



# GO RHINO BR11 Front Bumper Replacement Instruction Manual

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## GO RHINO BR11 Front Bumper Replacement



## Information

- PART NO.

- 24376T

- **PRODUCT DESCRIPTION:**

- BR11 FRONT BUMPER REPLACEMENT

- **APPLICATION:**

- FORD SUPER DUTY F-250, F-350 2/4WD

## **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.

## **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.

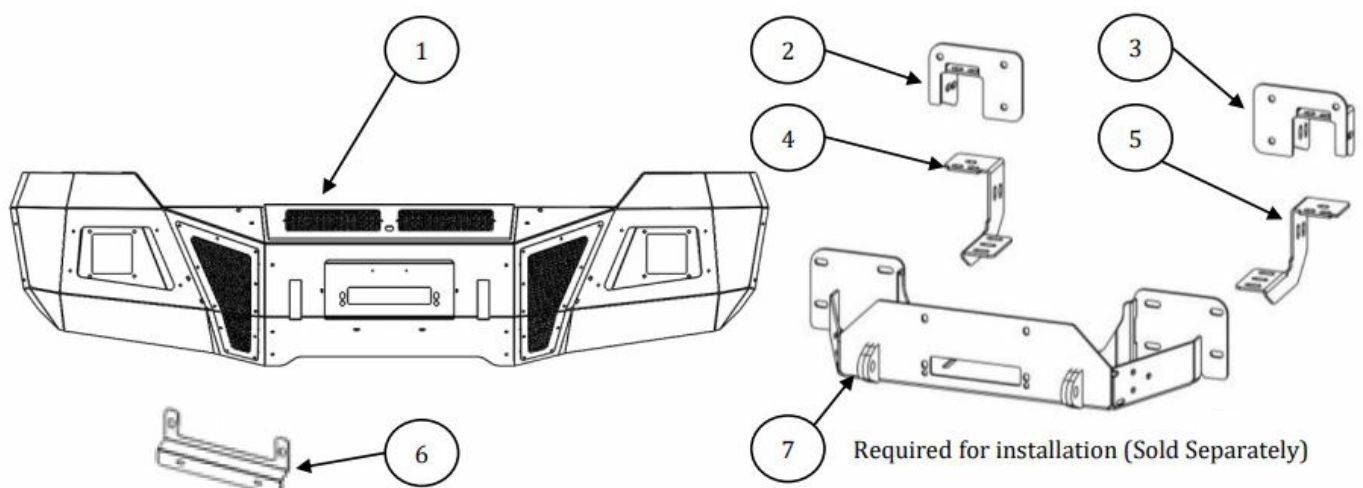
## WARNING

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!

## PARTS AND TOOLS

### PARTS INCLUDED IN THIS LIST



ITEM	QTY.	DESCRIPTION
1	1	BR11 Bumper Replacement Shell
2	1	Passenger Frame Bracket
3	1	Driver Frame Bracket
4	1	Passenger Auxiliary Bracket
5	1	Driver Auxiliary Bracket
6	1	License Plate Bracket
7	1	Mounting Plate/Winch Tray
8	20	½ x 1 ½" Hex head bolt

9	6	½ x 1 ½" Carriage head bolt
10	6	7/16 x 1 ½" Hex head bolt
11	12	7/16" Flat washer
12	6	7/16" Lock washer
13	6	7/16" Hex nut
14	34	1/2" Flat washer
15	26	1/2" Lock washer
16	20	1/2" Hex nut

17	6	3/8 x 1 1/4" Hex head bolt
18	6	3/8" Hex nut
19	12	3/8" Flat washer
20	6	3/8" Lock washer
21	6	1/4" Flat washer
22	34	1/4" Lock hex nut
	1	KTE-G143402G4
23	20	1/4 x 3/4" Sems bolt

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

## TOOLS NEEDED FOR INSTALLATION

- 13mm, 15mm, 18mm, 7/16", 9/16" & 3/4" Sockets
- 13mm, 15mm, 18mm, 7/16", 9/16" & 3/4" Wrenches
- T10 & T15 TORX Driver
- Slotted Blade Screw Driver
- 5/32" Hex Key
- Ratchet, Ratchet Extensions & Swivel Joint Adapter

