

INSTALLATION MANUAL
PINNACLE FRONT BUMPER
PRODUCT NUMBER: P6151
APPLICATION: 2024 CHEVY HD

Fab Fours
MADE IN THE USA

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 MAY 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.

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.

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A MESSAGE FROM THE OWNER



Fab Fours' was born out of a passion for customizing vehicles and a love of the outdoors. Our engineering team uses the latest 3D design software to turn new product ideas into reality. In our factory, designs come to life with the combination of cutting edge technology for metal cutting and forming and an American workforce that puts its' heart and pride into every product.

From design and manufacturing, to quality and delivery, Fab Fours' mission is to be the market leader for steel truck and jeep accessories. We make sure a quality product is delivered on time, more than expected, better than expected to our customers.

Enjoy your new Fab Fours product. Welcome to the family!

Greg Higgs

FOUNDER, FAB FOURS

GETTING STARTED

Before you begin the installation process of your new Fab Fours product, we suggest laying out all materials and parts on a pad or protective surface.

Failure to fully account for all components before beginning installation may leave vehicle immobile until part is acquired. Refer to the next pages as an inventory check.

PROVIDED MATERIALS



23580 – BUMPER SHELL



23581 – LIGHT BAR MESH



23578 – L-BRACKETS QTY:2

REQUIRED TOOLS

- 7MM SOCKET WRENCH
- 13MM SOCKET WRENCH
- 15MM SOCKET WRENCH
- 18MM SOCKET WRENCH
- T10 STAR HEAD SOCKET WRENCH
- 3/8” SOCKET WRENCH
- 5/16” SOCKET WRENCH
- 1/2” SOCKET WRENCH
- PLYERS
- BODY PRY TOOL

ASSISTANCE

We recommend two people perform the installation as items are heavy and may need to be held in place while installing.

ORGANIZATION

Disassemble the vehicle where you can catalog and store everything. We suggest labeling and bagging all the OEM bolts when removing from the vehicle. Failure to keep track of parts could lead to an inability to properly reinstall components.

HARDWARE KIT | 50545-HW

IDENTIFICATION NUMBER	COMPONENT DESCRIPTION	QTY
50545-HW	M6-1.0 BLACK BUTTON HEAD SCREW	10
50545-HW	M6 FLANGE HEX NUT	10
50545-HW	1-3/16” BLACK NYLON PLASTIC PLUG	4
50545-HW	242 LOCTITE	1

DISASSEMBLY & INSTALLATION

1. Use a T10 star head socket wrench to remove the two (2) bolts from both the passenger and driver side wheel wells. Figure 1.

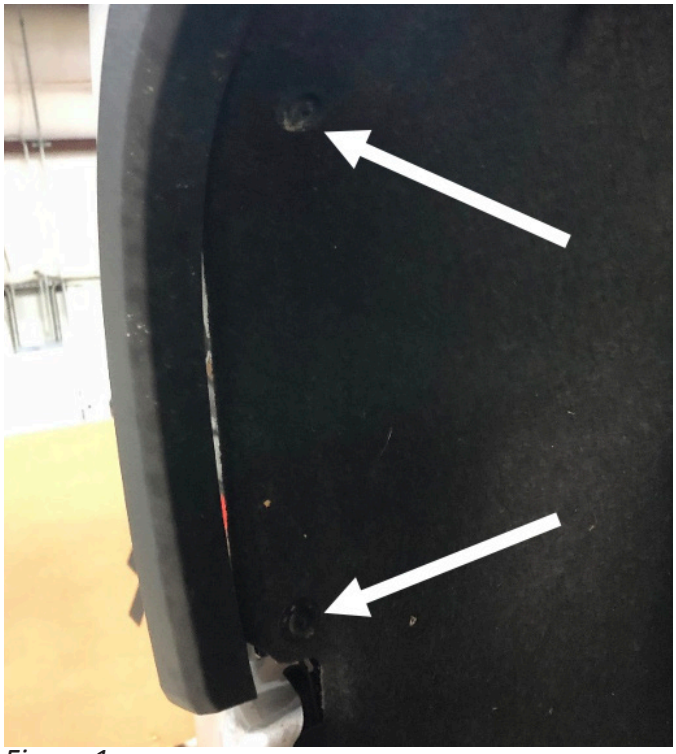


Figure 1

2. Use a body pry tool to carefully remove the front of the fender flare away from the body. Use a 7mm socket wrench to remove the bolt on the valance. Figure 2.



