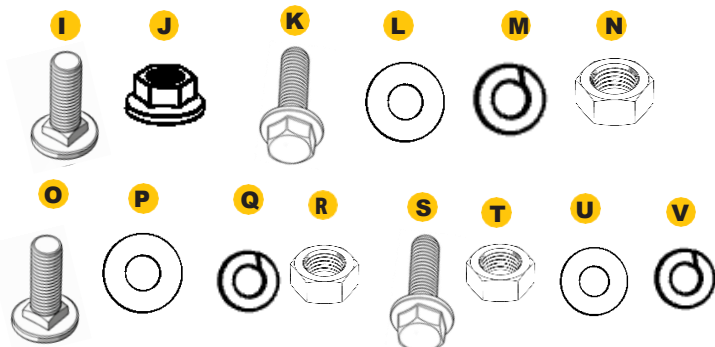
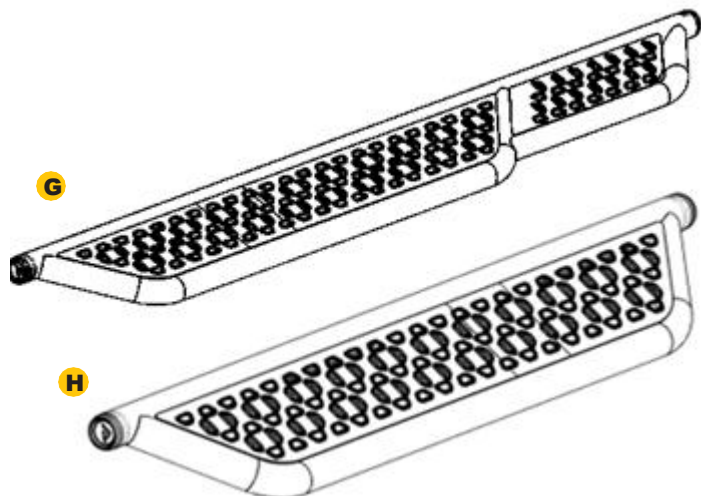
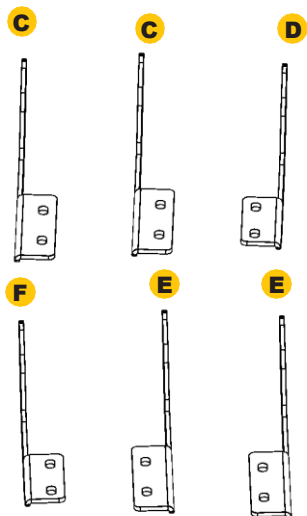
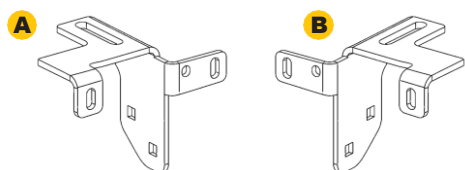


GROWLER SPORT INSTALLATION SHEET

Customer Service

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TOOLS REQUIRED

- 13mm Wrench or Socket
- 17mm Wrench or Socket
- 10mm Wrench or Socket

PARTS INCLUDED IN THE BOX

- A** 3x Driver Side Mounting Brackets
- B** 3x Passenger Side Mounting Brackets
- C** 2x Driver Side Front/ Center Lower Bracket
- D** 1x Driver Side Rear Lower Bracket
- E** 2x Passenger Side Front/ Center Lower Bracket
- F** 1x Passenger Side Rear Lower Bracket
- G** 1 pr. RBF 58 Four Door Length
- H** 1 pr. RBF 58 Two Door Length
- I** 12x Carriage Bolt M10-1.50 x 25mm
- J** 12x Nut & Washer Assy - M10-1.50
- K** 18x Hex Flange Head Bolt M8-1.25x30mm

- L** 12x M8 Flat Washer
- M** 12x M8 Lock Washer
- N** 12x M8-1.25 Hex Nut
- O** 12x M8-1.25x25mm Carriage Bolt
- P** 12x M8 Flat Washer
- Q** 12x M8 Lock Washer
- R** 12x M8 Hex Nut
- S** 2x M6-1.00x30mm Flange Bolt
- T** 2x M6-1.00 Hex Nut
- U** 2x M6 Flat Washer
- V** 2x M6 Lock Washer

Bracket quantity varies by vehicle configuration:

- Single Cab: 2 brackets per running board
 - Extended & Crew Cab: 3 brackets per running board
 - Select Crew Cab: 4 brackets per running board
- All kits begin as a 6-bracket base kit. Applications requiring 8 brackets will include the additional 2 brackets in a separate box.