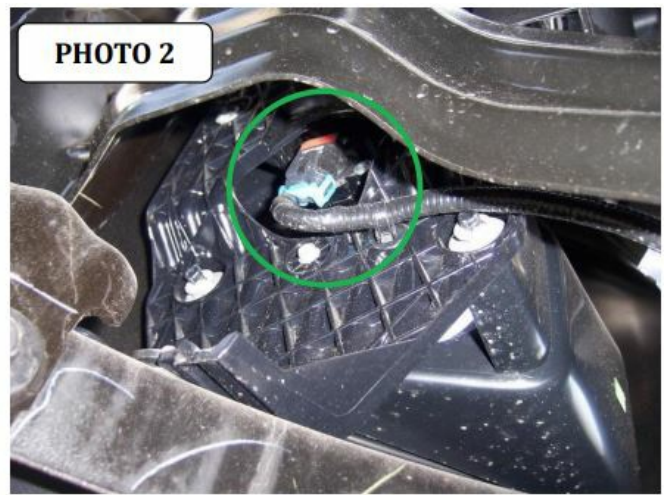
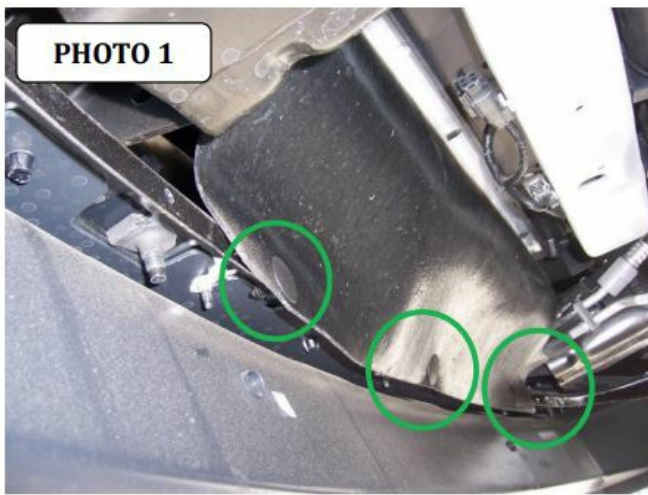
**ESTIMATED TIME FOR INSTALLATION:** 2 Hour

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

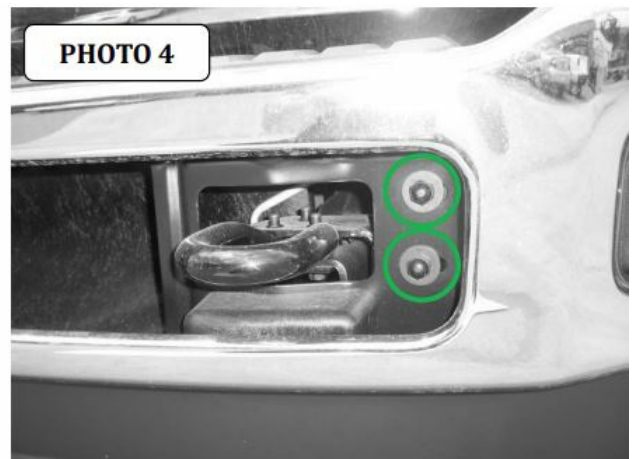
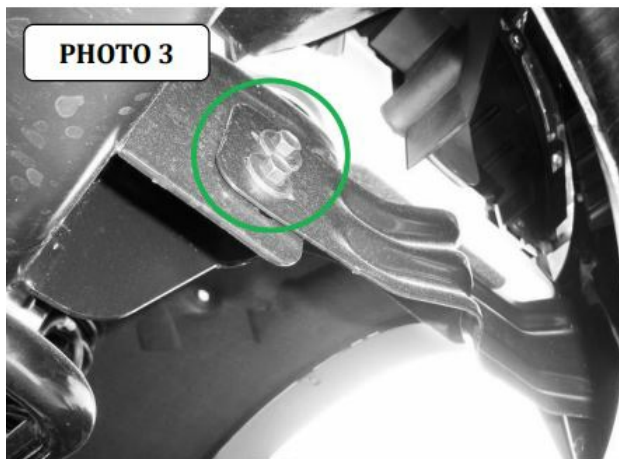
## INSTALLATION INSTRUCTIONS

### OEM Bumper Removal

- **Step-1:** Remove the plastic fasteners and rubber air deflector from the bumper and bottom of the vehicle, (Photo 1).

