

# Quadratec® QR3 3" Tubular Side Steps

Installation Manual for '87-'06 Jeep Wrangler (YJ & TJ)  
#12004.30XX (all finishes)



**⚠ WARNING ⚠**

READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE *NOTICES* BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.

**⚠ CAUTION ⚠**

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

**PARTS LIST:**

- A. DRIVER SIDE TUBE STEP - QTY 1
- B. PASSENGER SIDE TUBE STEP - QTY 1
- C. MOUNTING BRACKETS - QTY 4
- D. 12mm TUBE BOLTS - QTY 4
- E. 12mm FLAT WASHERS - QTY 4
- F. 12mm LOCK WASHERS - QTY 4

**REQUIRED TOOLS:**

- SAFETY GLASSES
- 5/8" SOCKET & DRIVER
- 3/4" BOX END WRENCH
- TORQUE WRENCH



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**A Few Words About Product Safety:**  
*Your Tubular Side Steps are intended to enhance the utility and enjoyment of your off road capable vehicle. Before starting installation, please take a moment to review the following safety*

*information and installation instructions. Important safety information is generally preceded by one of three signal words indicating the relative risk of injury. 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 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 Tubular Side Steps for your Jeep® Wrangler. These custom fit steps have been designed for long life and a great look. Though constructed of only the finest materials, these steps must be maintained to keep their look while performing under the toughest conditions. Please see page 5 for important care and maintenance tips to keep your steps looking like new.*

*Thank you again for your purchase and let's start the installation process.*

*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 Quadratec Customer Service at 800-745-6037 as soon as possible.*

**NOTICE**

As you unpack your steps, be careful not to scratch the finish with a knife or razor. We strongly suggest placing your unpacked tubular side steps back into the original box so they do not get scratched before the installation begins.



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### Step One: Remove Body Mount Bolts

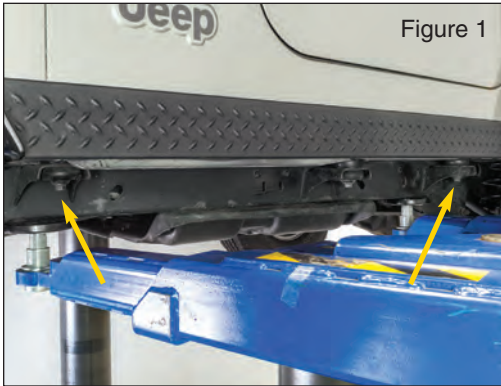


Figure 1: '97-'06 Wrangler (TJ)

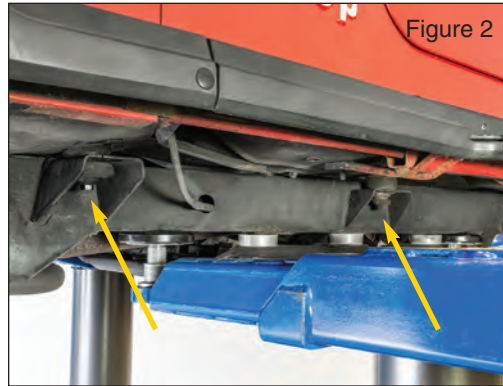


Figure 2: '87-'95 Wrangler (YJ)

### Step One: Remove Body Mount Bolts

*Put on safety glasses. Starting on the Driver's side, Locate the two (front and rear) factory installed body mount bolts (Figures 1 & 2). Using a 5/8" Socket, remove the front and rear body mount*

*bolts leaving the rubber bushing in place. Place these two bolts in a safe place. These bolts will be used in the next step to install the mounting brackets to your Jeep® Wrangler vehicle.*

