

Quadratec® Inner Fender Liner

Installation Manual: for '07-'18 Wrangler JK #12247-0000



Quadratec

⚠ WARNING ⚠

TO REDUCE RISK OF SERIOUS INJURY OR PROPERTY DAMAGE: READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE NOTICES BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.

⚠ WARNING ⚠

RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT. TORQUE AND RECHECK FASTENERS AFTER 250 MILES AND FREQUENTLY THEREAFTER. DO NOT USE IF DAMAGED.

NOTICE

SLIGHT MODIFICATION INCLUDING CUTTING AND DRILLING IS REQUIRED TO COMPLETE THIS INSTALLATION.

A FEW WORDS ABOUT PRODUCT SAFETY:

Your Quadratec Inner Fender Liner is intended to enhance the appearance and enjoyment of your off road capable vehicle. Follow safety information and installation recommendations. Throughout these instructions is important safety information that is generally preceded by one of three signal words indicating the relative risk of injury, property damage or adverse consequence.

The signal words mean:

⚠ WARNING ⚠

A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY. YOU CAN BE KILLED OR SERIOUSLY HURT IF YOU DON'T FOLLOW INSTRUCTIONS.

⚠ CAUTION ⚠

A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN A MINOR OR MODERATE INJURY. YOU CAN BE MODERATELY HURT AND ALSO MAY SUFFER PROPERTY DAMAGE IF YOU DON'T FOLLOW INSTRUCTIONS.

NOTICE

CAREFUL ATTENTION IS REQUIRED TO THIS INSTRUCTION OR OPERATION BUT DOES GENERALLY NOT RELATE TO PERSONAL INJURY. DAMAGE TO YOUR QUADRATEC® PRODUCT OR OTHER PROPERTY MAY RESULT IF YOU DON'T FOLLOW INSTRUCTIONS.

BEFORE YOU BEGIN INSTALLATION:

Congratulations on your purchase of Quadratec® Inner Fender Liners for your Jeep® Wrangler. This custom fit liner has been designed for use with the factory fender flare to give a great custom look and protect the inner wheel well. When unpacking, check to make sure all parts are included and not damaged due to shipping. If any part is missing or broken, please call Customer Service at 800-745-6037 as soon as possible. Thank you again for your purchase and let's start the installation process.

⚠ CAUTION ⚠

READ ALL SAFETY MESSAGES AND ALWAYS WEAR SAFETY GLASSES WHEN WORKING WITH TOOLS.

⚠ WARNING ⚠

ALWAYS USE EXTREME CAUTION WHEN DRILLING OR CUTTING ON A VEHICLE OR PARTS. THOROUGHLY INSPECT THE AREA TO BE DRILLED OR CUT, ON BOTH SIDES OF MATERIAL, PRIOR TO MODIFICATION AND RELOCATE ANY OBJECTS THAT COULD BECOME DAMAGED.

NOTICE

WE ALSO RECOMMEND THAT YOU HAVE A HELPER NEARBY AS SOME OF THE STEPS OUTLINED BELOW WILL BE MUCH EASIER WITH THE HELP OF ANOTHER SET OF HANDS.

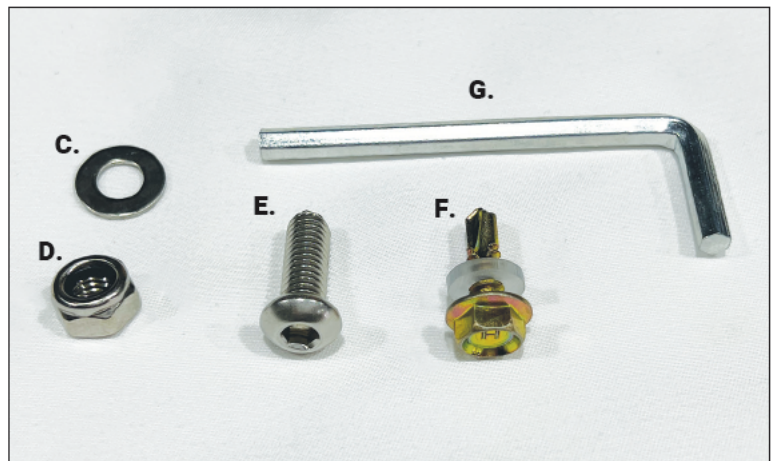
NOTICE

CHECK THE SURROUNDING AREA BEFORE DRILLING TO AVOID ACCIDENTAL DAMAGE TO EXISTING COMPONENTS OR WIRING.



