

Quadratec® Front Inner Fender Liner

Installation Manual: for '18-'Present Wrangler JL #12247-0010



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.



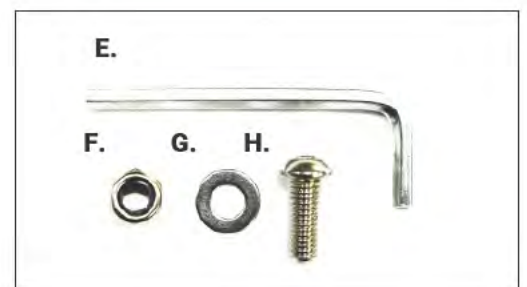
KIT CONTENT LIST:

- A. Inner Fender Liner (x2)
- B. Mesh Inserts (x2)
- C. Inner Fender Front Mount Bracket (x2)
- D. Plastic Tree Fasteners (2-lg 2-sm)
- E. 4mm Hex Wrench
- F. M6 Nylon Lock Nut (x32)
- G. M6 Flat Washer/Spacer (x36)
- E. M6 Nylock Nut (x32)
- H. M6-1.0 x 15mm Button Head Bolt (x32)



REQUIRED TOOLS:

- Safety Glasses
- 8mm Socket
- 10mm Socket / Wrench
- Ratchet
- Pry Tool



STEP 1

FIG 1



FIG 2



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

FIG 3



FIG 4



Place an M6 flat washer and nylock nut from the back onto each button head bolt. (Fig 3 & 4) Using an M10 wrench and supplied 4mm Hex Drive Wrench. Tighten all nuts and bolts firmly.

STEP 3

FIG 5



FIG 6



Remove the four (4) M10 bolts circled. (FIG 5) using M10 socket. A small socket extension will make this process easier. (FIG 6)

STEP 4

FIG 7



Using even force and hands grasping the edge of the fender flares, pull directly away from the quarter panel. There will be tension from the clips and you will find resistance until they release. (FIG 7) Some clips may stay attached to the quarter panel. Remove any clips that stay attached to the quarter panel with a pry tool and reattach to fender flare.

FIG 8



Locate the wiring harness for the running lights and side markers. Release the red safety clip by pulling in an outward direction, then press firmly on tab to release connector and pull apart. (FIG 8)

STEP 5

FIG 9



Locate the five (5) retainer rivets identified by arrows and the four (4) fasteners identified by circles (FIG 9)

STEP 6

FIG 10



FIG 11



Disconnect the inner fender liner from the fender flare by using a pry tool between each piece of the plastic retaining rivets and tree fasteners and pry out. (FIG 9)

STEP 7

FIG 12



FIG 13



Note that the retaining rivets from previous step remain. (FIG 13) These can be cut away as they will not be reused. (FIG 14)

STEP 8

FIG 14



FIG 15



Locate the two (2) retainer screw shown with circles. (FIG 11)

STEP 9

FIG 16



Once each of the items listed in (FIG 9) has been removed, slide inner fender away from the fender flare. (Fig 12)

STEP 10



Loosen radiator support bracket with 10mm wrench as shown. (FIG 15) With supplied mounting bracket (C), fit open end beneath head of bolt. Note: do not tighten until inner fender is aligned and secured.

STEP 11



Align inner fender with front quarter panel to circled areas. In the circled areas, beginning with either top hole, insert M6 Button Head Bolt with M6 Flat Washer into hole and secure with second M6 Flat Washer and M6 Nylon Nut. (FIG 16) Secure inner fender at arrow points with original equipment plastic Tree Fasteners. (FIG 19)

STEP 12

FIG 21



Locate wiring separated in (Step 4) (FIG 8) and reconnect. (FIG 15)

FIG 22



Holding the fender, slide back onto the quarter panel allowing the clips to engage and hold the flare in place. Start with the bolt toward the center. (FIG 16)

STEP 13

FIG 23



Re-install the four (4) M10 bolts circled. (FIG 23) using M10 socket.

FIG 24



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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