### Step Two: Install Mounting Brackets

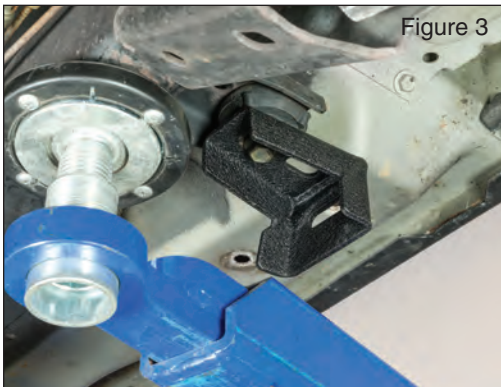


Figure 3: '97-'06 Wrangler (TJ)

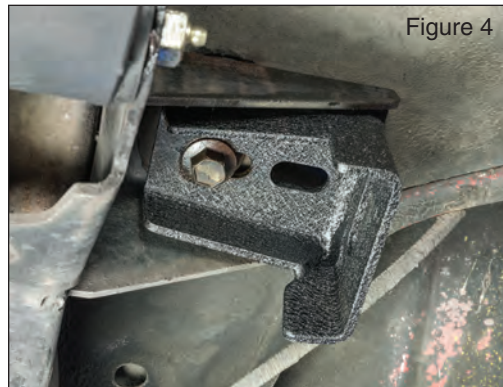


Figure 4: '87-'95 Wrangler (YJ)

### Step Two: Install Mounting Brackets

*Locate two mounting brackets (item C). Install the mounting brackets up against the body mount bushing to the front and rear body mounts using the factory bolts.*

*Make sure the end of the mounting bracket is pointed down (Fig 3 & 4). DO NOT Tighten! Leave these loose for further adjustment.*



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### Installation Step Three: Attach Driver Side Tube Step to Mounting Brackets

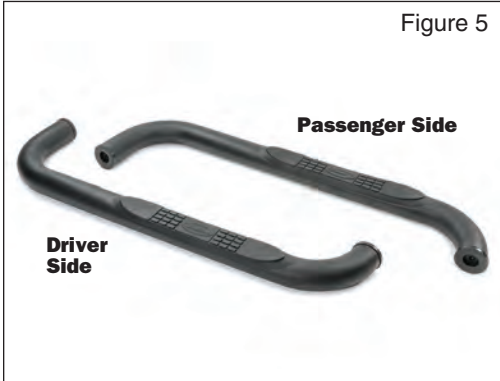


Figure 5: Note Side Tube Step Orientation

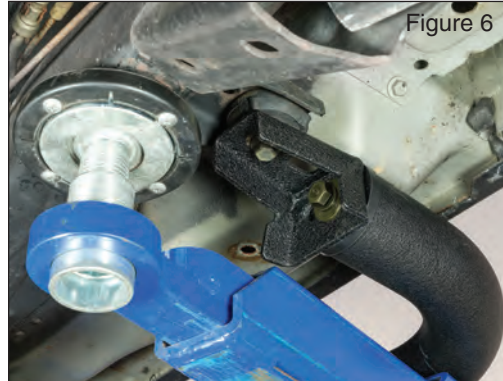


Figure 6: Tube Step Attachment Shown

#### **Step Three: Attach Tubular Side Step**

Locate the driver's side tube step (A). The front of the tube step will have the longer leg of the bar facing forward (Fig 5). Using a 3/4" box end wrench, install the supplied 12mm bolt (D), 12mm lock washer (F) and 12mm flat washer (E) to front of the tube step to front mounting bracket (Fig 6). Hand tighten only.

*TIP: Contrary to what it says on the plastic end caps, we recommend leaving*

*them installed on the step ends to help prevent any metal on metal contact with the bracket. Repeat for the rear of the tube step not forgetting to use the supplied lock washer and flat washer. Again, hand tighten only at this time.*

*Ensuring that the tube step is level, slowly tighten all the bolts on both the front and rear of the tube step. Each bolt should be tightened to the following Torque Specs:*

#### **NOTICE**

**Torque Specifications:**  
Mounting Bracket to Body Mount Bolts: 45 ft-lbs  
Mounting Bracket to Tube Step Bolts: 65 ft-Lbs

#### **Step Four: Install Passenger Tube Step**

Repeat steps one through three on the passenger side of the vehicle making sure

*all lock washers and flat washers are installed correctly and the bolts are tightened to the above torque specifications.*