KIT CONTENT LIST:

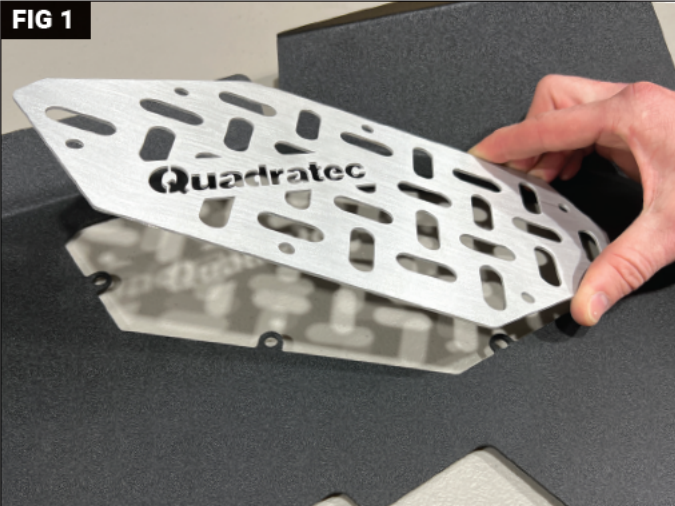
- A. Inner Fender Liner (x2)
- B. Mesh Insert (x2)
- C. M6 Flat Washer/Spacer (x12)
- D. M6 Nylock Nut (x12)
- E. M6-1.0 x 15mm Button Head Bolt (x12)
- F. Self-tapping Screw (x4)
- G. 4mm Hex Wrench



REQUIRED TOOLS:

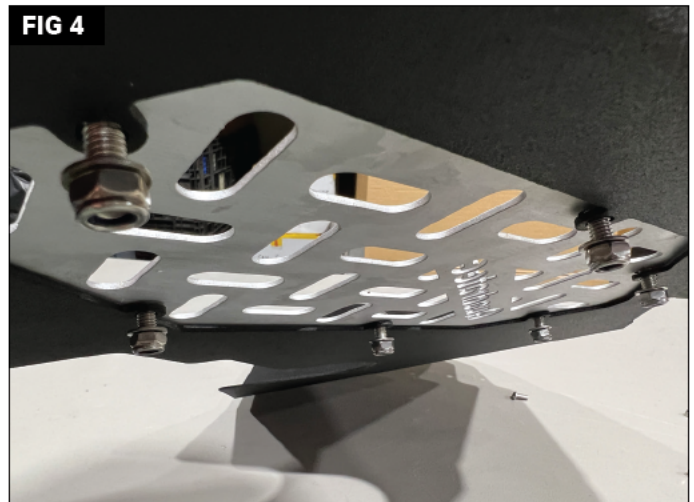
- Safety Glasses
- 8mm Socket
- 10mm Socket / Wrench
- Ratchet
- Pry Tool
- 7/64" Drill Bit
- Drill

STEP 1



Put on safety glasses. Layout both of the liners with the corresponding mesh inserts. Note that the bends of the liners should fold up. The right (passenger) liner will have the cutout for the mesh liner on the right-hand side and the left (driver) liner will have the cut out on the left-hand side. Lay the insert to align the holes for the bolts paying attention to logo direction. The logo will be readable when attached to the liner. (Fig 1) Insert a button head bolt into each hole from the top. (Fig 2)

