

GO RHINO®

INSTALLATION INSTRUCTIONS

PART NO.

- 5951000T



PRODUCT DESCRIPTION:

- Overland Truck Bed Rack- Midsize Truck

PRODUCT SAFETY & LEGAL DISCLAIMER

- **IMPORTANT READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY.**
- **Review the product package and contents prior to beginning the installation.** Take care when opening the packaging and removing items. If a return is needed you will want to return the product in its original packaging if possible.
- This instruction guide is provided as a GENERAL installation guide, some vehicles vary dimensionally and may require additional steps.
- Test fit the product on the vehicle prior to any third party modifications and or finishing. The manufacturer and/or distributors do not accept responsibility for third party charges, labor and or third part replacement modifications. Some modifications may void the factory warranty.
- Exercise due-diligence when installing this product. The manufacturer and distributors of this product do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product. Careless installation and operation can result in serious injury or equipment damage.
- This product is for general off-road use. All liability for installation and use rests with the owner/operator.
- INSTALLER: Once installation is complete, please return this guide along with other documentation included in this product back to the consumer for future reference. The manufacturer/distributors of this product do not guarantee this particular version will be available at a later date.

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www.gorhino.com 589 W. Apollo St., Brea, CA 92821 P: 888 427 4466



INSTALLATION INSTRUCTIONS

INJURY HAZARD

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.

MAINTENANCE AND CARE

- 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.

WARNING

Some products have been designed to work together with factory rear sensor systems, factory forward facing sensor systems and factory air bags.

- Installation of some of these products may alter the factory sensor system performance.
- Factory sensors may read shackles or hooks protruding from the fairlead and or tow hooks.
- All sensor testing is completed by Go Rhino Products and or third party testing labs on modified vehicles.
- Sensor sensitivity, factory sensor housing, orientation, and operating conditions are all variables that will influence functionality of the sensors.
- Installation of some product may effect the factory air bag systems.
- Some products allow the use of third party products such as winches, shackles, hooks, etc. Follow the respective manufacturers operating instructions for use with our products.
- Make sure to fully understand the product, it's intended use and operation prior to use.
- Above all... be safe!

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INSTALLATION INSTRUCTIONS

PARTS INCLUDED IN THIS LIST:

HARDWARE INCLUDED IN THIS LIST:

ITEM	QTY	DESCRIPTION
1	2	Upper Connecting Tubes (w/ logo)
2	2	Top Connecting Tubes (single weep hole)
3	2	Bottom Connecting Tubes (two weep holes)
4	4	Vertical Upright
5	4	Upper Multi-Core Cross bars (long)
6	6	Side Multi-Core Cross bars (short)
7	8	Threaded Anchor Plates
8	1	Molle Accessory Plate
9	1	Bed Rail Feet (Pair)
10	12	Bed Track Mounting Plates
11	6	Bed Rail Clamp
12	8	16 Gauge Spacer (1 ¼")
13	16	4 Gauge Spacer (1 ¼")
14	8	Spacer Plate

ITEM	QTY	UNIT	DESCRIPTION
1	6	PCS	HEX BOLT 1/4 X 3/4"
2	6	PCS	HEX NUT 1/4"
3	8	PCS	HEX BOLT 3/8"X4"
4	8	PCS	BUTTON SCREW 1/4"X3/4"
5	14	PCS	FLAT WASHER 1/4"
6	14	PCS	LOCK WASHER 1/4"
7	16	PCS	HEX BOLT 3/8"X1"
8	40	PCS	FLAT WASHER 3/8"
9	24	PCS	LOCK WASHES 3/8"
10	16	PCS	HEX NUT 3/8"
11	12	PCS	CARRIAGE BOLT 5/16"X1 1/2"
12	12	PCS	FLAT WASHER 5/16"
13	12	PCS	LOCK WASHER 5/16"
14	12	PCS	HEX NUT 5/16"
15	24	PCS	ABS WASHER 1/16" 2 1/4"
16	16	PCS	ABS WASHER 1/16" 1 1/2"
17	2	SETS	OUTER FOAM GASKETS
18	6	PCS	CENTER FOAM GASKETS
19	40	PCS	BUTTON HEAD SEMS BOLT 1/4"

Go Rhino recommends you, the installer, read this installation instruction manual from front to back before installing the product. You may also [click here](#) to view an installation video or visit <http://www.gorhino.com/Installation-Videos>.

TOOLS NEEDED FOR INSTALLATION:

- ½ Wrench or Sockets
- 4MM Allen Key
- 9/16 Wrench or Sockets

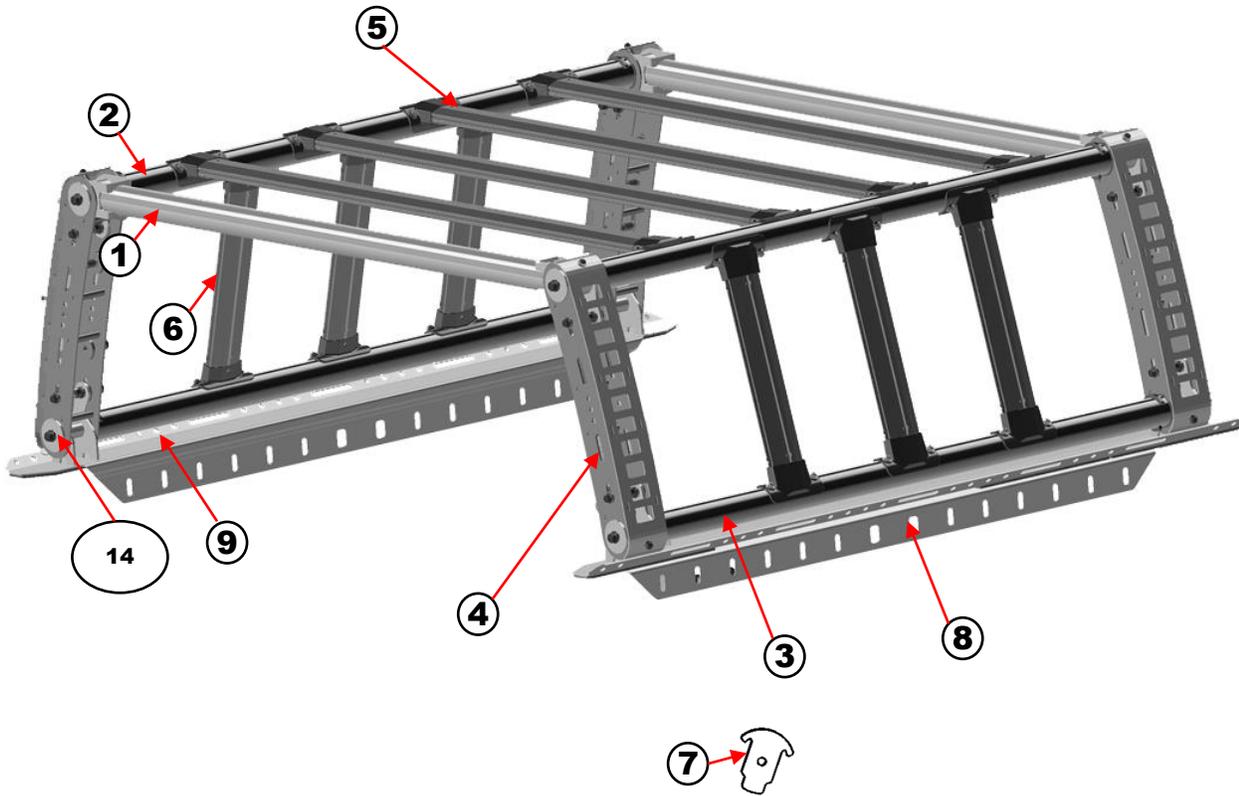
ESTIMATED TIME FOR INSTALLATION:

3-4 Hours

If you need installation service for your new product, call the authorized distributor from whom you purchased the product or an authorized installation service company which can be found by calling toll free 1-888-427-4466

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INSTALLATION INSTRUCTIONS



ITEM	QTY	DESCRIPTION
1	2	Upper Connecting Tubes (w/ logo)
2	2	Upper Connecting Side Tubes (single weep hole)
3	2	Lower Connecting Side Tubes (two weep holes)
4	4	Vertical Upright
5	4	Upper Multi-Core Cross bars (long)
6	6	Side Multi-Core Cross bars (short)
7	8	Threaded Anchor Plates
8	1	Molle Accessory Plate
9	1	Rack Mounting Feet (Pair)
10	12	Bed Track Mounting Plates (Not Shown)
11	6	Bed Rail Clamp (Not Shown)
12	8	16 Gauge Spacer (1 ¼") (Not Shown)
13	16	4 Gauge Spacer (1 ¼") (Not Shown)
14	8	Spacer Plate



INSTALLATION INSTRUCTIONS

Pre-assembly Tips

Layout the main components on a moving blanket or cardboard sheet. Doing so will help you identify all the parts and prevent any damage to the finish. To start the assembly, you're starting the top section of the rack in an upside down fashion. You'll be assembling one corner and repeat the steps 3 more times for each corner. Parts and hardware needed for each upper corner are below.

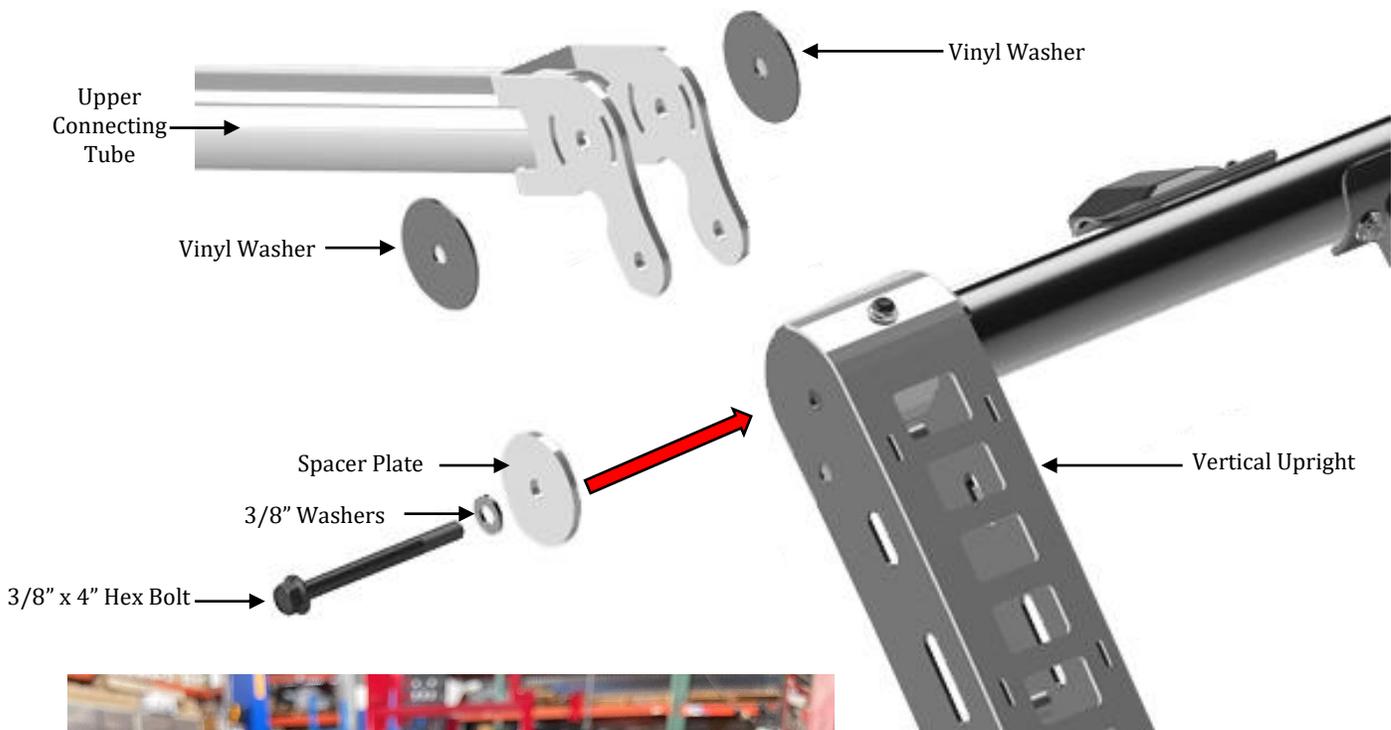
Item	QTY	Description
1	1	Upper Connecting Tubes (w/ logo)
4	1	Vertical Upright
2	1	Upper Connecting Side Tubes (1 Pair) <small>**The top tubes can be identified by the single weep hole on the bottom**</small>
3	1	Lower Connecting Side Tubes (1 Pair) <small>**The lower tubes can be identified by the double weep hole on the bottom**</small>
7	1	Threaded Anchor Plate
12	2	16 Gauge Round Spacer
13	1	14Gauge Round Spacer
16	1	3/8"x4" Hex Head bolt
21	2	3/8"x1" Hex Head bolt
22	2	3/8" Nut
23	3	3/8" Flat Washer
24	3	3/8" Lock Washer
31	2	1 1/2" Vinyl Washer
30	3	2 1/4 Vinyl Washer

