 3a) from vehicle and remove tow hooks. Tow hooks are mounted with one cross bolt through the side and a bolt through the bottom of the frame (Ref. Figure 3b).



Figure 3a (TOW HOOK & OEM MOUNTING BRACKET)

- D. Remove bolts connecting bumper to mounting bracket (Ref. Figure 3a circles). There are two bolts on each side which require a socket wrench with an extension to easily reach from top and bottom. (Ref. Figure 3a-b). Carefully pull bumper away from vehicle.





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Figure 3b (BOLT ACCESS FOR TOP BOLT ON MOUNTING BRACKET)

- E. Remove the fasteners connecting the OEM mounting bracket to the frame. Using a socket/wrench remove four bolts from the front of bracket connected to the bumper. Repeat process on each side of vehicle.
- F. Remove OEM electrical harness from bumper. Disconnect harness from fog lights and sensors. Pop out the three plastic clips holding fog lights to fog light housing and carefully pull away. The plastic clips are indicated by a circle. Unbolt bumper support frames as necessary to more easily access sensors (Ref. Figure 6).



Figure 6

### III. Pre-Installation

**NOTE: The following installation steps apply to the installation of the Front Bumper. 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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- A. Remove the bumper from the shipping carton. Lay all items out on a blanket to prevent damage to the powder coating.
- B. Install the provided Fab Fours fog lights using the provided hardware kit. The wiring diagram for the fog lights can be found in section VI.



Figure 7

- **Optional:** If installing winch and roller fairlead into bumper, do it at this time. Follow the winch manufacturer's instructions for installation.

### IV. Front Bumper Installation

- A. Mount bracket to truck frame. Two bolts pass through the sides of the frame. One bolt passes through the bottom of the frame (Ref. 8a-b). Mount on both sides. If holes on the side of frame are out of tolerance then enlarge hole with 9/16 drill as needed on side of frame.





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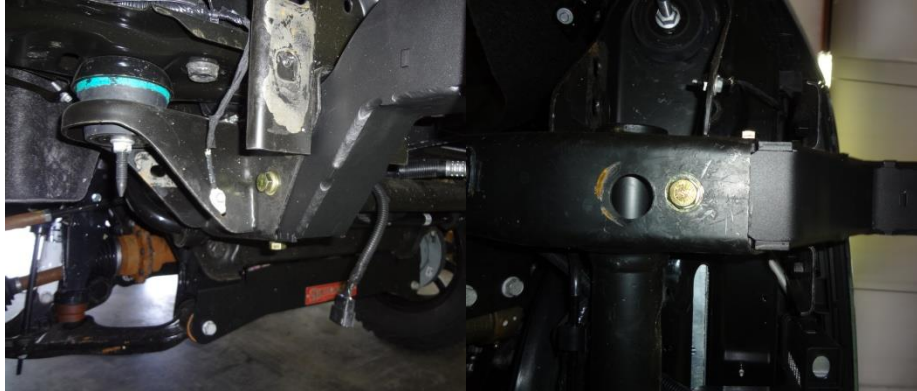


Figure 8a

Figure 8b

- B. **Mount bracket to bumper. With the help of at least two others, and possibly a floor jack to support the center of the bumper, lift the Fab Fours bumper into place.**
- C. **Insert the bolt strips from the inside facing out and tighten. Do Not Fully Tighten, Hand Tighten Only!**
- D. **Align the bumper side to side and top to bottom to ensure a perfect fit to the truck. Allow clearance to all painted surfaces, this is to allow for frame flex.**
- E. **Fully tighten all fasteners between bumper and bracket.**
- F. **Enjoy your New Front Replacement Bumper from Fab Fours!**







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### *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



More than expected... Better than expected





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### VI. Fog Light and Turn Signal Wiring

1. Disconnect the battery of your truck.
2. With a flathead screwdriver, remove pins attaching upper shroud. Remove the shroud.
3. Using a 10mm wrench, remove the 4 bolts attaching the grill and remove grill by pulling forward.
4. After removing the grill, remove the front 10mm bolt and two 7mm bolts located on the inside and outside of the wheel arch. Remove under headlight trim.
5. Remove the remaining 10mm bolts on the top of the headlight pod and two bolts on the front of the pod that are now exposed. Headlight should now slide forward.
6. To completely remove, disconnect the headlight wiring harness.
7. Using the provided hardware, splice the wires using the wiring guide below.
8. Connect headlight and wires and fog light/turn signal wires.
9. Reattach headlight pods to truck.





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### Wire Colors

Component	Fab Fours Color	OEM Corresponding Color
Turn Signals	Green	Blue W/ Stripe (LH)
		Green W/ Stripe (RH)
	White	Purple W/ Stripe (LH)
Fog Lights	Red	Grey W/ Stripe
	Green	Black (ground)
	Red	Brown W/ Stripe
	Red	Black (ground)