The parts list reflects all possible configurations; however, only the components required for your specific application are included.

Note: Installation sheet is for reference only.





Jeep JL/ JLU 18+

GROWLER SPORT

INSTALLATION SHEET

Customer Service

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Hardware Torque Specifications & Installer Responsibility

The following chart provides general torque specifications and wrench sizes for commonly used SAE and Metric fasteners found in automotive accessory installations. These values serve as guidelines based on standard Grade 5 / Grade 8 (SAE) and Class 8.8 / 10.9 (Metric) hardware.

IMPORTANT:

It is the **installer's responsibility** to ensure all fasteners are tightened to the appropriate torque. **Failure to torque hardware correctly can lead to part failure, vehicle damage, or personal injury.** Always verify torque requirements in the vehicle's factory service manual when available.

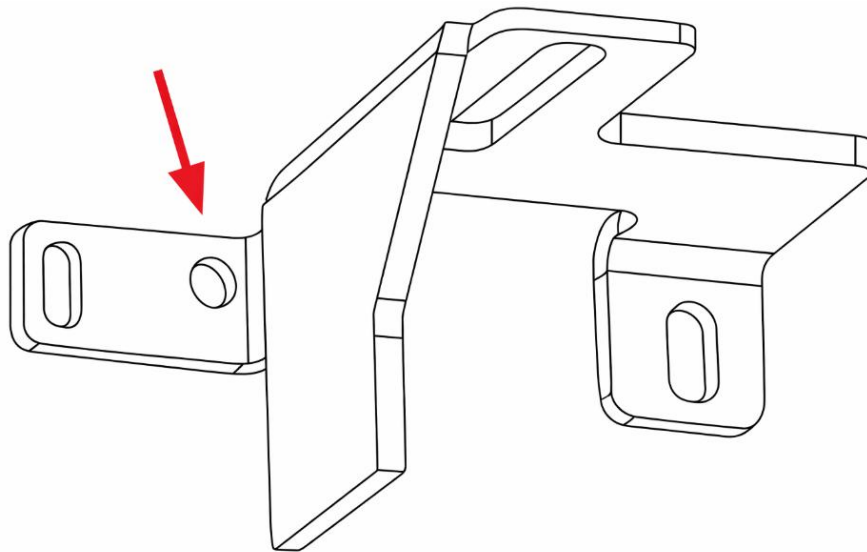
Bolt Size	Torque Grade 8 / 10.9	Wrench/Socket Size (in/mm)
1/4"-20	8 ft-lbs (11 Nm)	7/16"
5/16"-18	17 ft-lbs (23 Nm)	1/2"
3/8"-16	30 ft-lbs (40 Nm)	9/16"
7/16"-14	45 ft-lbs (61 Nm)	5/8"
1/2"-13	80 ft-lbs (108 Nm)	3/4"
M6 x 1.0	7 ft-lbs (10 Nm)	10 mm
M8 x 1.25	16 ft-lbs (22 Nm)	13 mm
M10 x 1.5	35 ft-lbs (48 Nm)	17 mm
M12 x 1.75	60 ft-lbs (81 Nm)	19 mm

Inspection & Maintenance Recommendations

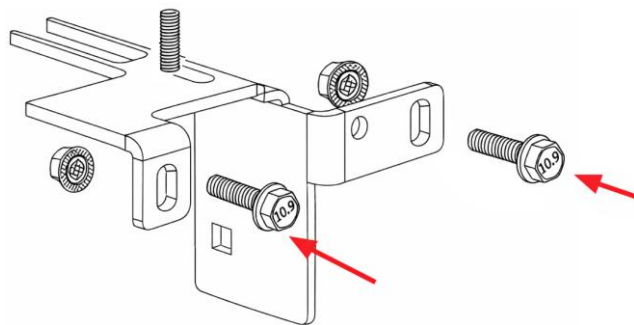
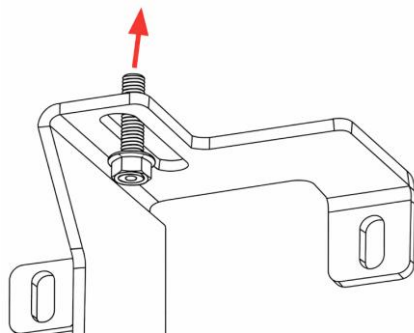
- After installation, **inspect all hardware after the first 100 miles** of driving.
- Thereafter, **reinspect every 3 months or 3,000 miles**, whichever comes first.
- Ensure all fasteners remain tight and free of corrosion or damage.
- Re-torque as needed using the specifications in the chart above or per OEM requirements.