INSTALLATION INSTRUCTIONS

Step 1

Connect vertical upright to upper connecting tubes (logos facing outward), u-section goes inside the upright. Install 3/8" x 4" hex head bolt with 3/8" lock washer, 3/8" spacer plate through upright. Before the bolt runs through, you will need to add 2 qty. 2 1/4" Vinyl Washer in between (one per side). Repeat process for each corner*****INSTALLATION TIP***** Use painters tape to hold the vinyl washer in place when assembling it.

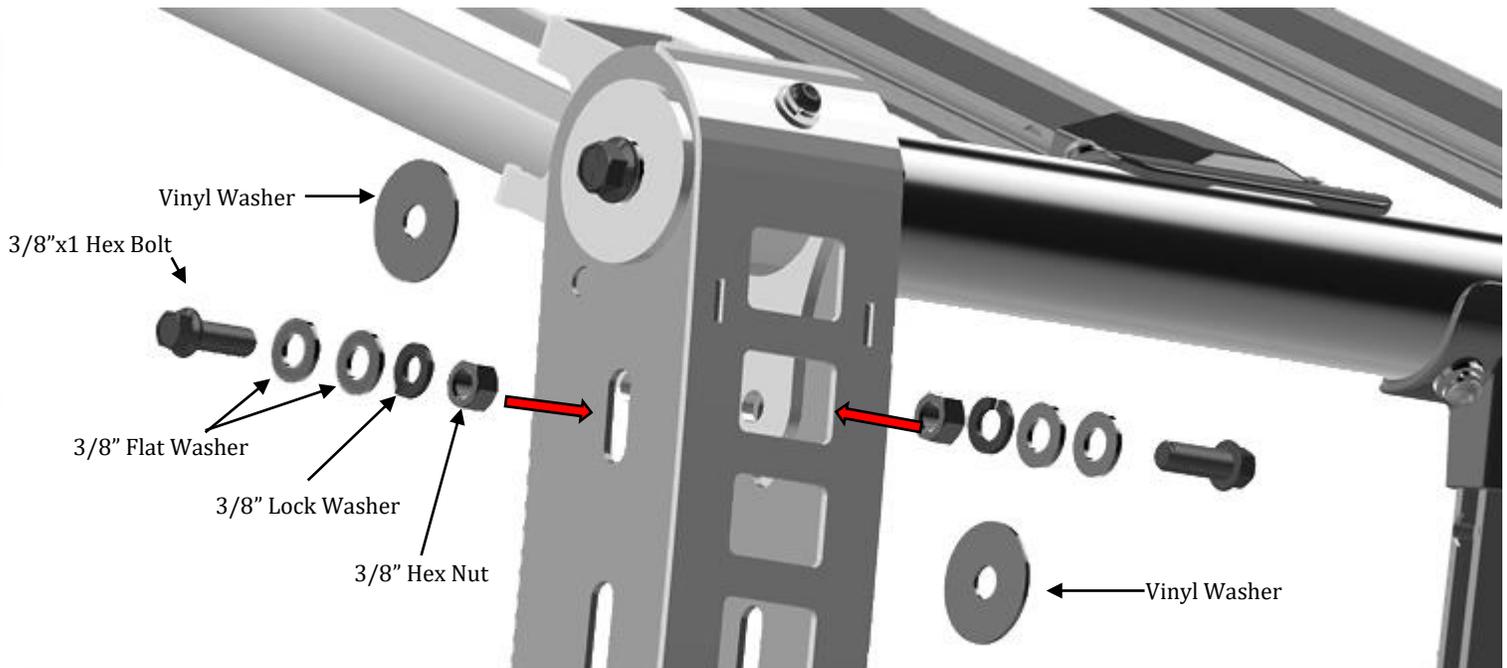
Note: Depending on tolerance, you can use one (1) vinyl washer when assembling upright and logo cross bar



