



**INSTALLATION MANUAL**  
**GLADIATOR STANDARD REAR BUMPER**  
**PRODUCT NUMBER: Y1952**  
**APPLICATION: 2020 JEEP GLADIATOR**



## **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.**

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### **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.

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# A MESSAGE FROM THE OWNER

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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

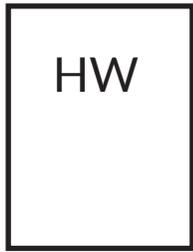
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Before you begin the installation process of your new Fab Fours product, we suggest laying out all materials and parts on a pad or protective surface.

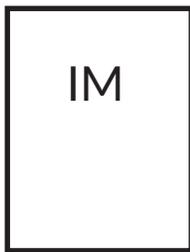
Failure to fully account for all components before beginning installation may leave vehicle immobile until part is acquired. Refer to the next pages as an inventory check.



# PROVIDED MATERIALS



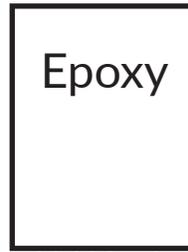
50256-HW



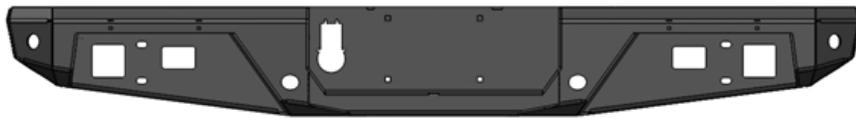
Y1952 IM



50257-HW



61632 x4



22358

## HARDWARE KIT | 50257 & 50256

FAB FOURS IDENTIFICATION	COMPONENT DESCRIPTION	QTY
50257-HW	Plastic Nylon License Plate Nut	4
50257-HW	7/16"-14 x 1.5", Button Head Cap Bolt, Stainless Steel	4
50257-HW	7/16" Stainless Steel Flat Washers	8
50257-HW	7/16" Stainless Steel Lock Washers	4
50257-HW	7/16" Stainless Steel Hex Nut	4
50257-HW	#8-32 x 3/4" Button Head Bolt, Stainless Steel	4
50257-HW	#8-32 Nylock Hex Nut, Stainless Steel	4
50257-HW	#8-32 Flat Washer, Stainless Steel	4
50256-HW	Universal Sensor Plugs	6

## TOOLS REQUIRED

- 11/16" Socket Wrench
- 15mm Socket Wrench
- 16mm Socket Wrench
- 21mm Socket Wrench
- 9mm Socket Wrench
- Body Pry Tool
- T47 Star Socket Wrench
- 3/32" Allen Wrench
- Scissor/Cutting Pliers
- 7/32" Allen Wrench
- 5/32" Allen Wrench

## 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.

# DISASSEMBLY

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

**1. Use a 16mm socket wrench to remove the two bolts located behind the license plate. (Figure-1)**

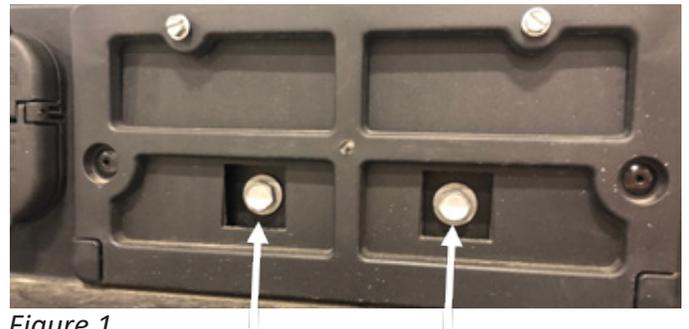


Figure 1

**2. Use a T47 star socket wrench to remove the two bolts located on either side of the tow hitch. (Figure-2)**



Figure 2

**3. Disconnect the sensor harness from the frame. (Figure-3).**



Figure 3

4. With assistance, hold the bumper and use a 16mm socket wrench to remove the four mount nuts holding the bumper onto the truck. Remove the bumper at this time. (Figure-4)



Figure 4

5. If truck is equipped with rear side sliders, remove them at this time using a 15mm socket wrench to remove the three bolts holding it to the mount. (Figure-5)

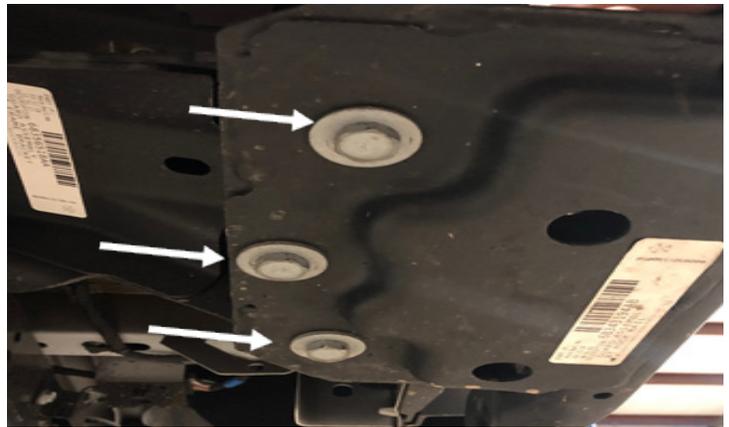


Figure 5

6. If truck is equipped, remove the OEM tow hooks with a 21mm socket wrench to remove the two bolts. (Figure-6)



Figure 6

**\*\*NOTE\*\*** If your jeep doesn't have the factory tow package (receiver hitch), you will need to remove the plate that is used to mount a ball through the factory bumper. Use a cut off wheel or other appropriate tool to remove the plate flush to the tube. Make sure to paint the exposed metal to prevent rust.