Installer assumes all liability for proper installation and continued inspection of hardware. If torque values are not properly applied and maintained, failure of the part and safety risks may result.

- 1 Driver Side Preparation** Starting on the driver side, at the front of the vehicle, locate the mounting locations. Note: Hold a mounting bracket up in place to help determine the mounting holes to use along the body panel. When installing each bracket in the forward-most position, note the locating hole in the bracket. This hole is designed to allow the OE plastic locating pin—located on the back side of the pinch weld—to pass through the bracket. Ensure the pin is properly seated in the hole before tightening the hardware to maintain correct bracket alignment.

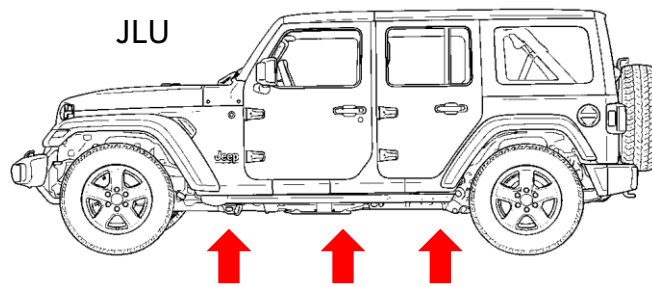
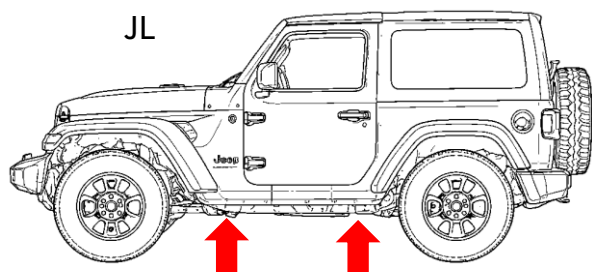


- 2** Use M8 flange bolt (5) through the truck bracket into the threaded hole under the Jeep body. Just hand tighten at this time. Install M8 flange bolt through the pinch weld and bracket then secure it with serrated flange nut.

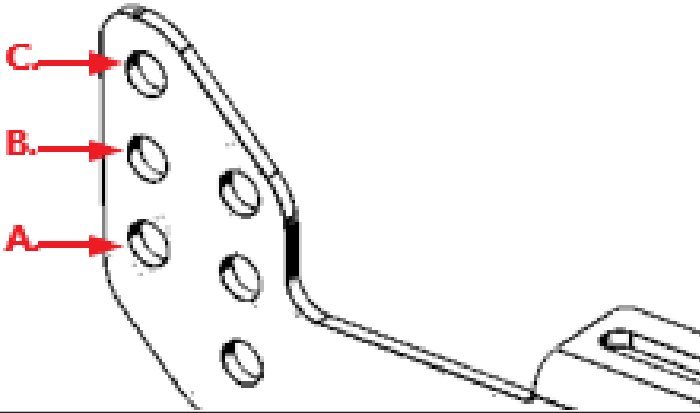


Note- Some vehicle applications have a smaller mounting hole at the forward pinch-weld location. If your vehicle is equipped with this smaller hole, use the supplied M6 bolt and M6 nut in place of the M8 hardware.

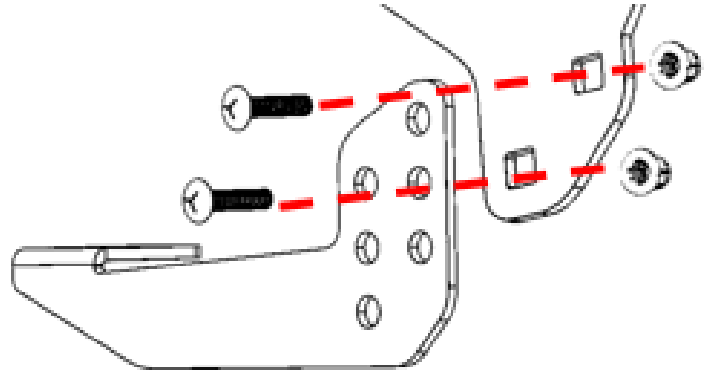
- 3 Note- Bracket Allocation by Cab Configuration—** JL: Install two (2) brackets per side using the corresponding hardware kit.— JLU: Install three (3) brackets per side using the corresponding hardware kit. Verify bracket quantity and orientation prior to installation.