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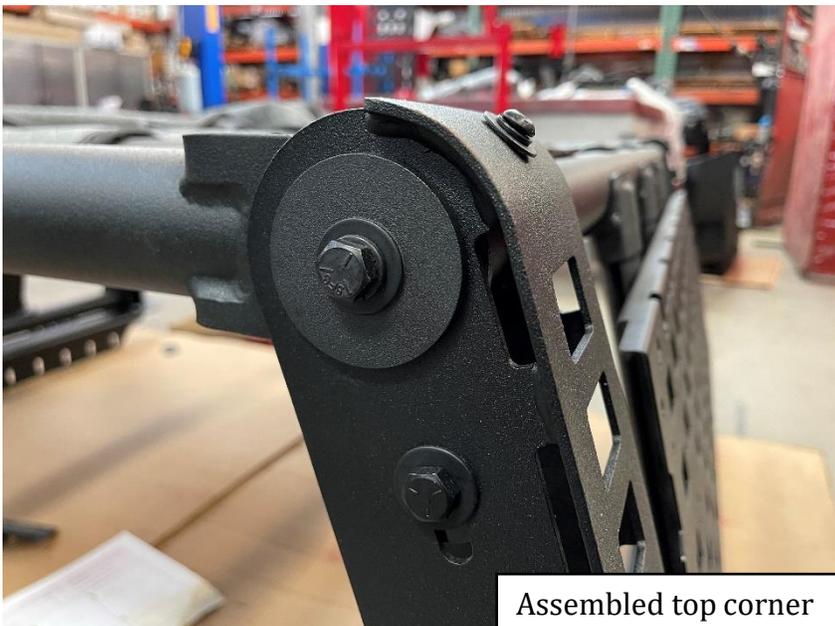
INSTALLATION INSTRUCTIONS

Step 2



For the lower section of Upper Connecting Tube, each upright will take 2 qty. 3/8x1" hex bolts, 4 qty 3/8" flat washers, 2 lock washers, 2 hex nuts. Leave finger tight and repeat process for the remaining three corners. Install the hex bolt from the outside of the upright with one flat washer. On the inside of the upright, you'll need to install the 1 1/2" vinyl spacers in between, then install one 3/8 flat washer, one 3/8 lock washer and one 3/8 hex nut. Repeat process for each upper corner.

Note: Depending on tolerance, you can use one (1) vinyl washer when assembling upright and logo cross bar

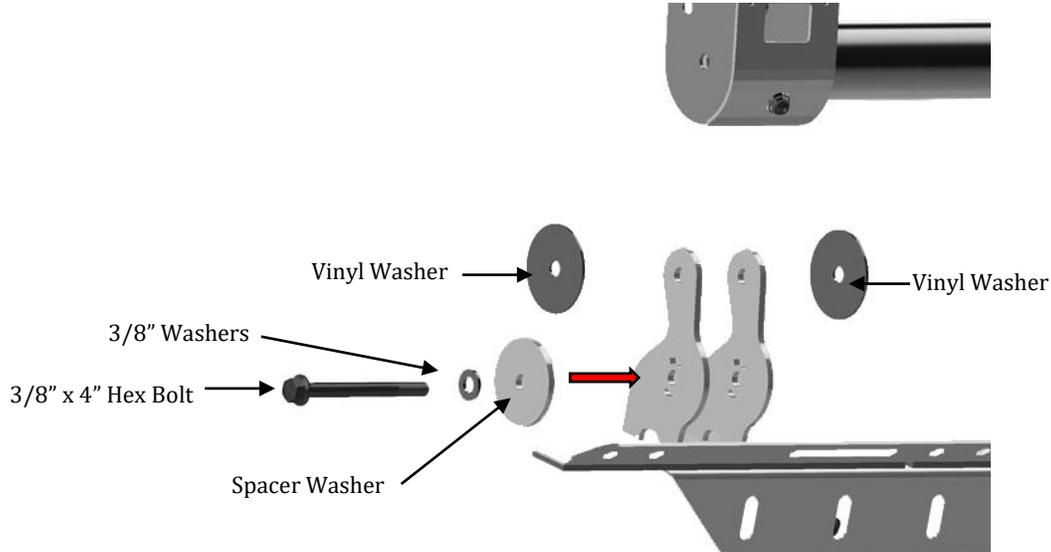


Assembled top corner

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INSTALLATION INSTRUCTIONS

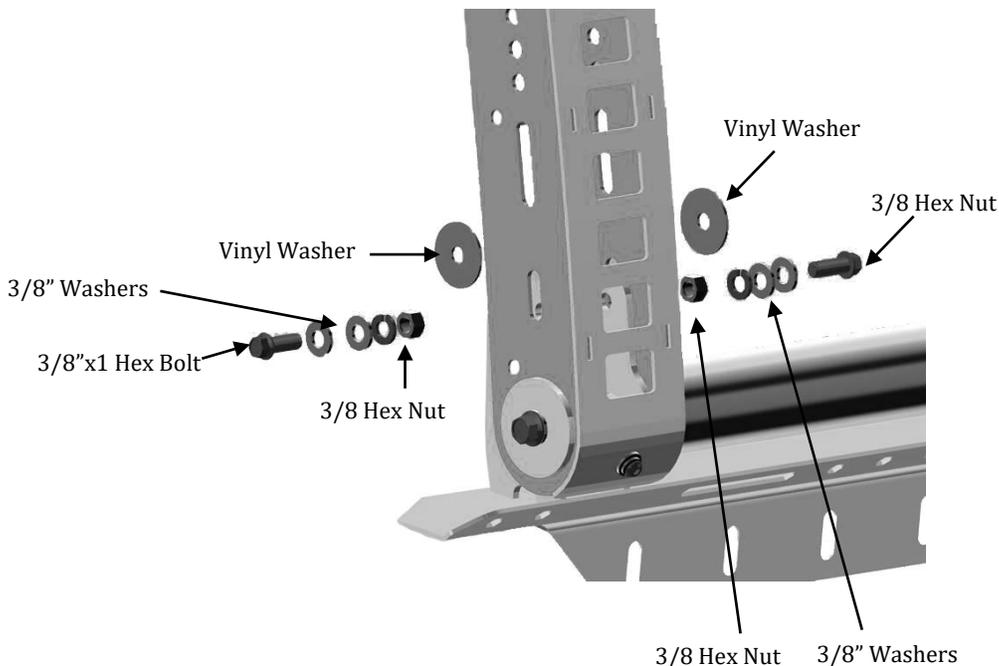
Step 3



Install 3/8" x 4" hex head bolt with 3/8" lock washer, 3/8 flat washer, Spacer Plate through the bottom hole of the upright. Before the bolt runs through, you will need to add (2) 2 1/4" Vinyl Washer in between (one per side)
*****INSTALLATION TIP*** Use painters tape to hold the vinyl washer in place when assembling it.**