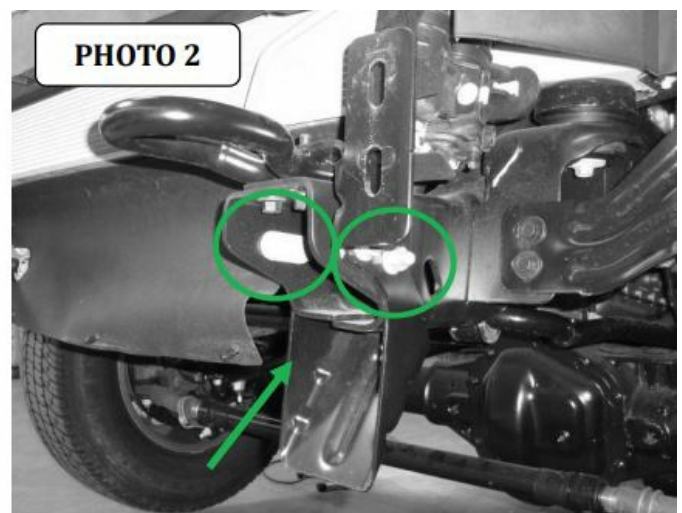
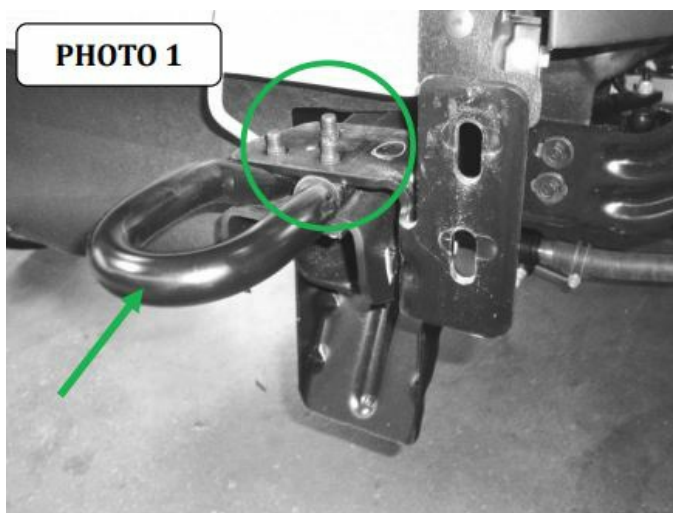


- **Note:** If the vehicle has these options or equipment.
- **Fog Lights:** Unplug the fog light wiring harness and remove the plastic fastener securing the wiring harness to the bumper, (Photo 2).
- **Engine Block Heater:** Remove the plastic fastener securing the power cord to the bumper



- **Step-2:** Remove the bolts (2) per side securing the bumper support brackets to the bumper, and loose the bolts (2) per side securing the support bracket to the vehicle frame, (Photo 3).
- **Step-3:** Remove the bolts (2) per side securing the front of the bumper to the bumper brackets, (Photo 4). Remove the bumper from the vehicle and set it aside.