Figure 2

3. With the 7mm bolt removed use a body pry tool to remove the valance from the truck. Figure 3.



Figure 3

4. Use a 10mm socket wrench to remove the two (2) bolts at the base of the grill. Figure 4.



Figure 4

5. Use a body pry tool to remove the nine (9) push pins holding the grill cover. Figure 5.

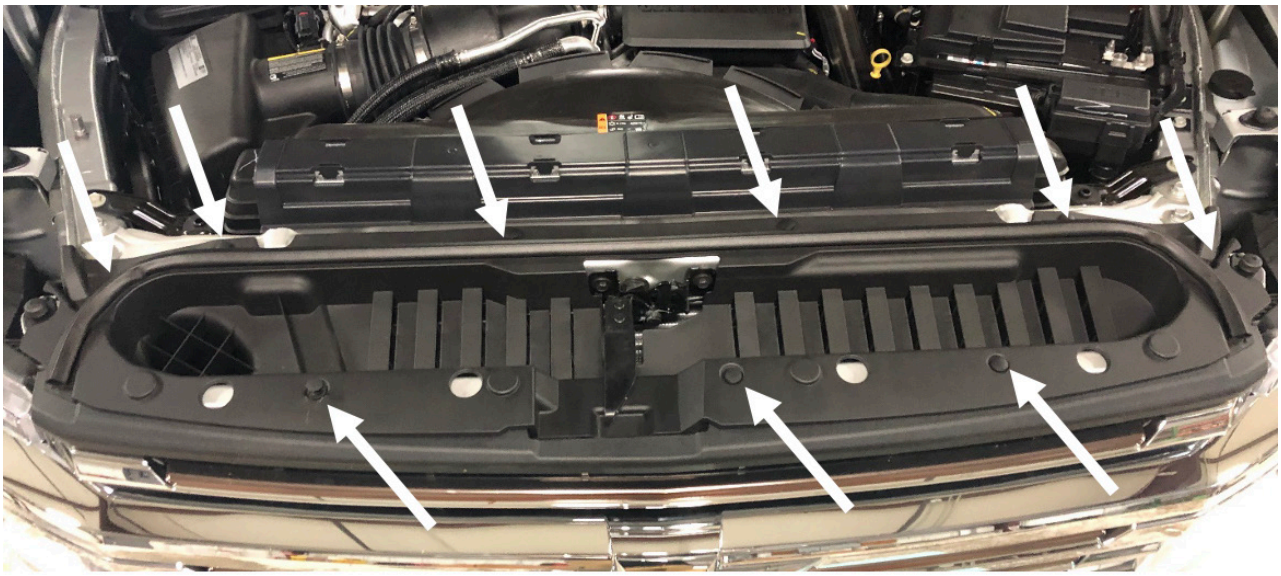


Figure 5

6. Use a T10 socket wrench to remove the two bolts holding the hood latch on. With the hood latch taken off you can remove the grill cover. Figure 6.



