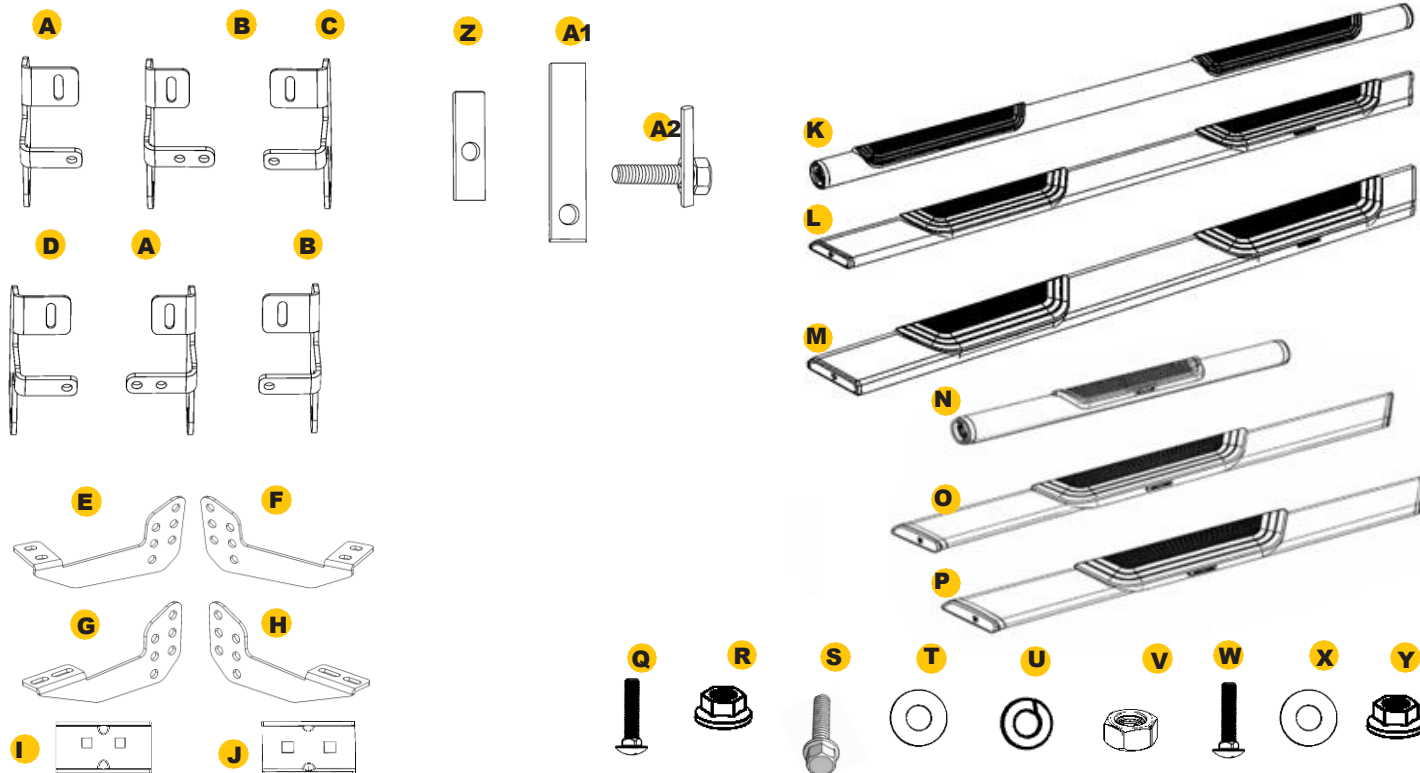




TOOLS REQUIRED

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

PARTS INCLUDED IN THE BOX

- A** 2x Driver Front/ Passenger Rear Mounting Bracket
- B** 2x Passenger Front/ Driver Rear Mounting Bracket
- C** 1x Driver Center Mounting Bracket
- D** 1x Passenger Center Mounting Bracket
- E** 3x Driver Side Lower Bracket (NBF 23)
- F** 3x Passenger Side Lower Bracket (NBF 23)
- G** 3x Driver Side Lower Bracket (NBF 24/ 25)
- H** 3x Passenger Side Lower Bracket (NBF 24/ 25)
- I** 6x Channel Bracket NBF 23 (81mm Offset Hole)
- J** 6x Channel Bracket NBF 24/ 25 (70mm)
- K** 1 pr. NBF 23 Crew Cab/ Quad Cab Length
- L** 1 pr. NBF 24 Crew Cab/ Quad Cab Length
- M** 1 pr. NBF 25 Crew Cab/ Quad Cab Length