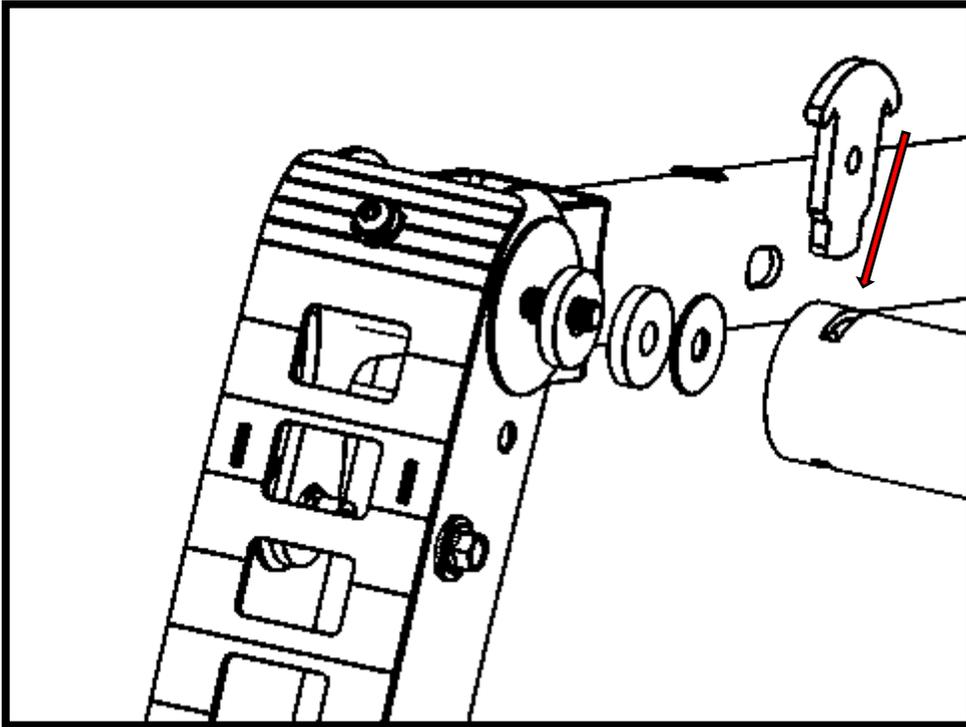
Upper hole, install 3/8"x 1" hex bolt and 3/8" flat washer on the upper holes. Once assembled, install 3/8" flat washer, 3/8" lock washer and 3/8 hex nut. Before the bolt runs through, you will need to add 2 qty. 1 1/2" Vinyl Washer in between (one per side). Repeat this process per bottom upright corner.

Note: Depending on tolerance, you can use one (1) vinyl washer when assembling upright and logo cross bar

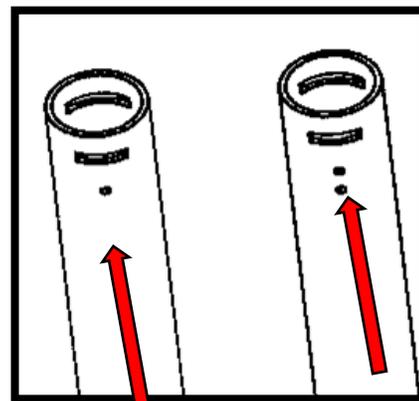
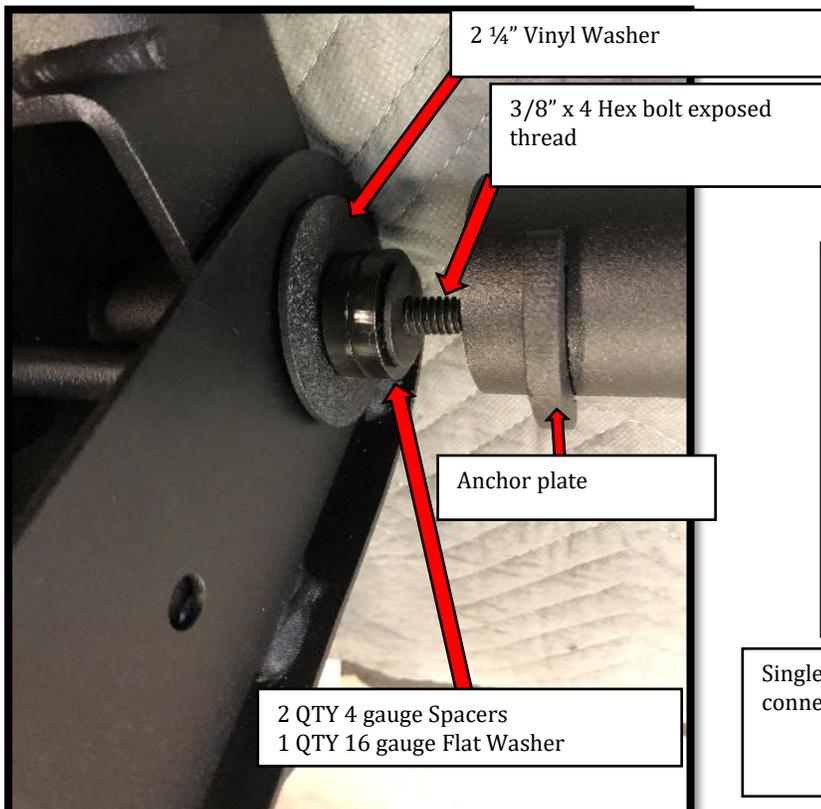