STEP 2



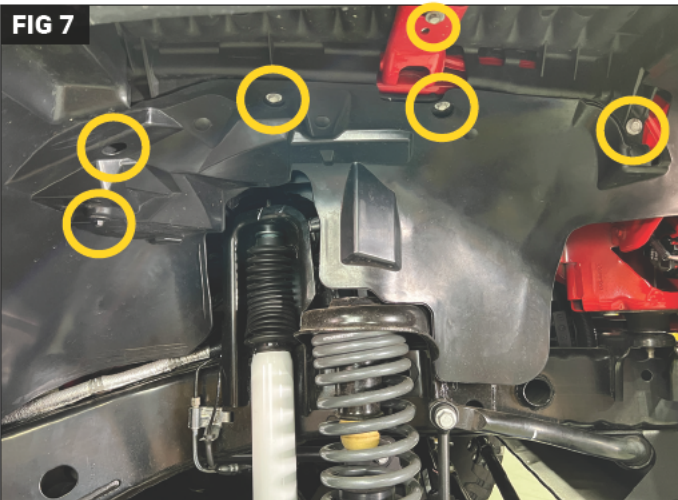
Place an M6 flat washer and nylock nut from the back onto each button head bolt. (Fig 3 & 4)

STEP 3



Use a 4mm hex head wrench for the button head bolts (Fig 5) and a 10mm wrench to tighten each of the 12 bolts and nylock nuts. (Fig 6)

STEP 4



Remove the 6 bolts (circled) holding the fender flares and liners (Fig 7) using a 10mm socket and ratchet. (Fig 8) Retain for reassembly.

STEP 5

FIG 9



Locate the wiring harness for the running lights and side markers. Release the clip and pull apart. (Fig 9)

STEP 6

FIG 10

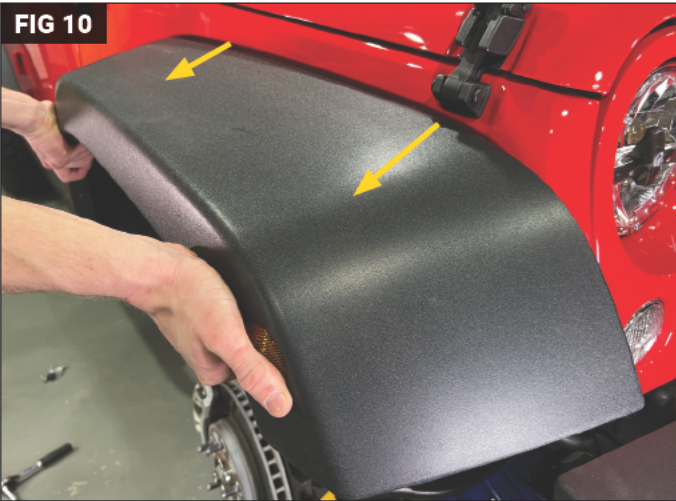


FIG 11



Using even force and hands grasping the edge of the fender flares, pull directly away from the quarter panel. (Fig 10) There will be tension on from the clips and you will find resistance until they release. Some clips may stay attached to the quarter panel. (Fig 11) Remove with a pry tool and reattach to the fender flare.

STEP 7



Locate the four retainer clips shown with circles. (Fig 12) Using a pry tool, remove each one. (Fig 13)

STEP 8



Disconnect the inner fender liner from the fender flare by using a pry tool between each piece at the plastic retaining rivets and pry out. (Fig 14) Once each rivet has been released, slide the inner fender liner away from the flare. (Fig 15)