- 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.*

- N** 1 pr. NBF 23 Single Cab Length
- O** 1 pr. NBF 24 Single Cab Length
- P** 1 pr. NBF 25 Single Cab Length
- Q** 12x Carriage Bolt M10-1.50 x 25mm
- R** 12x Nut & Washer Assy - M10-1.50
- S** 12x M8-1.25 x 25mm Flange Hex Head Bolt
- T** 12x M8 Flat Washer
- U** 12x M8 Lock Washer
- V** 12x M8-1.25 Hex Nut
- W** 12x Carriage Bolt M8-1.25 x 25mm
- X** 12x M8 Retention Washer
- Y** 12x Nut & Washer Assy – M8-1.25
- Z** 6x Large Plastic Retainer 2" Long
- A1** 6x Small Plastic Retainer 3" Long
- A2** 6x Bolt Bracket



Ram HD

TRAXIO 3/4/5

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.

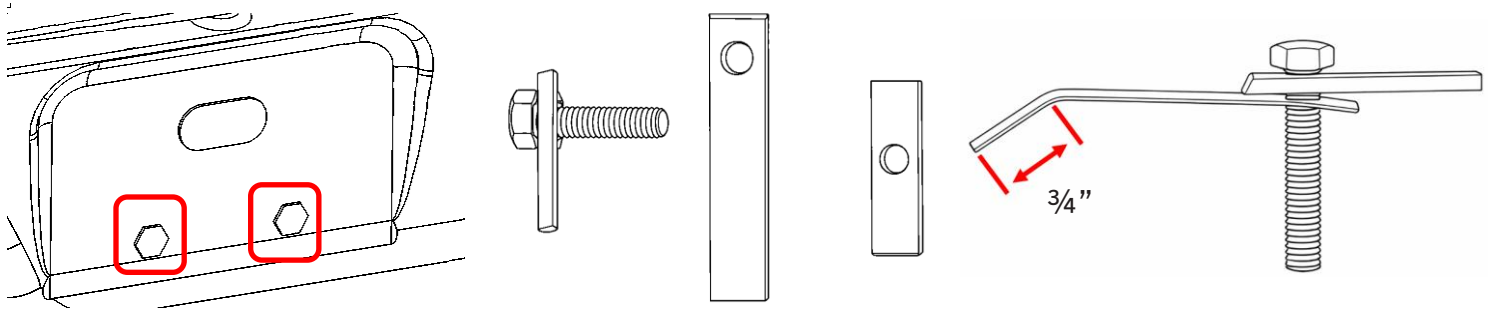
Bolt Size	Torque Grade 8 / 10.9	Wrench/Socket Size (in/mm)
1/4"-20	8 ft-lbs (11 Nm)	7/16"
5/16"-18	17 ft-lbs (23 Nm)	1/2"
3/8"-16	30 ft-lbs (40 Nm)	9/16"
7/16"-14	45 ft-lbs (61 Nm)	5/8"
1/2"-13	80 ft-lbs (108 Nm)	3/4"
M6 x 1.0	7 ft-lbs (10 Nm)	10 mm
M8 x 1.25	16 ft-lbs (22 Nm)	13 mm
M10 x 1.5	35 ft-lbs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