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## Care and Maintenance:



*Your Tubular Side Steps have been designed and manufactured to provide years of use. However, like any product, general maintenance is required to keep them looking new.*

*Since the steps are located on the underside of the vehicle, it is subject to potential rock chips and other debris potentially causing portions of the paint to chip off. We recommend using a textured or gloss black spray paint sprayed on a piece of cardboard and Q-Tip to gently fill in these chips. This will prevent any rust from forming.*

*On all Tubular Side Steps there is a chance of some surface rust showing over time due to metal particles being embedded in the paint. This surface rust is easily removed by a non-abrasive cleaner/polish and a soft brush (not a metal brush!).*

*For Tubular Side Steps with a textured finish, wash only with soapy water and avoid other waxes and polishes. For Tubular Side Steps with a smooth finish, we recommend using a non-abrasive car wax on the parts on a regular basis. This will protect the finish and keep your product looking like new. For gloss black and stainless finishes, micro scratches can occur from daily use of the Tubular Side Steps. To remove these scratches we recommend a mild aluminum polish.*

*However, before using any polish, try a test area on the back side of the product before using it on the front, exposed surface to test abrasive level of the polish. If it causes more scratches, STOP and use a milder polish.*



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# QuadraTop®



## Key QuadraTop Features

**1. Fabric:** Tough 23 ounce mildew and UV resistant vinyl coated polyester and cotton fabric provides lasting durability and is backed by a limited three year warranty. QuadraTops are available in factory original colors and textures to keep your Jeep® looking showroom new!

**2. Stitching:** Our QuadraTop panels are sewn together with marine grade 135 gauge bonded Anafil® polyester thread that's super strong and UV protected. This rot resistant thread will provide years of worry free durability.

**3. Seams:** All exposed QuadraTop seams feature heat tape seals over double stitching to keep moisture out.

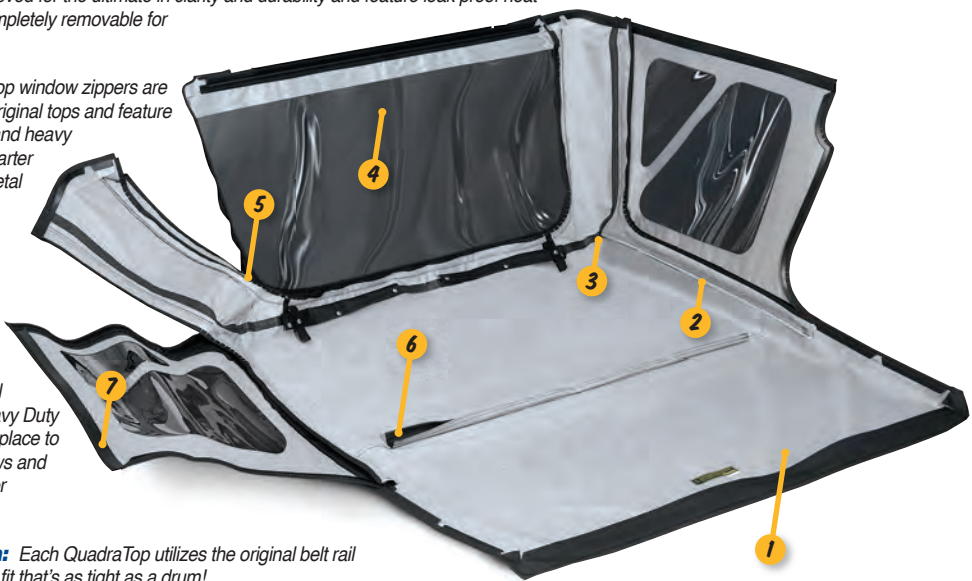
**4. Windows:** QuadraTops are available with your choice of zip out crystal clear windows or rear and quarter windows with a dark 31% tint keeping interiors much cooler in hot summer months. Our glass panels are 30mil thick and DOT approved for the ultimate in clarity and durability and feature leak proof heat seals. All windows are completely removable for open air enjoyment.