Figure 6

7. Use a 10mm socket wrench to remove the four (4) bolts on the top of the grill. Figure 7.

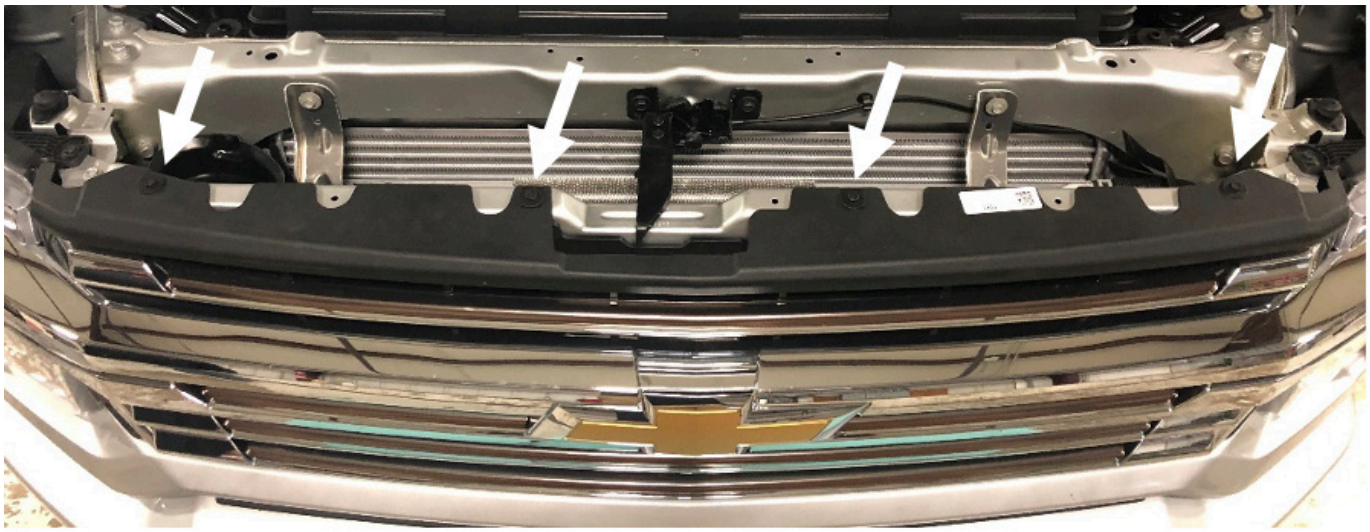


Figure 7

8. With the bolts removed, carefully take the grill off the truck. While taking off the grill, unplug the camera harness on the passenger side of the truck. Figure 8.



Figure 8

9. From under the truck: use a 15mm socket wrench to remove the two (2) back bolts on the bumper support bracket on both sides. Figure 9.