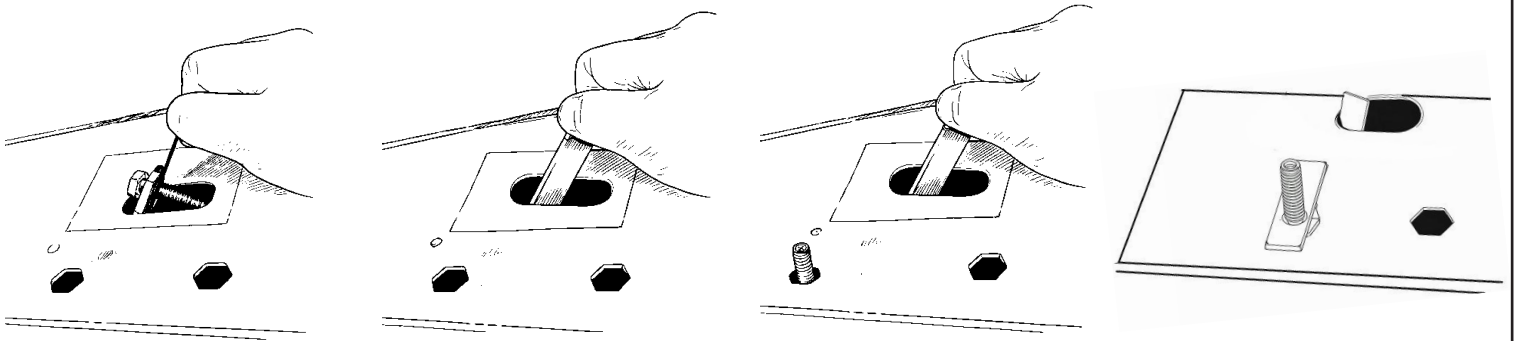
Installer assumes all liability for proper installation and continued inspection of hardware. If torque values are not properly applied and maintained, failure of the part and safety risks may result.

- 1 Driver Side Preparation** Starting on the driver side, There are **three (3) factory mounting locations (2 for Single Cab)** located underneath the vehicle, directly below the doors, on each side of the vehicle. Each location contains **two hex- shaped holes or M8 threaded inserts**, along with a **larger oval access hole** above them. These **factory mounting points** will be used to secure the brackets.

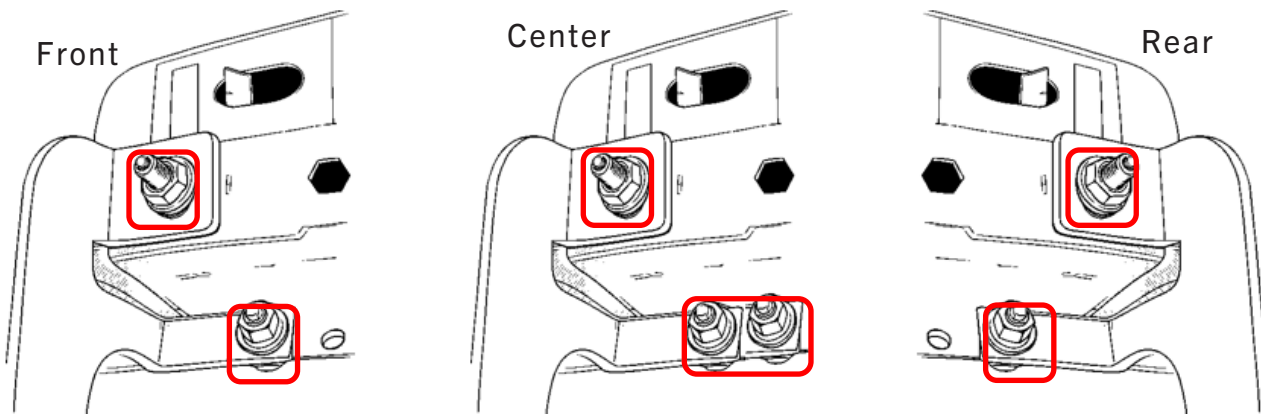


Use the **bolt plate (6)** and the **long plastic retainer with hole**. Thread the plastic retainer onto the bolt plate by twisting it on like a nut until the plastic **nearly contacts the metal plate**. Next, **bend the plastic retainer approximately 3/4 in. from the end** as shown. When properly formed, the assembly will match the orientation shown and is **ready for installation**.

- 2** Insert the **bolt plate assembly** into the rocker panel as shown below, rotate the **plastic retainer** until the bolt comes through the **hex hole**, then install the **plastic retainer with the center hole** to hold the bolt in place and prevent it from falling inside rocker panel.