- 5** Before installing Bracket (3), determine the desired mounting height. Each set of mounting holes lowers the bracket by approximately 1" (C/B) and 1.5" for A. Ensure all brackets are installed using the same hole position for consistent alignment.



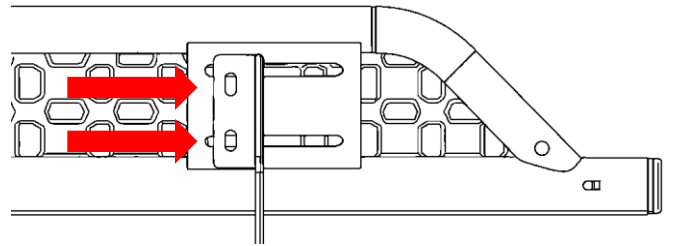
- 6** Insert a carriage bolt (4) through the truck bracket (1 or 2) and into the board bracket (3). Secure using a serrated flange nut. Hand-tighten only at this stage; final tightening will be completed later



- 7** With one side of the brackets installed, place a **straight edge** (such as a yardstick, level, or the included running board)

Position the **board** onto the **board brackets**, ensuring each bracket is oriented correctly. From the underside of the board, insert (2) **M8 carriage bolts** so that the bolts protrude upward like studs. Secure each bolt with (2) **M8 flat washers**, (2) **M8 lock washers**, and (2) **M8 hex nuts**.

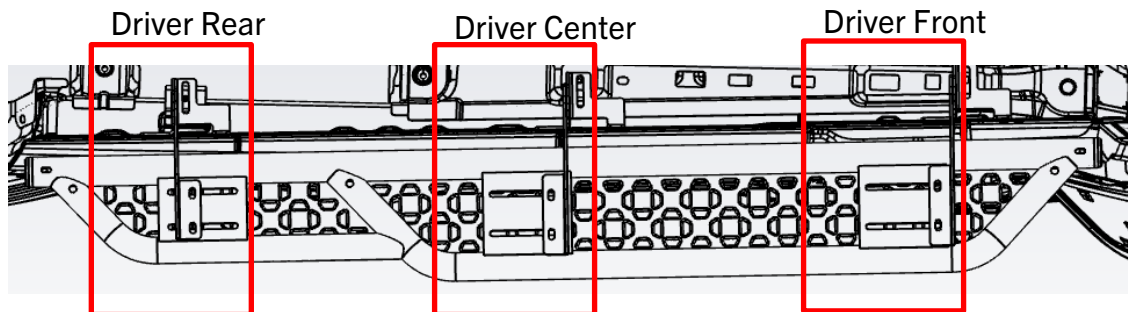
Repeat this process for the center and rear brackets. Leave all hardware **hand-tight** at this stage for final adjustment.



- 8 Driver Side Installation & Final Adjustment.** Repeat **Steps 1–6** on the **passenger side**.

Once you are satisfied with the **step board position**, tighten all hardware securely.

Note: JLU models use three brackets per side at the front, center, and rear mounting locations. JL models use two brackets per side at the front and center mounting locations only.



Wrangler JL/ JLU Driver Side

Note: Depending on your application, the lower brackets may have a specific orientation or offset. Refer to the parts list for visual identification of each bracket and its correct orientation on the vehicle. Failure to install the brackets correctly may result in the running board not aligning with the brackets.



GROWLER SPORT

SERVICE PARTS

Customer Service

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Service Parts Reference – Growler Steps

The chart below outlines the available service parts for Growler Steps.

Make	Model	Cab	Year Start	Year End	Upper Bracket (Includes Hardware)	Lower Bracket (Includes Hardware)	End Cap Pair
Jeep	Wrangler JL	SUV	2018	2025	UVB145168	RBF5800TK	RBF58-EC2
Jeep	Wrangler JLU	SUV	2018	2025	UVB145168	RBF5800TK	RBF58-EC2

IMPORTANT:

It is the **installer's responsibility** to ensure all fasteners are tightened to the appropriate torque. **Failure to torque hardware correctly can lead to part failure, vehicle damage, or personal injury.** Always verify torque requirements in the vehicle's factory service manual when available.