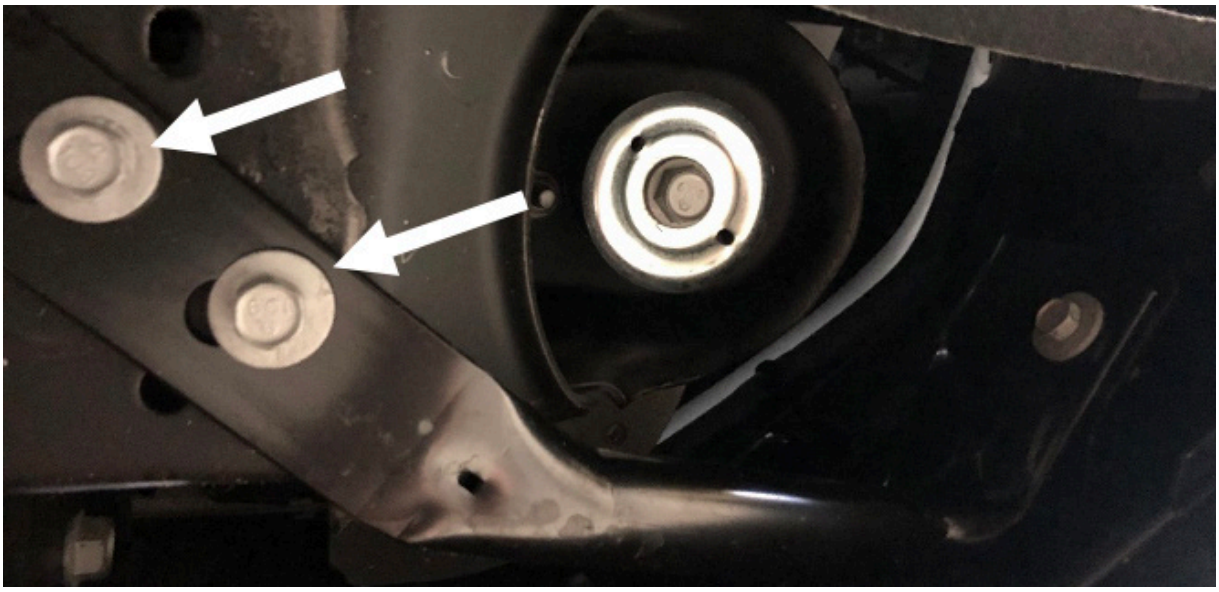


Figure 9

10. With the grill gone you can access the bumper mounting bolts on the top deck. Use a 15mm socket wrench to remove the two (2) bolts one of the top (Figure 9) and one on the bottom (Figure 10). The bumper can now be removed from the truck. Figure 10-11.



Figure 10

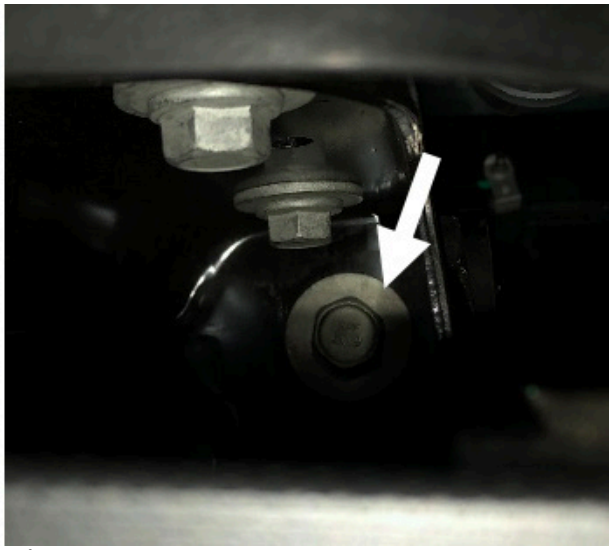


Figure 11

11. As you remove the bumper, unplug the sensor and heater plug harnesses located on either side of the truck. Figure 12.

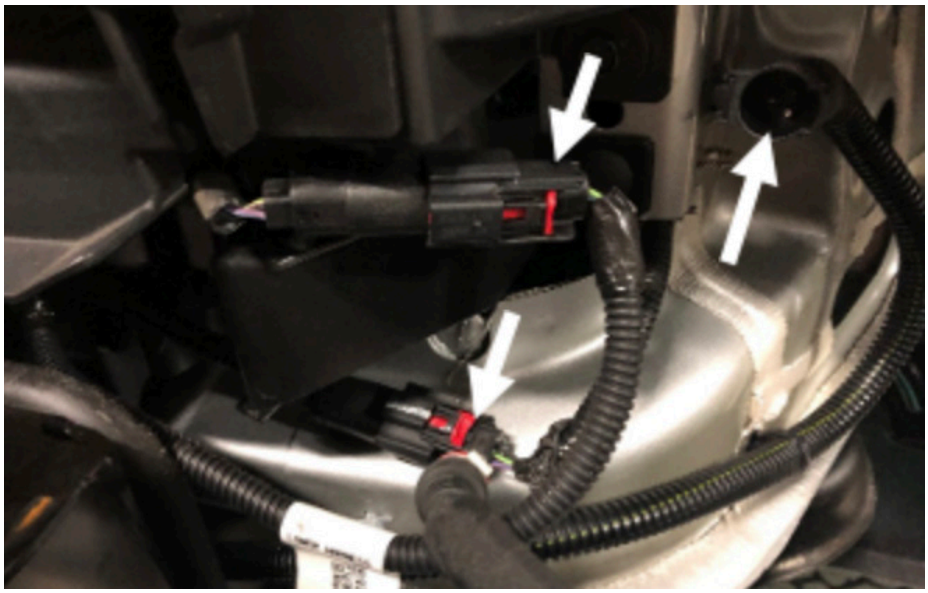


Figure 12

12. If equipped, remove the factory tow hooks by using an 18mm socket wrench to unfasten the two (2) bolts in the frame. Figure 13.