INSTALLATION INSTRUCTIONS

Step 4



- With the 3/8" bolt is run through, it should be only exposed thread. On the exposed thread, install one 2 1/4" vinyl washer, 2 qty 4 gauge spacers, and 1 qty 16 gauge spacer.
- Install threaded anchor plate on top connecting tubes (**single weep hole**). Connect upright to top connecting tubes and thread finger tight. Make sure the anchor plate all the way through the tube and pointing upwards
- ****Identifying how the Top Tubes orientate. The tubes have a series of nutserts pressed into them. Once you identify top and bottom, the tube has to be positioned with the nutserts closest to the edge of the tube facing inwards. You can mock up a cross bar to make sure it facing the correct way. See page 8 for details.



Single weep hole= top connecting tube

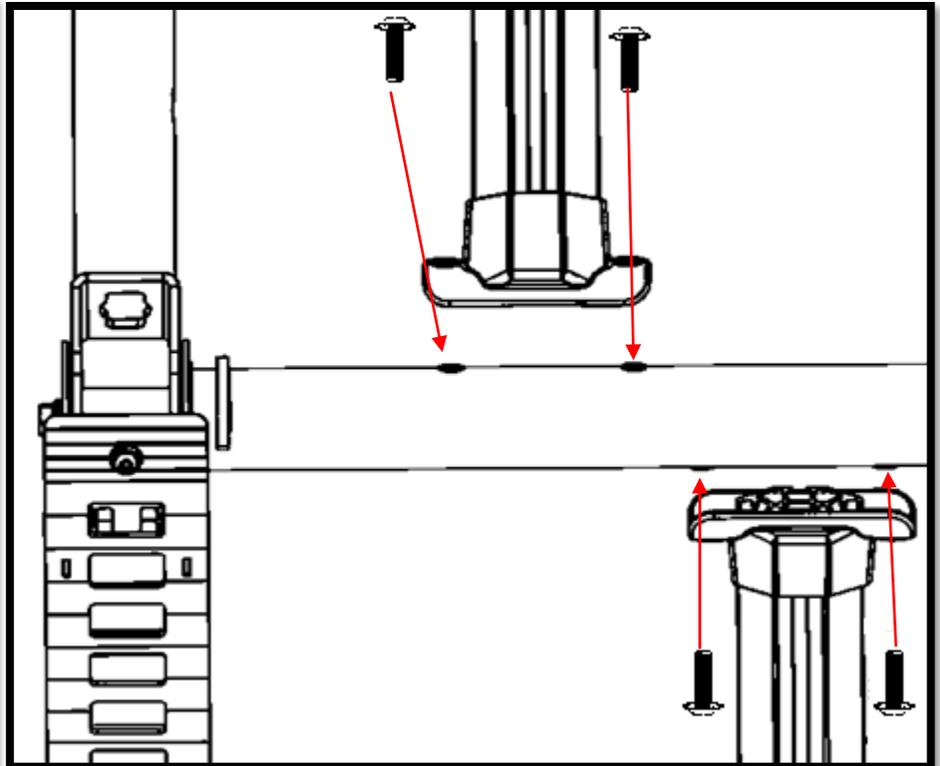
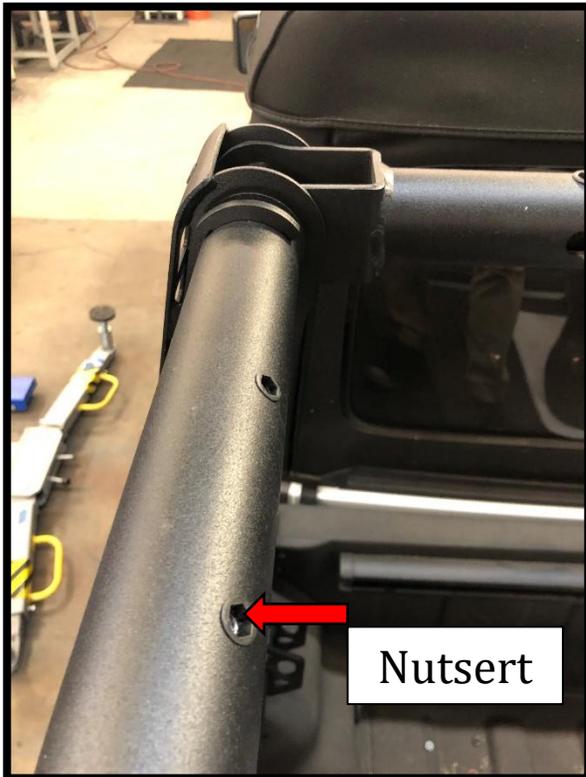
two weep holes= bottom connecting tube

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INSTALLATION INSTRUCTIONS

Step 5

Once you identify the tubes, make sure the nutserts that are closest to the end of the tubes are facing inwards. If this step is skipped, the cross bars will not be able to be installed later in the installation process.



Install and seat each multi-core cross bar on the nutserts located on the connecting tubes. Long cross bars are installed on top, shorter cross bars are installed on the sides. Once installed, use $\frac{1}{4}$ " x $\frac{3}{4}$ " button head SEMS bolt to secure cross bar to the connecting tube (2qty per side). Follow the same steps for the remaining multi-core cross bars and leave finger tight.

