



**INSTALLATION MANUAL**  
**TIRE CARRIER RELOCATION BRACKET**  
**PRODUCT NUMBER: Y5251-T**  
**APPLICATION: 2021 FORD BRONCO**



## **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

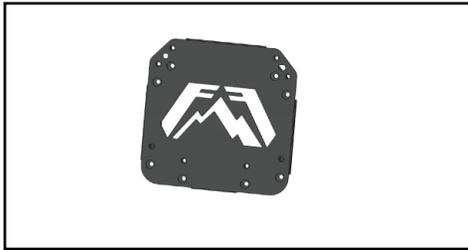
# GETTING STARTED

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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.

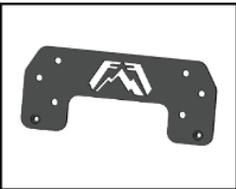
Failure to fully account for all components before beginning installation may leave vehicle immobile until part is acquired. Refer to the next pages as an inventory check.

# PROVIDED MATERIALS



50306-HW -  
HARDWARE KIT

22550 - Tire Carrier



22551 - Third Brake light Extender

## HARDWARE KIT | Y5251-T

FAB FOURS IDENTIFICATION	COMPONENT DESCRIPTION	QTY
50306	M6 x 25mm, Pan Head, Self-Tapping Screw, 18-8 SS	2
50306	M6 x 1.00mm x 25mm, Button Head Cap Screw, 18-8 SS	2
50306	M6, Flat Washer, 18-8 SS	2
50306	M6, Split Lock Washer, 18-8 SS	2
50306	M6, Hex Head Nut, 18-8 SS	2
50306	7/16"-14 x 1", Hex Head Cap Screw, Yellow-Zinc, Grade 8	8
50306	7/16"-SAE x , Lock Washer, Yellow-Zinc, Grade 8	8
50306	7/16" USS Flat Washer, Yellow-Zinc, Grade 8	8

## TOOLS REQUIRED

- 13mm Socket wrench
- 19mm Socket wrench
- 5/8" Socket wrench
- T30 Torx plus driver
- Sawzall/cutoff wheel

## 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.

## ASSISTANCE

This manual shows the six sensor configuration for illustration purposes but your specific installation may vary.

# DISASSEMBLY

1. Using a 19mm socket wrench, remove the three (3) lug nuts on the spare tire. Figure 1



Figure 1

2. Using a T30 Torx plus driver, remove the four (4) screws at the base of the third brake light housing. Figure 2



Figure 2

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3. Using a 13mm socket wrench, remove the eight (8) screws around the perimeter of the tire carrier to remove it from the vehicle. Figure 3

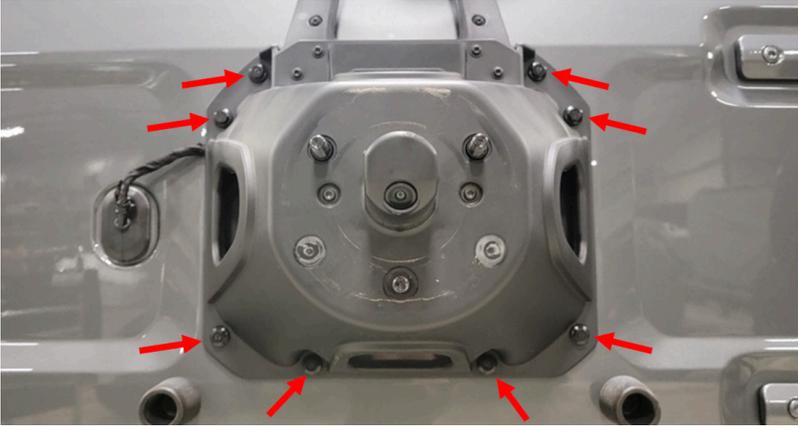


Figure 3

4. Using a Sawzall or cutoff wheel, trim the two (2) locating tabs at the top of the tire carrier so that they are no longer than 1/2" long. Figure 4



Figure 4

5. Using the two (2) OE screws removed earlier and the provided bracket (22551) reattach the third brake light housing to the tire carrier in the two (2) inner hole locations. Use a T30 Torx plus driver to tighten these screws. Figure 5



Figure 5

6. Using a T30 Torx plus driver install the two (2) provided self-tapping M6 screws in the upper remaining holes and the two (2) provided M6 button head cap screws, lock washers, and flat washers in the lower remaining holes. Figure 6



Figure 6

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7. Using the OE hardware removed previously and a 13mm socket wrench, install the provided tire relocation bracket (22550) to the door. Figure 7

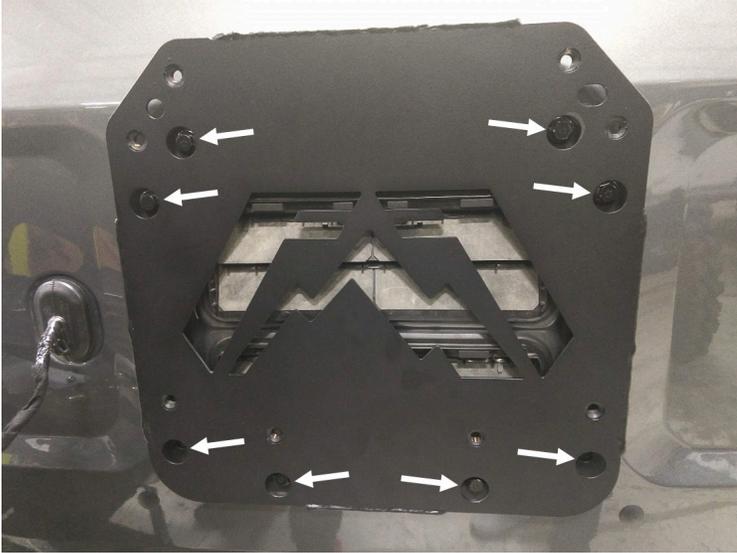


Figure 7

8. Reattach the OE carrier to the relocation bracket (22550) using the eight (8) provided 7/16" hex head screw, lock washers, and flat washers with a 5/8" socket wrench. Figure 8

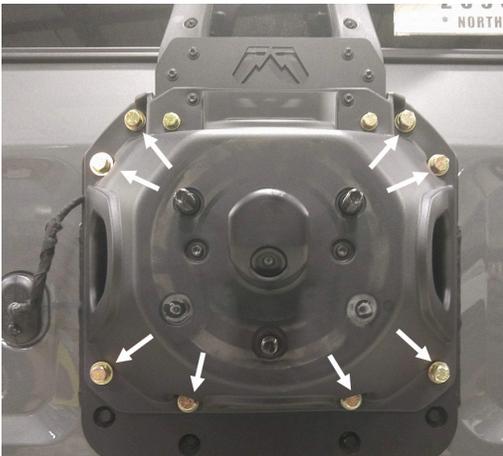


Figure 8

9. The spare tire can be remounted to the tire carrier now using the OE lug nuts and 19mm socket wrench.

# 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**