**5. Zippers:** QuadraTop window zippers are stitched in place like the original tops and feature jam resistant technology and heavy duty plastic teeth. Side quarter windows feature single metal pulls while the rear glass zippers have user friendly double pulls.

**6. Hook & Loop Attachment:** Our patterns are fully tested to ensure a tight and wrinkle free fit like the originals. All necessary snaps and Heavy Duty Hook & Loop strips are in place to install over the factory bows and there's never any drilling or modifications required!

**7. Belt Rail System:** Each QuadraTop utilizes the original belt rail attachment methods for a fit that's as tight as a drum!

**8. Upper Door Skins:** Our fabric upper doors install in just minutes onto your existing factory upper door frames by hook and loop fastener strips. It's quick and easy with our step by step illustrated instructions. Fabric upper doors have double sided weather strip bulb seals and double window zipper pulls. Note: Wranglers with half steel doors only feature clear upper door windows to meet federal and state requirements.



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## **QuadraTop® Replacement Soft Tops**

**Affordable quality and durability with no compromises!** Our top kits are designed to work with factory hardware and feature finer quality materials and workmanship along with the latest in manufacturing technologies for unprecedented value. Our new product team with decades of soft top knowledge and experience delivers you all the great features you want in a replacement top with unsurpassed customer service and support. Our QuadraTop is the best value in replacement soft tops compared to other tops costing hundreds more. If for any reason, you are not completely satisfied with your soft top purchase or have an installation question, please contact our professional customer support staff for a solution. All QuadraTops feature a limited Three year warranty against defects. The incredible fit & detailed instructions make installation as easy as... One, Two, Three!

### **Applications for YJ and TJ Wrangler Vehicles:**

For '88-'95 Wrangler w/Upper Doors & Clear Windows #11000.00XX

For '88-'95 Wrangler w/Upper Doors & Tinted Windows #11000.01XX

▶ Colors: 09 · 15 · 17

For '97-'02 Wrangler w/Clear Windows #11000.02XX

For '97-'02 Wrangler w/Tinted Windows #11000.03XX

For '97-'02 Wrangler w/Upper Doors & Clear Windows #11000.04XX

For '97-'02 Wrangler w/Upper Doors & Tinted Windows #11000.05XX

▶ Colors: 15 · 17 · 33

For '03-'06 Wrangler w/Clear Windows #11000.0635

For '03-'06 Wrangler w/Tinted Windows #11000.0735

For '03-'06 Wrangler w/Upper Doors & Clear Windows #11000.0645

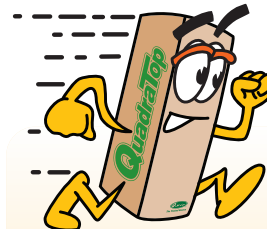
For '03-'06 Wrangler w/Upper Doors & Tinted Windows #11000.0745

▶ Colors: 35



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Advisors Always on Call!**



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Due to the limitations of printing, all color samples shown in this catalog are close approximations only.



\*Order an In Stock New QuadraTop Soft Top for Delivery in the Lower 48 States Before 4pm Eastern Standard Time, and It'll Ship UPS Ground the Same Day. Ground Shipments take between 1-7 Business Days to Deliver. Need Your Top Faster? Expedited Shipping Options are Available with a UPS Air Freight Surcharge.



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# Quadrtec® Exclusive Three Year Limited Warranty

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

This **Limited Warranty** is the only warranty made in connection with your purchase. Quadrtec 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 Quadrtec 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 Quadrtec branded accessories first sold in the United States, Quadrtec warrants to the initial retail purchaser only that your Quadrtec 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 Quadrtec accessory is installed or other transfer 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 3 year from date of initial retail sale. Quadrtec 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 Quadrtec **Limited Warranty** does not cover products or parts Quadrtec 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 Quadrtec inspection and at Quadrtec's 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 Quadrtec 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 Quadrtec nor any independent Quadrtec 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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