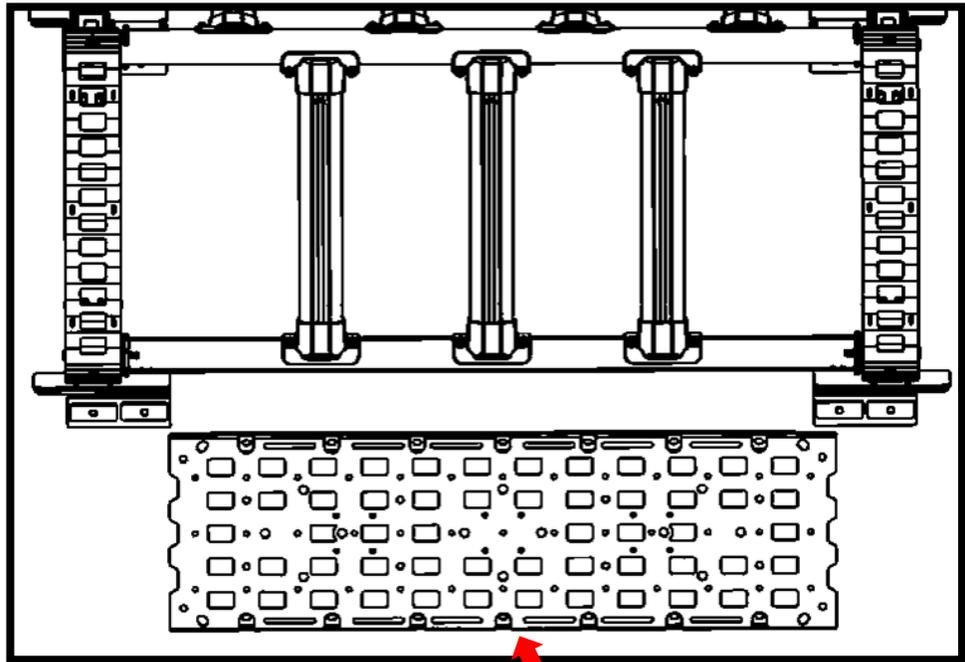
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INSTALLATION INSTRUCTIONS

Step 6

Accessory Moly Plate Installation.

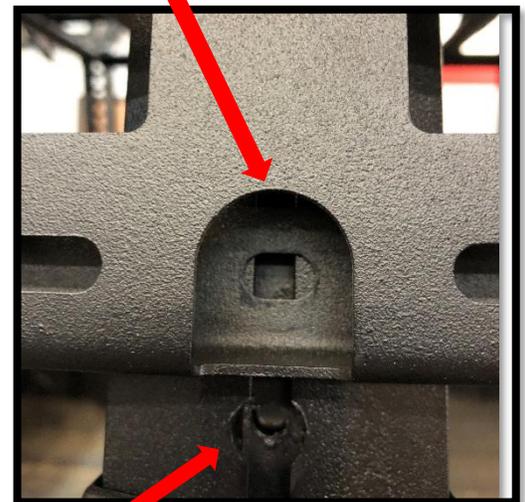
HARDWARE NEEDED	
QTY	ITEM
6	¼ HEX HEAD BOLT
6	¼ FLAT WASHER
6	¼ HEX NUT



- The Accessory Moly Plate is optional to install. Due to the Xtreme Racks symmetrical design, the moly plate can be installed on either side of the Overland rack. Each side cross bar will need two hex bolts, two washers and two hex nuts. Introduce the hex bolt into the existing hole on the cross bar. Once all 6 hex bolts are on, install moly plate, fasten with flat washer and hex bolt



*** Installation Tip*** use painters tape to keep the bolt stationary and not sliding downwards during installation

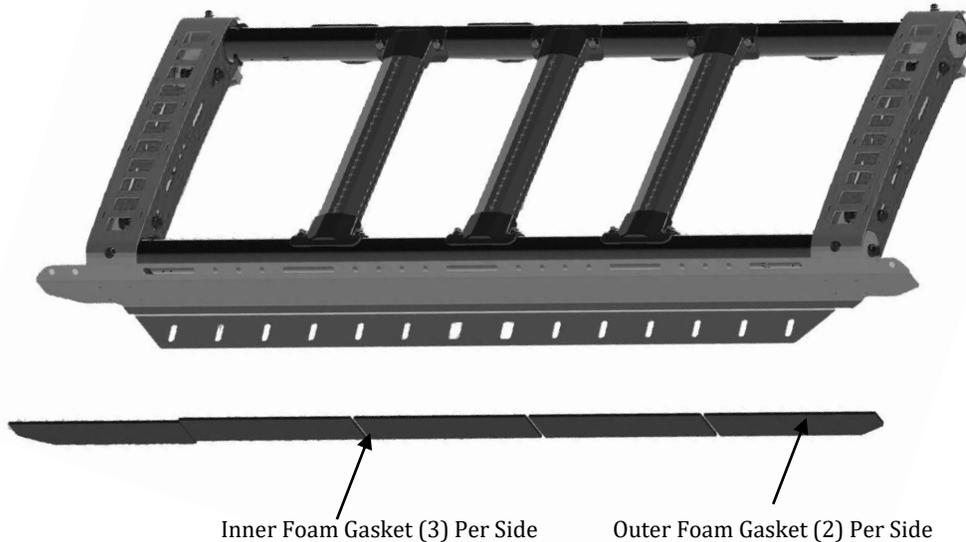


Introduce hex bolt through here.

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INSTALLATION INSTRUCTIONS

Step 7 Preparing to install



Before installing the XRS onto the truck bed, install supplied foam gaskets on the bottom surface of the rack feet. Each side will use (2) outer foam gaskets and (3) inner foam gaskets.

Installation on vehicles equipped with Bed Track System

*******Before you begin to install the threaded bolt plates onto Track System, you will need to remove any installed adjustable tie down cleats. Refer to your owners manual on removal process*******



With tie down cleats removed, install Bed Track Mounting Plate with 5/16" Carriage Bolt bolt plates onto bed track system, the opening is located at the front or at the rear of the bed. Each side will use (6) bolt plate and (6) carriage bolts.