## BR 10 Bumper Replacement Installation

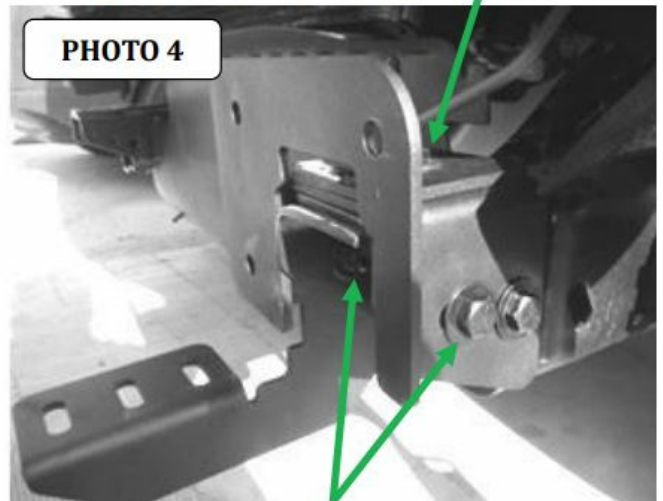
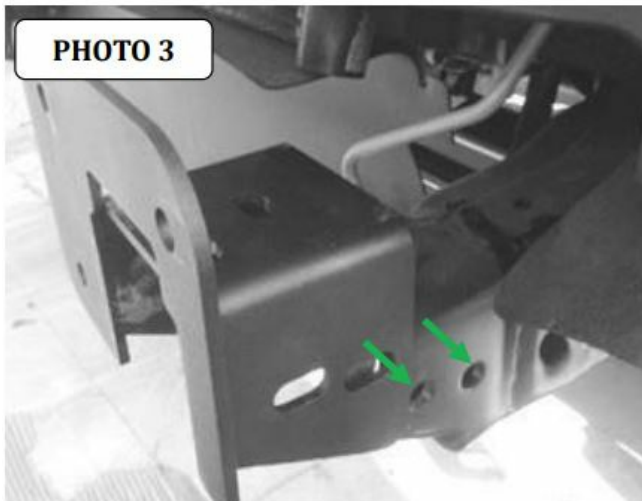


- **Step-1:** Remove the bolts (3) per side securing the tow hooks and bumper bracket assembly to the frame,



(Photo 1). If equipped remove the nuts and bolt plates securing the under rider guards to the frame, (Photo 2).

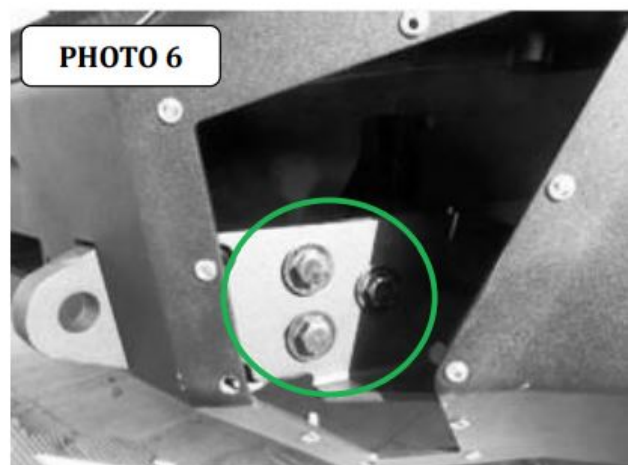
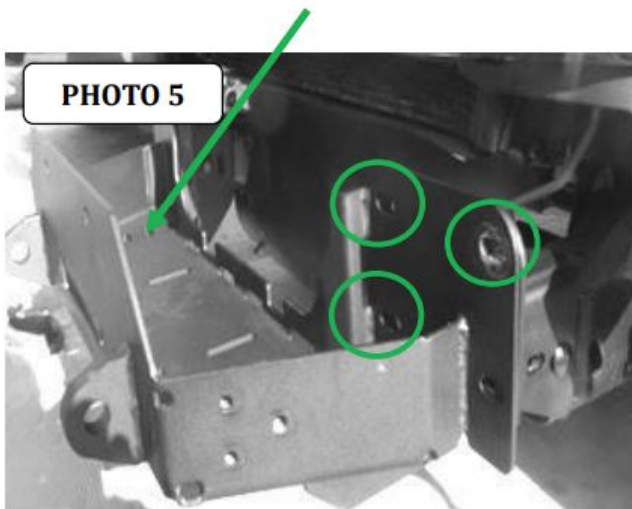
**7/16" hex bolts, washers & hex nuts**



