

HOOD LIFT KIT

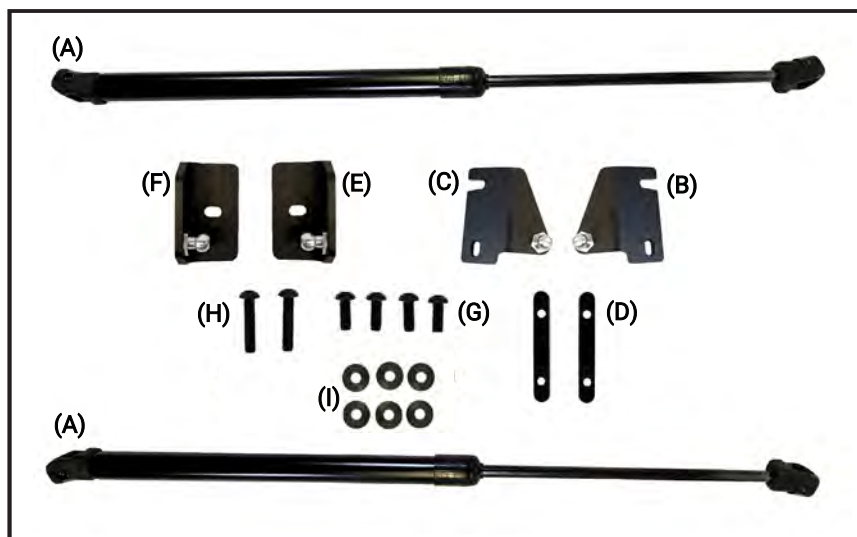
Installation Manual: For Jeep Wranglers JL / JT / 4xe
Part Number: 13027-3999

PARTS LIST:

- A - Lift Struts (2)
- B - LH Hood Strut Mount (1)
- C - RH Hood Strut Mount (1)
- D - Hood Mount Nut Plate (2)
- E - LH Fender Mount (1)
- F - RH Fender Mount (1)
- G - M6x15 Button Head Bolt (4)
- H - M6x25 Button Head Bolt (2)
- I - M6 Flat Washer (6)

REQUIRED TOOLS:

- Safety Glasses
- Ratchet
- 10mm Socket
- 4mm Hex Head Socket or Wrench
- Masking Tape



NOTICE

LH (LEFT HAND SIDE) & RH (RIGHT HAND SIDE) ARE TO BE REFERENCED FROM THE SEATED POSITION INSIDE THE VEHICLE.

NOTICE

BEFORE INSTALLING HOOD LIFT KIT OPEN HOOD AND CONFIRM THERE IS NO ADDITIONAL EQUIPMENT ATTACHED TO THE FENDERS OR ENGINE COMPARTMENT THAT MIGHT BLOCK INSTALLATION AND OPERATION OF LIFT STRUTS.

A FEW WORDS ABOUT PRODUCT SAFETY:

Your Quadratec product is intended to enhance the utility 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 !

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.

! 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 GENERALLY DOES NOT RELATE TO PERSONAL INJURY. DAMAGE TO YOUR QUADRATEC® PRODUCT OR OTHER PROPERTY MAY RESULT IF YOU DON'T FOLLOW INSTRUCTIONS.

READ CAREFULLY

BEFORE YOU BEGIN INSTALLATION:

Congratulations on your purchase of Quadratec® Hood Lift Kit for your Jeep® Wrangler / Gladiator. This product has been designed for protection, long life, and great looks. 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.

⚠ 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.

⚠ CAUTION ⚠

SHARP EDGES ARE POSSIBLE! GLOVES MUST BE WORN AT ALL TIMES WHILE
INSTALLING OR MAINTAINING THIS PRODUCT. DO NOT USE IF DAMAGED.

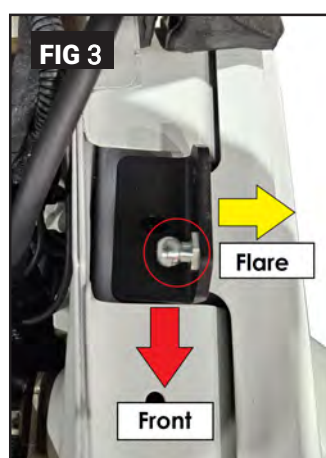
⚠ CAUTION ⚠

RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING
OR MAINTAINING THIS PRODUCT.

NOTICE

LH (LEFT HAND SIDE) & RH (RIGHT HAND SIDE) ARE TO BE REFERENCED FROM THE
SEATED POSITION INSIDE THE VEHICLE.

STEP 1 - LH/RH FENDER MOUNTING BRACKET



⚠ CAUTION ⚠

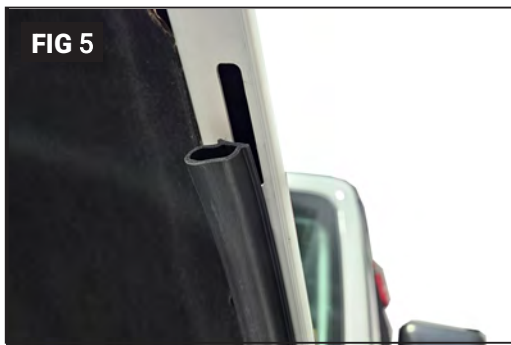
OPEN HOOD AND SUPPORT WITH FACTORY PROP ROD. DO NOT REMOVE PROP
ROD UNTIL FULL ASSEMBLY OF THE QUADRATEC HOOD LIFT KIT HAS BEEN
COMPLETED.