CARE AND MAINTENANCE

- Always perform regular inspections and maintenance on mounts and related fasteners.
- Periodically check and tighten all fasteners
- • Stripped, fractured, or bent fasteners must be replaced.
- After washing the vehicle make sure to fully dry all surfaces
- In areas with cold temperatures make sure to wash the product often to remove harmful materials used on road ways.
- Never use abrasive cleaners or polish compounds. Clean with a gentle soap and water. If you use wax use a non-abrasive automotive wax such as pure carnauba wax

SAFETY INSTRUCTIONS

- Please complete a shop and tool inspection prior to beginning the installation.
- Always make sure you have a clean, dry and well lit work area.
- Always remove jewelry, loose fitting clothing and wear protective gloves and eye protection.
- Always use extreme caution when jacking or raising a vehicle for work. Set the emergency brake and use tire/wheel blocks and jack stands. Refer to the vehicle manufacturer hand book. Utilize the vehicle manufacturers designated lifting points.
- Always use appropriate and adequate care in lifting parts during disassembly and installation. Seek help in lifting heavy or large items into place. Utilize jacks and or lifting devices when available.
- Always insure products are secure during disassembly and installation.
- Always wear eye protection and take steps to protect any exposed skin during the installations. Drilling, cutting and grinding plastic and metal may create flying particles that can cause injury.
- Always use extreme caution when drilling, cutting and or grinding on a vehicle. Thoroughly inspect the area to be drilled, on both sides of material, prior to modification and relocate any objects that may become damaged.
- Always assemble and tighten all fasteners per the installation instructions. • Always route electrical cables carefully. Avoid moving parts, parts that may become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical connections.

LIMITED WARRANTY

WARRANTY COVERAGE

RealTruck warrants to Buyer that for a period of five (5) years from the date of shipment of the product(s) ("Warranty Period") for black finishes and chrome finishes, that such products will materially conform to the specifications set forth in RealTruck's specifications in effect as of the date of shipment(s) and will be free from material defects in material workmanship.

RealTruck warrants to Buyer that for the life of the product(s) from the date of shipment of the product(s) ("Warranty Period") for polished stainless steel finished products purchased after April 2004, that such products will materially conform to the specifications set forth in RealTruck's specifications in effect as of the date of shipments and will be free from material defects in material workmanship.

Warranty claims must be accompanied with the original invoice and photos of the product. It is the customer's responsibility to clean regularly and protect finish with regular applications of a nonabrasive polish that is compatible with the product's finish.

This warranty covers the cost of the product only and does not include the cost of removal, installation, third party modifications or shipping of the product. In no event shall RealTruck be liable to buyer or any third party for any damage or harm caused by the product or use thereof, regardless of weather such damages were foreseeable and whether or not RealTruck has been advised of the possibility of such damages, notwithstanding the failure of any agreed or other remedy of its essential purpose. This warranty is void if the product shows signs of alteration, misuse, mishandling, improper care, neglect, improper application and/or damage due to improper installation.

With respect to any such product(s) during the limited warranty period, RealTruck shall, in its sole discretion, either: (i) provide a one-time repair or replacement of such products (or the defective part) or (ii) credit or refund the price of such products at the pro rata contract rate provided that, if RealTruck so requests, Buyer shall, at RealTruck's expense, return such product(s) to RealTruck. The remedies shall be the Buyer's sole and exclusive remedy and RealTruck's entire liability for any breach of the limited warrant(ies).

RealTruck disclaims all other warranties except to the extent that any such warranty cannot be validly disclaimed under applicable law

Finish Limited Warranty:

Limited lifetime on stainless steel products (after April 2004) 5 year warranty on black powder coat products 5 year warranty on chrome products This warranty does not cover exposed welds

Finish warranty covers peeling, flaking, or cracking. Washing all finishes regularly with car wash soap and rinsing well with water is the best method for maintaining the finish on your products. You must also protect the finish with nonabrasive automotive wax on a regular basis. The use of any compound which contains abrasives becomes a self-defeating exercise as the compound scratches the finish and opens it to corrosion. The use of harsh chemicals used to remove bugs and tar may also cause the finish to fail and should be avoided.

If you are unsatisfied with your purchase please contact the establishment you purchased the product from.

If you need to place a warranty claim or need assistance, the RealTruck customer service team will answer any questions you may have. Please contact the RealTruck customer service team at 1-888-427-4466 during normal business hours Monday thru Friday 7 am to 5 pm PST. You may also email warranty@gorhino.com. In order to better serve you please provide a copy of the original invoice / receipt, a photo of the issue you are experiencing and a photo of the vehicle the product is installed on.

All warranty returns must have an approved RGA number. The RGA number must be clearly marked on the exterior of the return package. All approved warranty returns must be shipped to RealTruck Products, 1002 Carriers Drive, Laredo, Texas 78045.

WARRANTY REGISTRATION

Warranty registration must be on file and/or proof of original purchase (detailed and dated receipt) required for warranty to be effective.

<https://realtruck.com/warranty-registration>

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