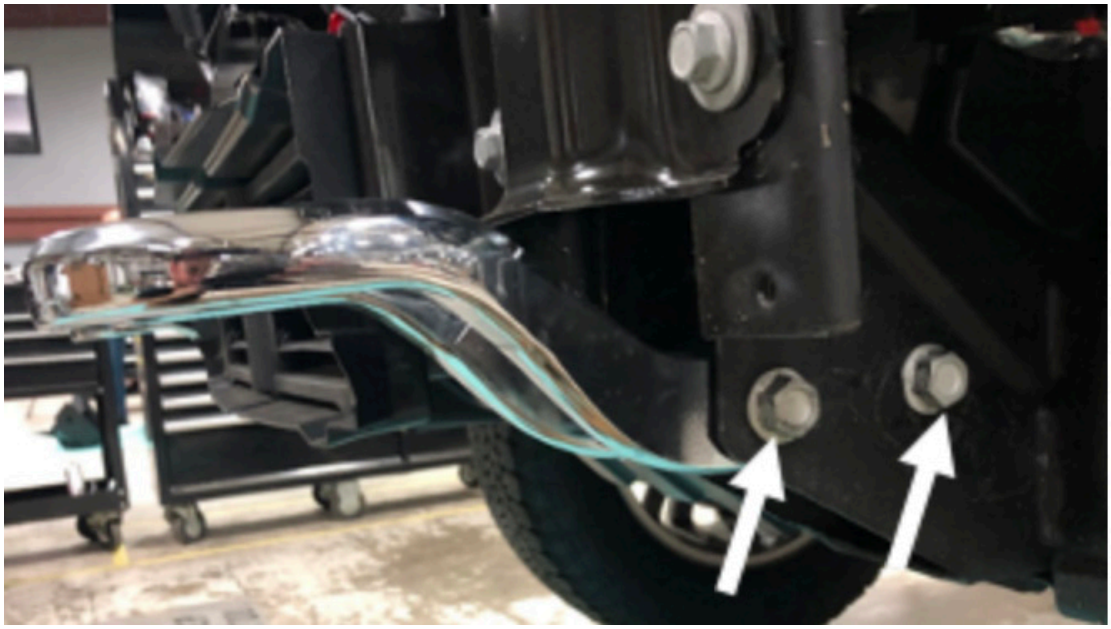


Figure 13

13. Use a 15mm socket wrench to take four (4) bolts holding the mounting plates to the frame horns. Save these bolts for later use. Figure 14.