⚠ CAUTION ⚠

DO NOT SUPPORT HOOD WITH ONLY ONE LIFT STRUT INSTALLED.

Put on safety glasses. Using 10mm socket and ratchet remove the back mounting bolt securing front LH (driver's side) fender (Fig 1, Fig 2). Place LH Fender Mounting bracket onto fender. LH Fender Bracket will have ball stud towards the front of the vehicle (**red arrow**). Ball stud mounting flange should be facing outwards towards fender flare (**yellow arrow**). Secure with M6 x25 Button Head bolt and M6 Flat Washer Do Not over-tighten (Fig 3, Fig 4). Repeat step 1 for RH fender.

STEP 2 - LH/RH HOOD STRUT MOUNTING BRACKET



Pull down rubber hood seal and secure out of the way using masking tape. Repeat for other side of hood (Fig 5, Fig 6).

STEP 2 - LH/RH HOOD STRUT MOUNTING BRACKET

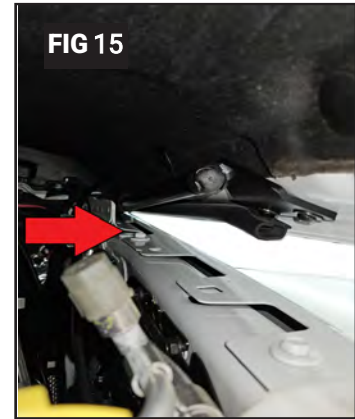
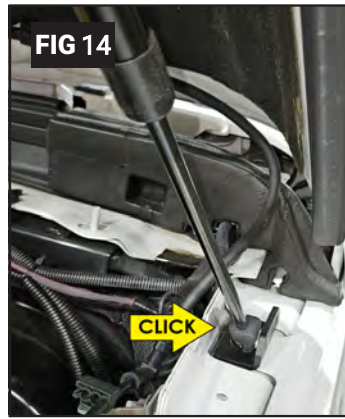


Using a M6 x15 Button Head Bolt and M6 Flat Washer loosely secure Hood Mount Nut Plate to LH (driver's side) Hood Strut Mount (Fig 7). Slide Hood Mount Nut Plate through open slot in hood (Fig 8). Using 4mm Hex Head socket tighten the M6 x15 Button Head Bolt just enough to pull in the Hood mount Nut Plate (**red arrow**) to hood inner surface. Center threaded hole but **Do Not tighten fully**. Hood Strut Mount should still move freely (Fig 9).



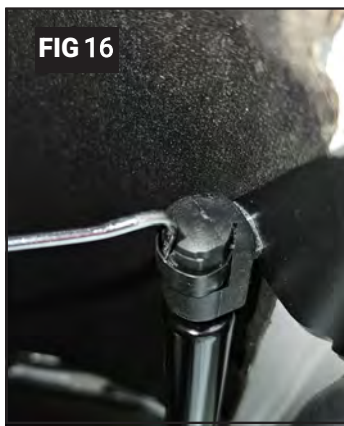
Loosely thread in a M6 x15 Button Head Bolt and M6 Flat Washer into the top hole of the Hood Mount Nut Plate (Fig 10). Rotate LH (driver's side) Hood Strut Mount under M6 x15 Button Head Bolt and Flat washer (Fig 11). Align Hood Strut Mount and secure to vehicle. **Do Not over-tighten** (Fig 12). Repeat step 2 for RH side. Remove masking tape from rubber seal.

STEP 3 - LH/RH LIFT STRUTS



Connect Lift Strut to ball stud attached to LH Hood Strut Mount. Strut main body to be placed towards the top (Hood) . A click sound will be heard when properly secured (Fig 13). Connect shaft end of Lift Strut to LH Fender Mount. A click sound will be heard when properly secured (Fig 14). Repeat Step 3 for RH side. Confirm there is no interference as hood is lowered (Fig 15).

STEP 4 - LH/RH LIFT STRUT REMOVAL FROM BALL STUDS



⚠ CAUTION ⚠

OPEN HOOD AND SUPPORT WITH FACTORY PROP ROD. DO NOT REMOVE PROP ROD UNTIL BOTH LIFT STRUTS HAVE BEEN RELEASED OR REMOVED.

⚠ CAUTION ⚠

DO NOT SUPPORT HOOD WITH ONLY ONE LIFT STRUT INSTALLED.

To disconnect / remove the Lift Struts from the Quadratec Hood Lift Kit mounting brackets a small pick or flat head screwdriver will be required. Place the end of the pick / screwdriver under the metal retainer spring located on top of the Lift Strut plastic ball stud retainer (Fig 16). Lift up up and out on the retainer spring while simultaneously pulling the Lift Strut away from ball stud (Fig 17). It is recommended the Lift Strut hood mounting location be disconnected first to allow free movement of the hood. At this time the Lift Strut can rest on the fender. If the Lift Strut is to be removed repeat Step 4 for fender mounted position (Fig 18).

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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