STEP 9



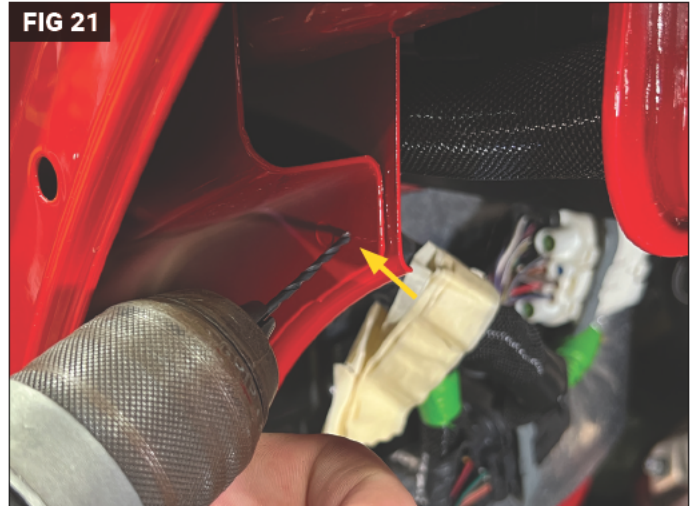
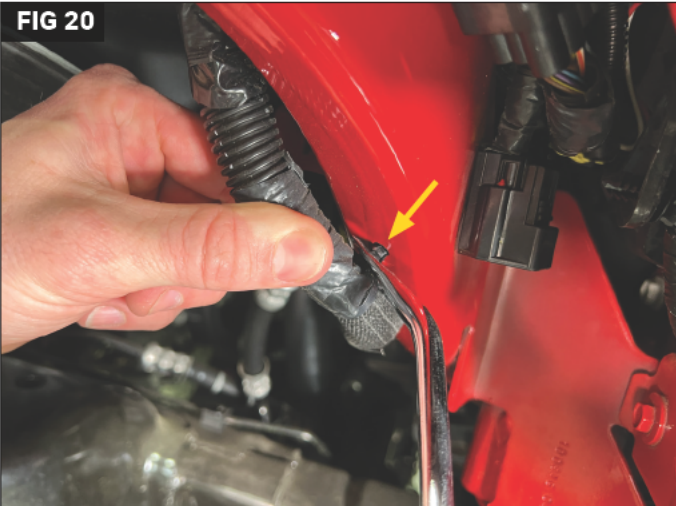
Note that the retaining rivets from the previous step remain. (Fig 16) These can be cut away as they will not be reused. (Fig 17)

STEP 10



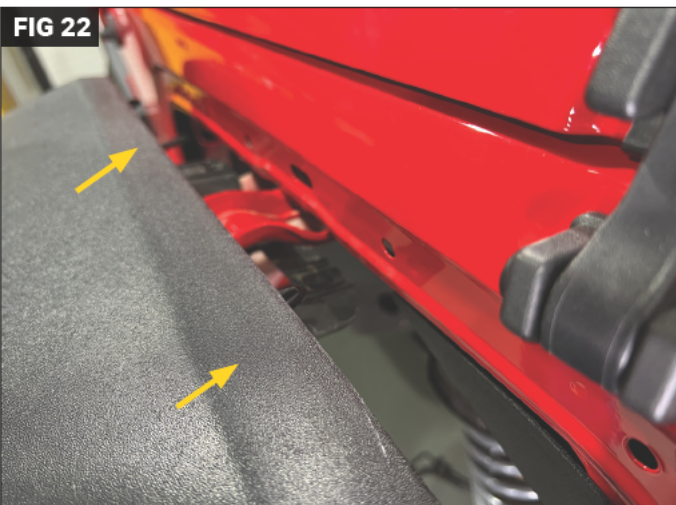
In order to perform Step 10, you will need to draw a line on the inside of the fender, and then cut along the line you drew. IT'S VERY IMPORTANT TO DRAW THE LINE BEFORE YOU BEGIN TO CUT! Using a marker or a paint pen, draw the line as shown in FIG 18. Next, using a cutting tool, carefully cut along the line that you drew. This line may need to be adjusted slightly after cutting. (Fig 19). Remember: You can always remove more material, but you can't add it back on.

STEP 11



Remove the wiring group from the sheet metal by releasing the retaining clip. This will allow the wiring to move freely and be a little longer to reach the wiring harness a little later. (Fig 20) Using a 7/64" drill bit, drill a pilot hole to be used with a self-tapping screw in Step 13. (Fig 21)

STEP 12



Holding the inner liner and fender flare together, slide the assembly back onto the quarter panel allowing the clips to engage and hold the flare in place. Start with the bolt toward the center. (Fig 22) From underneath begin to replace the factory 10mm bolts to hold in place. (Fig 23)