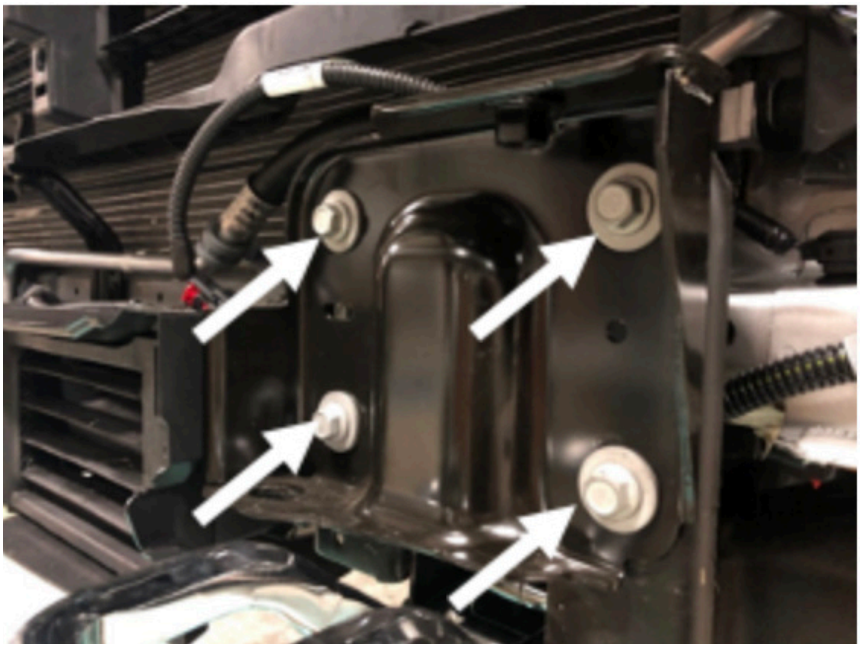


Figure 14

14. If equipped, remove the engine heater plug located on the driver side of the truck bumper. Push the bumper in against the spring and turn counterclockwise, once unclipped pull out from the bumper. Figure 15.



Figure 15

15. Carefully remove the four sensors and sensor housings from the bumper by spreading the housing clips out and pushing the sensor out simultaneously. Make sure to mark the position of each housing for installing into the Fab Fours bumper. Figure 16.

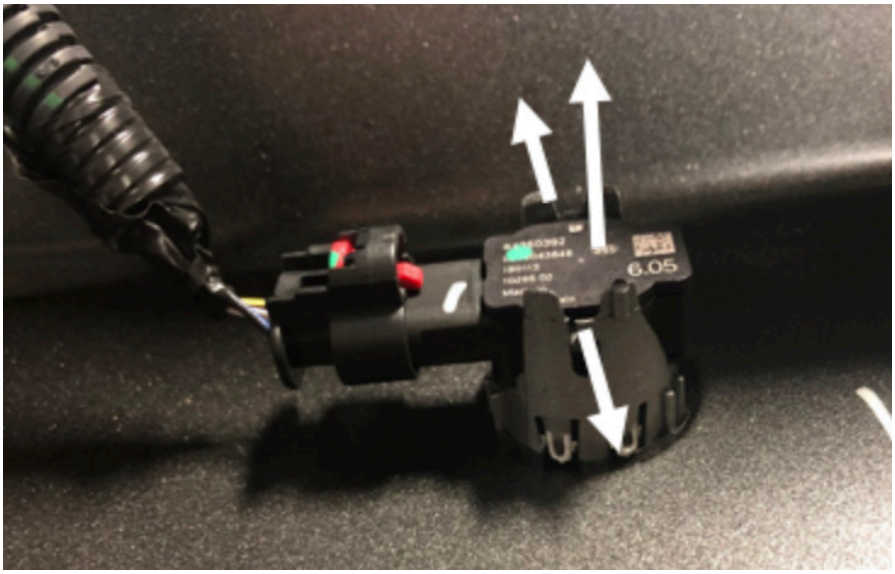


Figure 16

16. Remove the sensor housings from the bumper by pressing the retainer clips in on the sides and pushing the housing out. Figure 17.