- 4 Front & Rear Positions:** Install **bracket (1)** over the **bolt plate** and secure it using an **M8 hex nut, M8 lock washer and M8 flat washer**. At the **pinch weld**, install one **M8 bolt with flat washer, M8 lock washer and M8 hex nut**.

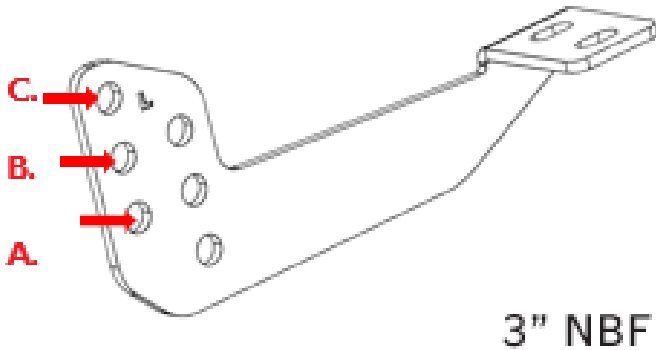


Middle Position:

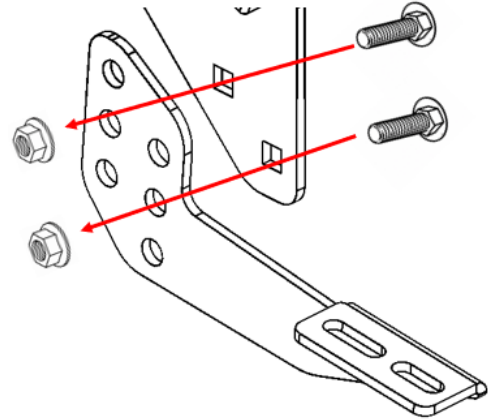
Install bracket over the bolt plate and secure it using an an M8 hex nut, M8 lock washer and M8 flat washer. At the pinch weld, install two (2) M8 bolts with flat washers, M8 lock washer and M8 hex nuts.

NOTE: Vehicles equipped with **factory M8 threaded inserts** will use the **M8 serrated flange bolt** in place of the **bolt plate** for the **upper mounting location**.

- 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. 3" NBF lower bracket is referenced D Adaptor Rail

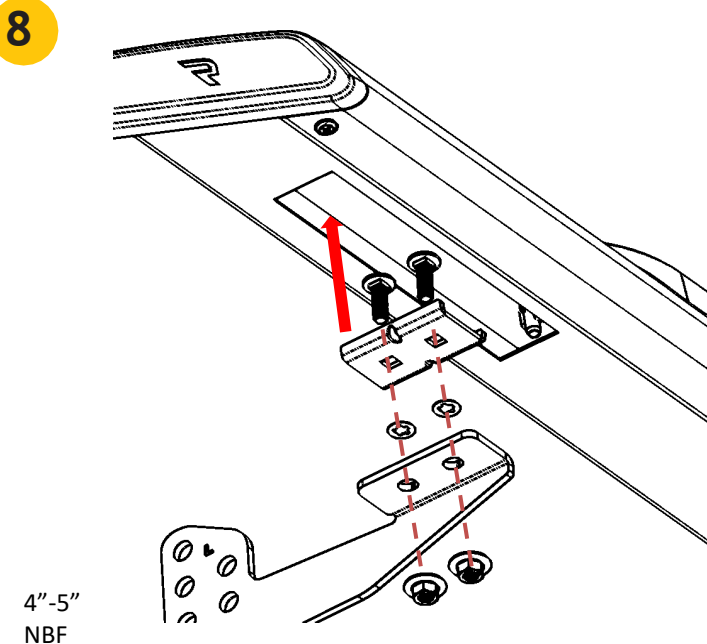
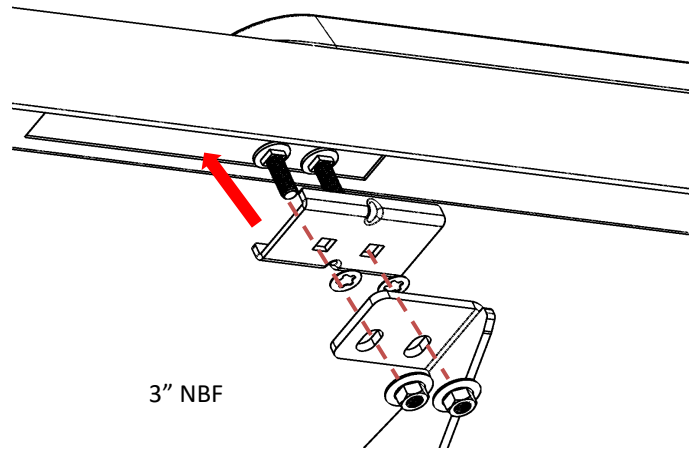