STEP 13



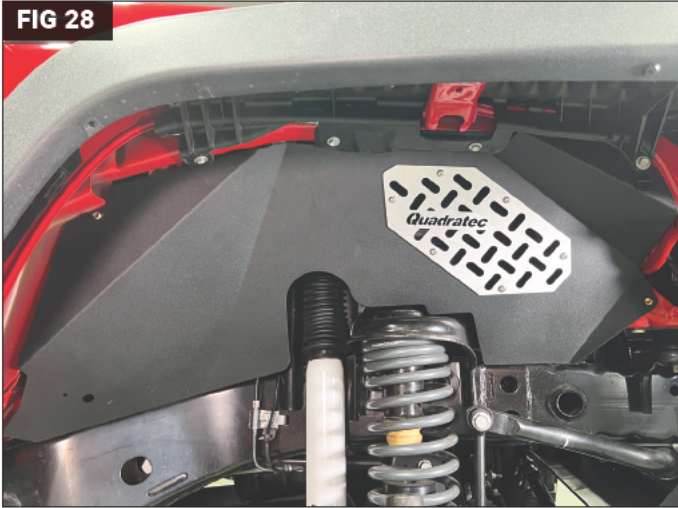
Insert and tighten the bolt on the structural brace to secure the fender and liner to the vehicle. (Fig 24) Insert and tighten the self-tapping screw into the pilot hole drilled previously. (Fig 25)

STEP 14



Using the 7/64" drill bit and using the liner as a guide, drill a pilot hole for the remaining self-tapping screw. Insert and tighten the self-tapping screw. (Fig 26) Tighten remaining 10mm bolts to secure the fender liner and flare. (Fig 27)

FIG 28



Pull the wiring harness around to the front of the flare so that the connectors can be reconnected and routed cleanly. Use a zip tie, if necessary, to secure harness up and out of the way. Repeat from Step 4 on the other side of the vehicle.

Quadratec® Exclusive Three Year Limited Warranty

Your Quadratec® branded accessories are covered by the following Limited Warranty provided exclusively by Quadratec, Inc., 1028 Saunders Lane, West Chester PA 19380.

This **Limited Warranty** is the only warranty made in connection with your purchase. Quadratec neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty. This Limited Warranty does not apply and is not cumulative to any accessory or part distributed by Quadratec for which the Manufacturer provides a separate written warranty.

What is Covered:

Subject to the terms, exclusions and limitations herein and with respect only to Quadratec branded accessories first sold in the United States, Quadratec warrants to the initial retail purchaser only that your Quadratec accessory shall be free of defects in material and workmanship: for a period of three (3) years from date of retail purchase.

This **Limited Warranty** is not assignable and shall terminate upon sale of the vehicle upon which the Quadratec accessory is installed or other transfer to third persons.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability or fitness for a particular purpose on this product is limited to three (3) years from date of initial retail sale. Quadratec reserves the rights to: (a.) **require invoice or other proof your accessory is within the terms of this Limited Warranty as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.**

What is Not Covered:

Your Quadratec Limited Warranty does not cover products or parts Quadratec determines to have been damaged by or subjected to: (a.) **installation damage, alteration, modification, combination with other parts, failure to maintain or improper repair or service, (b.) normal wear & tear, cosmetic damage or damage from moisture or water immersion, (c.) Acts of God, accidents, misuse, negligence, inadequate mounting or impact with vehicle(s), obstacles or other aspects of the environment, (d.) theft, vandalism or other intentional damage.**

Remedy Limited to Repair/Replacement:

The exclusive remedy provided hereunder shall, upon Quadratec inspection and at our option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration should first contact Quadratec to obtain a RGA number (610-701-3336). All labor, removal, shipping and installation costs are customer's responsibility.

Other Limitations - Exclusion of Damages - Your Rights Under State Law:

In consideration of the purchase price paid, neither Quadratec nor any independent Quadratec distributor/licensee are responsible for any time loss, rental costs, or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. Your exclusive remedy hereunder for covered parts is repair/replacement as described above.

This **Limited Warranty** gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and /or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

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A4 Version 4/5/22

Instructions Part #12999.3247

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