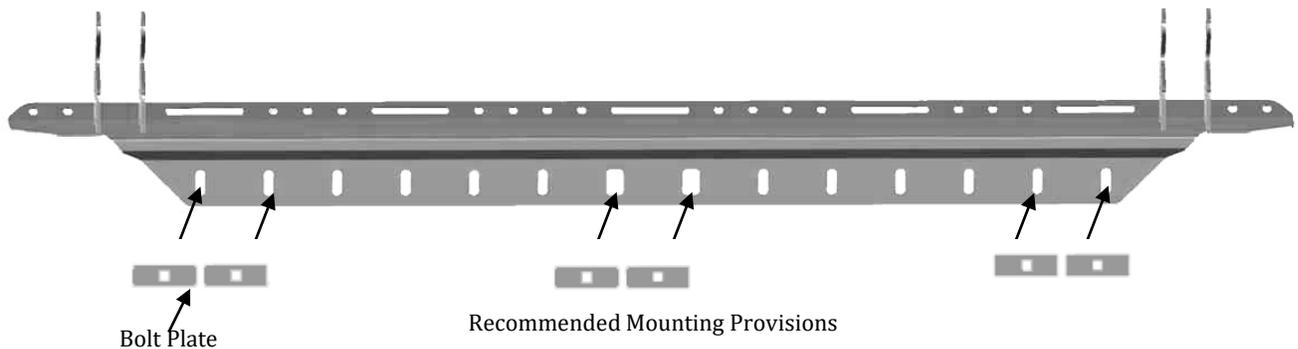
HARDWARE NEEDED	
QTY	ITEM
12	Bed Track Mounting Plates
12	5/16 x 1 1/2" Carriage Bolts

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INSTALLATION INSTRUCTIONS

Step 8

With assistance, place rack system on to bed rail and align the rack mount with the bolt plates inside the track system. Bolt plates should be shown as exposed studs. Fasten each foot with (6) 5/16 Flat Washer, (6) 5/16 Lock Washer and (6) 5/16 Hex Nut. Repeat process for both sides.



The feet on the XRS rack have a series of holes to allow for mounting in different locations. It is recommended to install the plates on the outer sides of the feet as well as in the center. This will help distribute clamping force

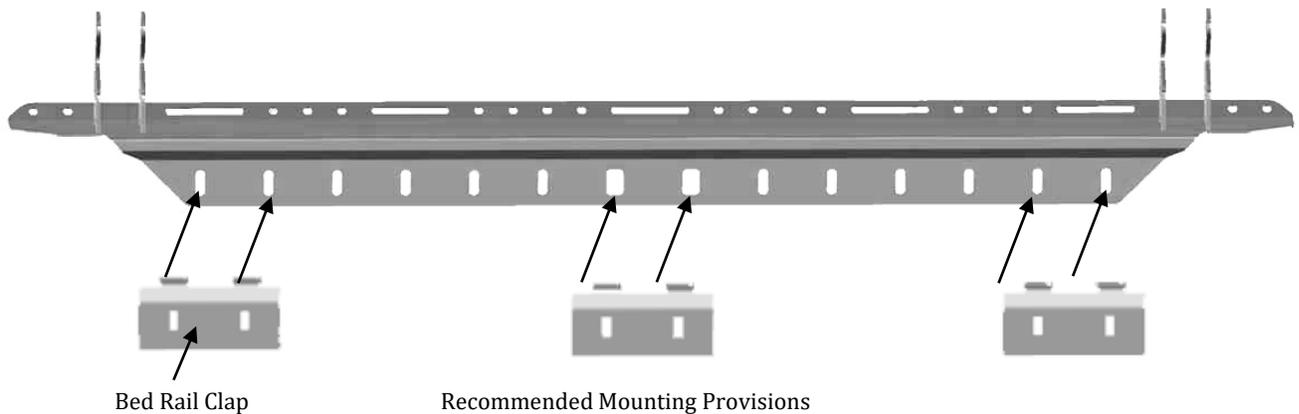
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INSTALLATION INSTRUCTIONS

Step 9

Installation on vehicles equipped without Bed Track System

Use the provided bed rail clamp and install 5/16" carriage bolt from the backside. The teeth on the clamp should rest underneath the bed rail. Once the threads are exposed, use 5/16" flat washer, 5/16 lock washer, and 5/16 hex nut to secure the clamp. Repeat process for each bolt.



The feet on the XRS rack have a series of holes to allow for mounting in different locations. It is recommended to install the plates on the outer sides of the feet as well as in the center. This will help distribute clamping force

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INSTALLATION INSTRUCTIONS

Step 10

Once the feet are secured to the rail, adjust the rack to make it square with the cab and fasten all remaining loose hardware securely. Be sure to inspect all the hardware periodically and fasten as needed.





INSTALLATION INSTRUCTIONS

LIMITED WARRANTY

Go Rhino 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 Go Rhino's specifications in effect as of the date of shipment(s) and will be free from material defects in material workmanship.

Go Rhino 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 Go Rhino'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 Go Rhino 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 Go Rhino has been advised of the possibility of such damages, not withstanding 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, Go Rhino 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 Go Rhino so requests, Buyer shall, at Go Rhino's expense, return such product(s) to Go Rhino. The remedies shall be the Buyer's sole and exclusive remedy and Go Rhino's entire liability for any breach of the limited warrant(ies).

Go Rhino 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 Go Rhino customer service team will answer any questions you may have. Please contact the Go Rhino 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 Go Rhino Products, 1002 Carriers Drive, Laredo, Texas 78045.

PRODUCT REGISTRATION

Please remember to register your new purchase. You may register your product at www.gorhino.com. Registering your product may help speed any future warranty or customer service inquiries.

Thank you again for purchasing from Go Rhino Products

Please take a few minutes to view additional products for your vehicle and more at GORHINO.com
These installation instructions are available on the Go Rhino web site along with installation videos for many of our products.

www.gorhino.com

www.bigcountryauto.com

www.gorhinopd.com