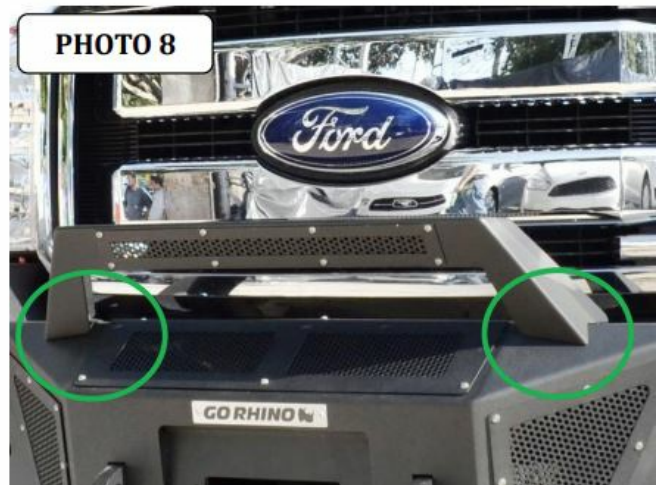
**1/2" hex bolts, washers & hex nuts**

- **Step-2:** Install the driver's side frame bracket by positioning the bracket over the top and sides of the frame. Position the driver side auxiliary bracket on top of the frame bracket align the holes and secure the auxiliary bracket and frame bracket to the top of the frame using (3) 7/16" x 2" hex bolts (6) 7/16" flat washers, (3) 7/16" lock washers and (3) 7/16" hex nuts. Secure the frame bracket and auxiliary bracket to the sides of the frame using (4) 1/2" x 1 1/2" hex bolts, (8) 1/2" flat washers, (4) 1/2" lock washers and (4) 1/2" hex nuts, (Photo 3 & 4). Leave the nuts and bolts loose for final adjustment. Repeat this step to install the passenger side brackets.

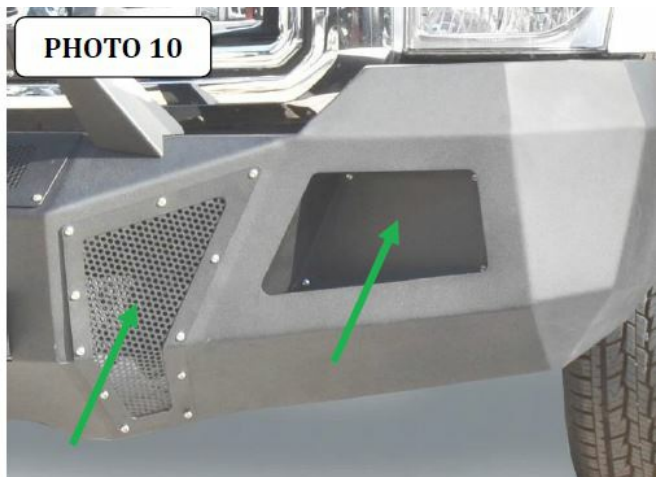
**1/2" carriage bolts, washers & hex nuts**



- **Step-3:** Position the winch tray on top of the auxiliary brackets. Secure the winch tray to each frame bracket using (3) 1/2" x 1 1/2" hex bolts, (3) 1/2" flat washers, (3) 1/2" lock washers and (3) 1/2" hex nuts, and to the auxiliary bracket using (3) 1/2" x 1 1/2" carriage bolts, (3) 1/2" flat washers, (3) 1/2" lock washers and (3) 1/2" hex nuts, (Photo 5). Adjust and position the winch tray mounting flanges approximately 1/4" off center from the frame bracket flanges toward the driver side of the vehicle and tighten all factory and supplied nuts and bolts.
- **Step-4:** With assistance lift the bumper shell up to the vehicle, align the holes in the bumper shell brackets with the weld nuts on the winch tray and secure the bumper shell brackets to each side of the winch tray using (3) 1/2" x 1 1/2" hex bolts, (3) 1/2" lock washers and (3) 1/2" flat washers, (Photo 6). Leave the bolts loose for final adjustment.