7. If your truck is equipped, remove the four sensors by pushing the housing clips apart and pulling the sensor out. (Figure-7)

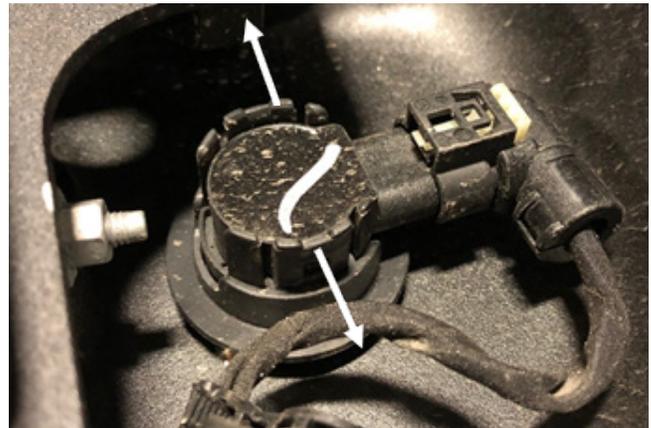


Figure 7

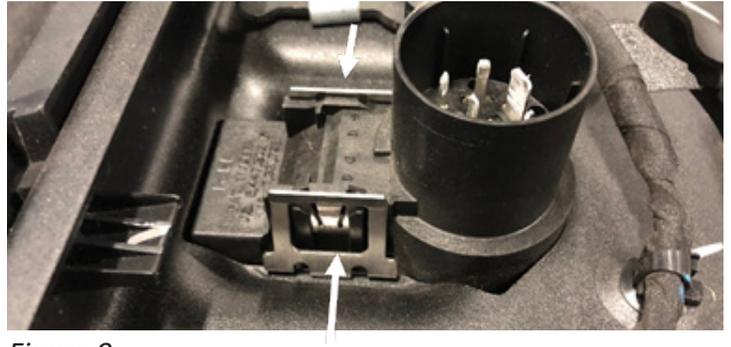
8. Remove the sensor housings by removing the inner circle clip and pulling the housings out of the bumper. (Figure-8)



Figure 8

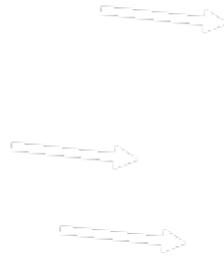
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**9. Push the metal clips in on the trailer plug to remove it from the OEM bumper. (Figure-9)**



*Figure 9*

**10. Use a body pry tool to remove the clips holding the sensor harness in the OEM bumper.**



**11. Use a body pry tool to disconnect the license plate lights from the bumper and remove the light from the housing for later installation. (Figure-10)**



*Figure 10*

# INSTALLATION

12. Using a 1/4" drill bit, drill out the four marked holes in the trailer plug for the #8 bolts. (Figure-11-12)



Figure 11

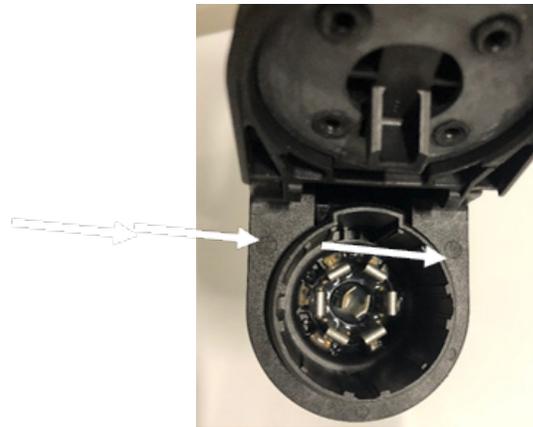


Figure 12

13. Using a 3/32" Allen Wrench and 9mm socket wrench, install the trailer plug into the bumper with the provided four (4) #8-32 Stainless steel bolts, nylock nuts and washers (50257-HW). (Figure-13)



Figure 13

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**14. Use a pair of plyers or scissors to cut the tabs off the OEM sensor locking clips. (Figure-14)**



*Figure 14*

**15. Take the sensor housings from the OEM bumper and install them into the Fab Fours bumper (22358) by pressing the housing in and connecting the locking clip from the inside. apply epoxy (61632) if needed. (Figure 15-16)**



*Figure 15*



*Figure 16*

16. Take the tag lights removed during step 11 and install them into the bumper (22358) by pressing it into the opening from the inside and using epoxy (61632) around the light to attach it. (Figure 17)



Figure 17

17. Run the sensors and sensor harness through the bumper and plug the sensors into their respective housings by carefully pressing them in until they click in place. Plug the tag lights back into the harness at this point. (Figure 18)



Figure 18

18. With assistance, hold the bumper up to the truck and use the provided stainless steel 7/16 bolts, flat/lock washers, and nuts to attach the bumper to the frame (50257-HW). Use a 5/32" allen wrench and 11/16" socket and wrench to tighten the bumper in place. If your truck is equipped: reinstall the tow hooks removed in step 6. (Figure 19)



Figure 19

19. Plug in the trailer plug and sensor harness and fully tighten all mounting hardware.

# CONTACT INFORMATION

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**“IF YOU’RE LOOKING FOR MORE OF THE SAME,  
THEN YOU’VE COME TO THE WRONG PLACE.”**

**- GREG HIGGS**