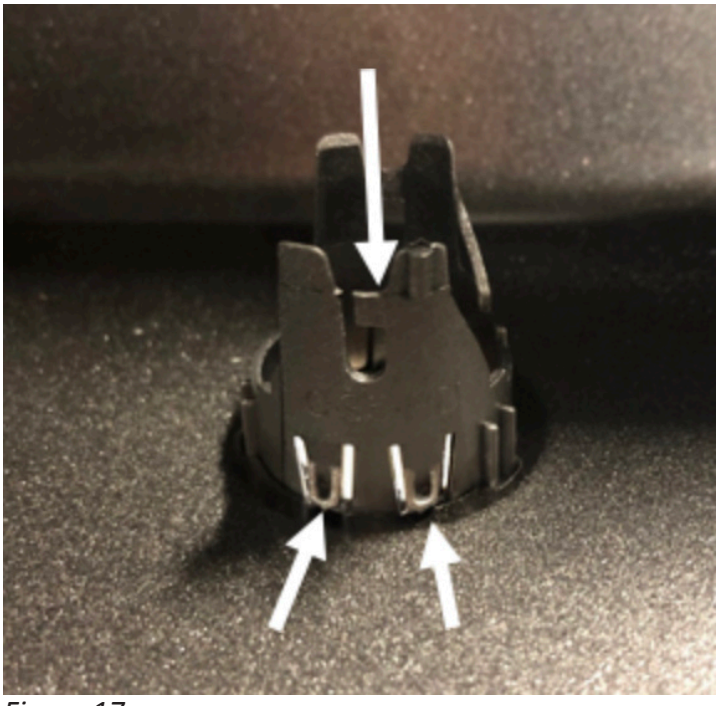


Figure 17

17. Place the sensor housing into the Fab Fours bumper and secure them using duct tape on the front. On the inside of the bumper coat the edges of the housings with the epoxy packets provided. Let epoxy set before installing the sensors. Figure 18.



Figure 18

18. Use the provided 8x black M6 button head screws with flange nuts to attach the light bar mesh plate along the border. Figure 19.



Figure 19

19. If installing a 20” light bar: Use the 2x provided L-brackets (23578) and 2x button head screws with flange nuts to install it to the mesh plate from step 18. Figure 20.

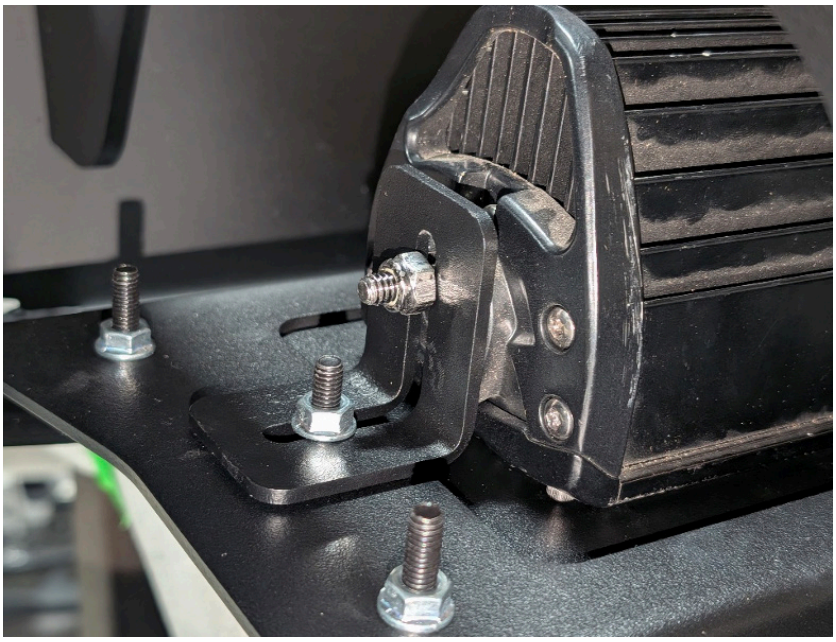


Figure 20

20. Install the engine block heater plug from step 14 into the Fab Fours driver side bracket. Figure 21.



Figure 21

21. Install sensors into housings and route the harness through the brackets. Figure 22.



Figure 22

22. With assistance, hold the bumper to the truck. Use the OEM bolts removed during step 13 to fasten the bumper in place. Figure 23.



Figure 23

23. Reinstall the OEM tow hooks using its hardware removed in step 12. Figure 24.



Figure 24

24. Plug in all harnesses and fully tighten all mounting hardware.

CONTACT INFORMATION



FAB FOURS INC.
2213 INDUSTRIAL PARK ROAD
LANCASTER, SC 29720

PHONE: (866) 385-1905
FAX: 970-385-1914
EMAIL: SUPPORT@FABFOURS.COM
FABFOURS.COM

"IF YOU'RE LOOKING FOR MORE OF THE SAME,
THEN YOU'VE COME TO THE WRONG PLACE."

- GREG HIGGS

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