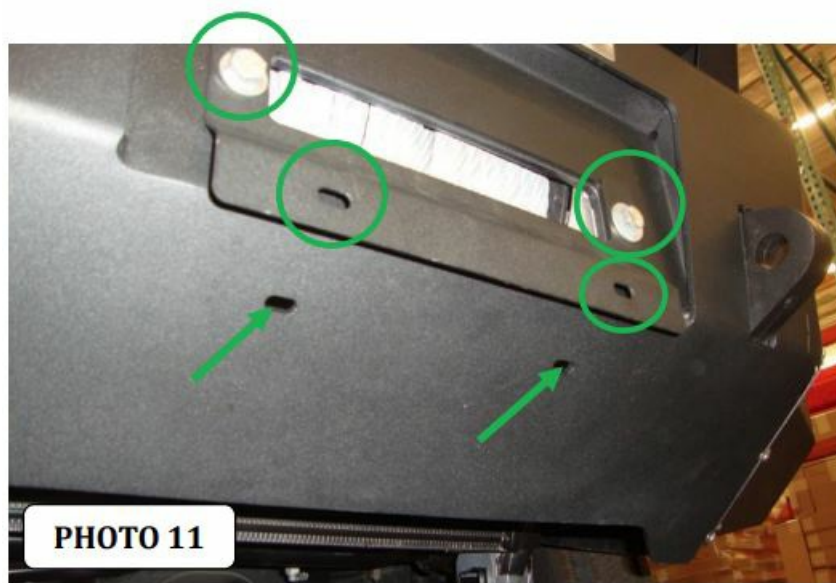


- **Step-5:** Align the holes and attach each of the factory bumper support brackets to the bumper shell support brackets using (2) 3/8" x 1 1/4" hex bolts, (2) 3/8" flat washers, (2) 3/8" lock washers and (2) 3/8" hex nuts, (Photo 7).
- **Step-6:** With assistance, adjust and hold the bumper shell visual alignment, then tighten the support bracket factory and supplied nuts and bolts then all remaining nuts and bolts.
- **Step-7:** If installing a winch, install the roller fairlead to the bumper shell at this time. Refer to the winch manufacturer's instructions for installation. If installing an optional light bar, install the light bar to the bumper shell at this time. Refer to the light bar instructions for installation.



- **Step-8:** Install the winch cover and driver and passenger side front vent covers to the bumper shell using the supplied 1/4" x 3/4" button head bolts, (Photo 9 & 10). Note: Do not over tighten bolts, reference tightening torque (71 in. lbs.).
- **Step-9:** Install the flush mount light pods to the bumper shell using (4) 1/4" x 3/4" button head bolts and (4) 1/4" nylon lock nuts, (Photo 10).





If your state law requires a front license plate, attach the license plate bracket to the holes in the face of the bumper shell, using the supplied 3/8" bolts, washers and nuts, and the license plate to the (2) obround holes in the license plate bracket using the supplied 1/4" bolts and nuts. (Photo 11).

If installing a winch, attach the license plate directly to the (2) obround holes in the lower face of the bumper shell using the supplied 1/4" bolts and nuts.

Remember to check and retighten all factory and supplied nuts and bolts periodically. nuts, (Photo 11).

## **LIMITED WARRANTY**

Go Rhino warrants to Buyer that for a period of five (5) years from the date of shipment of the products) ("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 shipments) 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, 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 products) 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 products) 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 teep, a to ou may ase you respecifind aporn order veetere redu pleastatovide 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](http://www.gorhino.com).
- Registering your product may help speed any future warranty or customer service inquiries.

## Contact

### 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](http://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](http://www.gorhino.com)
- [www.bigcountryauto.com](http://www.bigcountryauto.com)
- [www.gorhinopd.com](http://www.gorhinopd.com)
- 589 W. Apollo St., Brea, CA 92821
- P: 888 427 4466









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## Documents / Resources

	<p><b><a href="#">GO RHINO BR11 Front Bumper Replacement</a> [pdf] Instruction Manual</b></p> <p>BR11 Front Bumper Replacement, BR11, Front Bumper Replacement, Bumper Replacement</p>
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## References

-  [Go Rhino](#)
-  [Big Country Truck Accessories](#)
-  [Big Country Truck Accessories](#)
-  [Go Rhino](#)
-  [Go Rhino](#)
-  [Media Resource Library](#)
-  [Go Rhino Public Safety Division](#)
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