- 6** Insert a carriage bolt (4) through the truck bracket (1 or 2) and into the board bracket (3). Secure using a serrated flange nut. Hand-tighten only at this stage; final tightening will be completed later

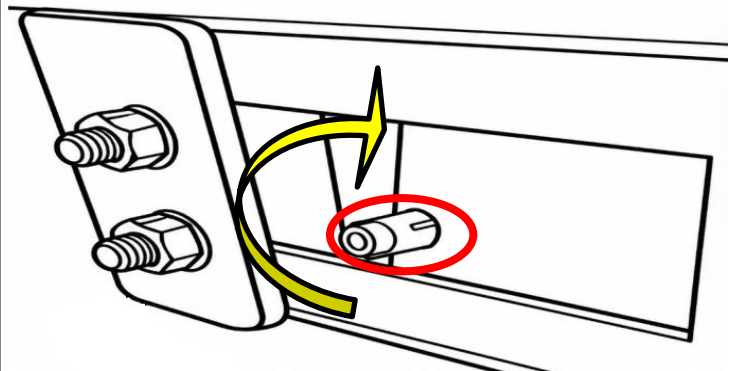


- 7** With one side of the brackets installed, place a **straight edge** (such as a yardstick, level, or the included running board) across the **board bracket tabs**. Adjust as needed to ensure all brackets are level with each other, then fully tighten all hardware.

Position the **board** onto the **board brackets**, ensuring each bracket is oriented correctly. From the underside of the board, insert (1) U-Channel and (2) **M8 carriage bolts** so that the bolts protrude downwards like studs. Use (2) **Retention washers** on the exposed threads to prevent it from backing out. Secure each bolt with (2) **Nut & washer combo**. Repeat this process for the center and rear brackets. Leave all hardware **hand-tight** at this stage for final adjustment. 3/4/5" NBF lower bracket is referenced



- 9** For some applications, the U-channel may interfere with the stems that secure the step pads. To provide adequate clearance, the U-channel can be positioned at a slight angle, or the plastic portion of the stem can be trimmed as needed. **Driver Side Installation & Final Adjustment** Repeat **Steps** on the **passenger side**. Once you are satisfied with the **step board position**, tighten all hardware securely.





SERVICE PARTS

Customer Service

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Service Parts Reference – TRAXIO Steps

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

Make	Model	Cab	Year Start	Year End	Product	Upper Bracket (Includes Hardware)	Lower Bracket (Includes Hardware)	Step Pad Front	Step Pad Rear	End Cap Pair
Ram	2500 / 3500	Regular Cab	2019	2025	NBF 2300	UVB143068	NBF2300TK	NBF23-FSP	N/A	NBF23-EC2
Ram	2500 / 3500	Crew Cab	2019	2025	NBF 2300	UVB143068	NBF2300TK	NBF23-FSP	NBF23-RSP	NBF23-EC2
Ram	2500 / 3500	Regular Cab	2019	2025	NBF 2400	UVB143068	NBF2400TK	NBF24-FSP	N/A	NBF24-EC2
Ram	2500 / 3500	Crew Cab	2019	2025	NBF 2400	UVB143068	NBF2400TK	NBF24-FSP	NBF24-RSP	NBF24-EC2
Ram	2500 / 3500	Regular Cab	2019	2025	NBF 2500	UVB143068	NBF2500TK	NBF25-FSP	N/A	NBF25-EC2
Ram	2500 / 3500	Crew Cab	2019	2025	NBF 2500	UVB143068	NBF2500TK	NBF25-FSP	NBF25-RSP	NBF25-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>

**REGISTER
YOUR
WARRANTY
ONLINE**

