



INSTALLATION MANUAL
VENGEANCE FRONT ACC ACCESSORY
PRODUCT NUMBER: M665X
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.

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.

TABLE OF CONTENTS

- 2 SAFETY / DISCLAIMER
- 3 TABLE OF CONTENTS
- 4 A MESSAGE FROM THE OWNER
- 5 GETTING STARTED
- 6 PROVIDED MATERIAL
- 7 DISASSEMBLY
- 9 INSTALLATION

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

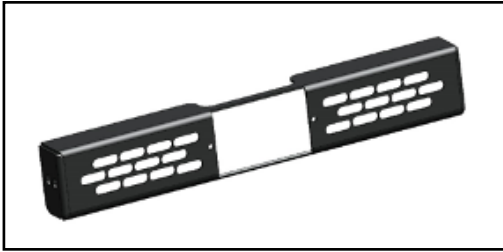
FOUNDER, FAB FOURS

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.

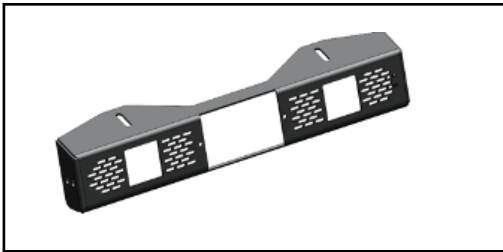
PROVIDED MATERIALS



M6651-IM



61784 - QTY 1



M6652-IM

HARDWARE KIT | M665X

FAB FOURS IDENTIFICATION	COMPONENT DESCRIPTION	QTY
HW Kit Number	Component Description	
50301	1/4"-20, Yellow-Zinc, Grade 8, Nylock Nut	4
50301	1/4"-20 x 1", Yellow-zinc, Grade 8, Hex head cap screw	4
50301	1/4", Yellow-zinc, Grade 8, Flat washer	8
50301	10-24 x 1/2" Black Button Head Screw	2
50301	10-24, Stainless Steel, Nut	2
50301	#10, Stainless Steel, Lock Washer	2
50301	#10, Stainless steel, Flat Washer	2

TOOLS REQUIRED

- Silver marker
- 1/8" Allen wrench
- 3/8" Combination wrench
- 3/8" Socket wrench
- 5/32" Drill Bit
- Power Drill
- Utility Knife
- Straight edge

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.

1. Hold the provided filler panel (61784) up to the front face of the M6651(2) with top of the panel flush with the top of the cutout in the M6651(2). Using a silver marker, make a line at the bottom of the cutout in the M6651(2). Then mark the center of each mounting hole on either side of the cutout. The smooth face of the filler panel should be facing you and this is the side you will mark. Figure 1&2

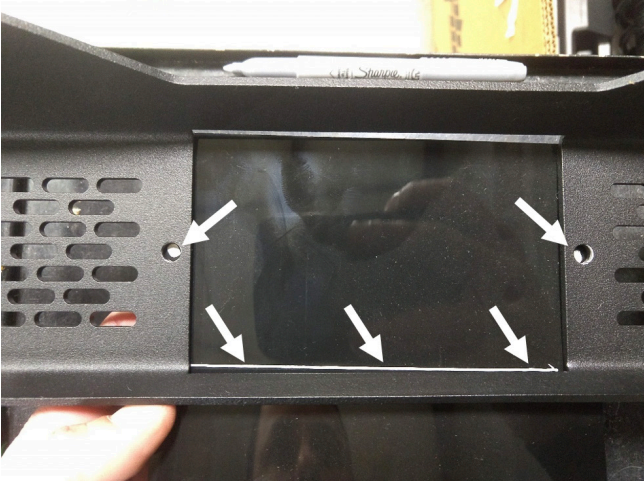


Figure 1



Figure 2

2. Using a utility knife with a straight edge, score the filler panel (61784) along the line made previously. Figure 3 Bend the filler panel down along the score and it should snap leaving a clean edge. If it does not snap easily make your score deeper. Figure 4



Figure 3

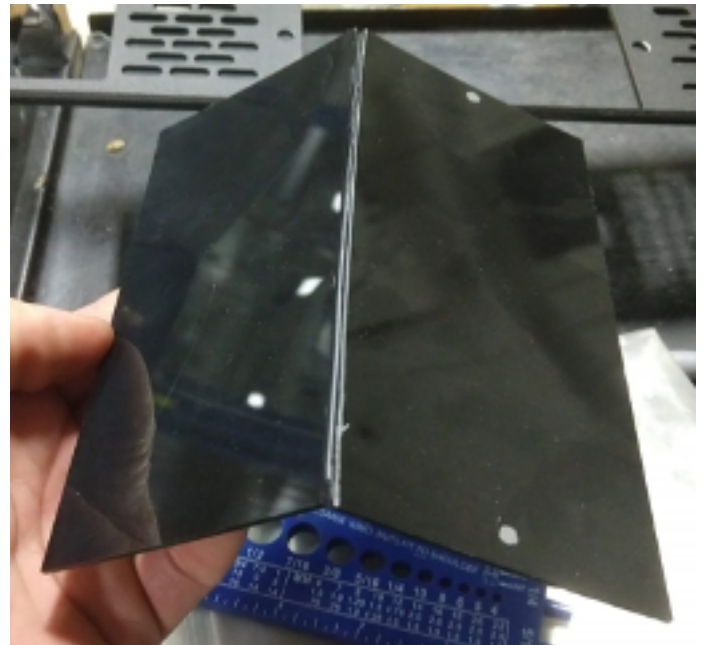


Figure 4

3. Using a 5/32" drill bit, make a hole in the filler panel at each of the marks made earlier. Figures 5&6



Figure 5



Figure 6

4. Using an 1/8" Allen wrench and 3/8" wrench, install the provided 10-24 black stainless steel screws, flat washers, lock washers, and nuts from the front of the M6651(2) through the filler panel inside. Figure 7&8



Figure 7



Figure 8

5. If you are installing an M6652, do so now. Use the slots at the top of the bracket to mount your lights. Figure 9



Figure 9

6. Using a 3/8" combination and socket wrench, install the M6651(2) into the Vengeance bumper between the bumper mounting brackets with the provided 1/4" Hex head cap screws, flat washers, and lock nuts. Figure 10-12



Figure 10



Figure 11



Figure 12