

## INSTALLATION INSTRUCTIONS

**Dakar Sport 52424(1-4) / Dakar 52424(1BB-4BB) / Rhino Charger BB52424(1B-4PS)  
2009 DODGE RAM 1500 P/U 2/4WD**

**Parts List:**

**QTY**

- 1 (1) Dakar / Dakar Sport
- 2 (1) Main mounting brackets set
- 3 (1) Extension brackets set
- 4 (2) Spacers

**(1) Hardware kit including ( KTE-52324 ):**

- 4 (4) 1/2 x 1 1/2" Carriage head bolt
- 5 (2) 1/2 x 2" Hex head bolt
- 6 (6) 1/2" Flat washers
- 7 (6) 1/2" Lock washers
- 8 (4) 1/2" Hex nuts

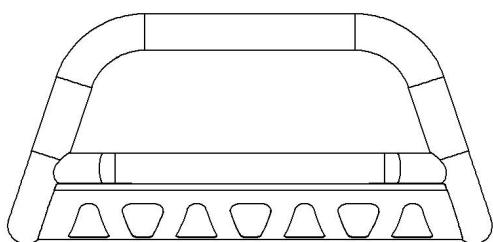
**Tools required:**

- Socket & Wrench 3/4"
- Extension for ratchet
- Utility knife or dremel tool
- Socket & Wrench 19 mm
- Ratchet

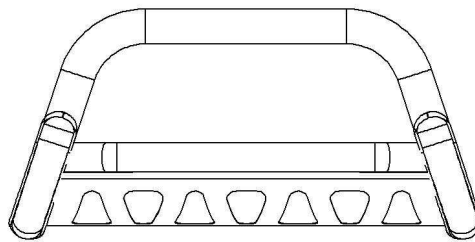
**Instructions:**

**Approximated installation time: 30 min.**

1. Before beginning the installation, please read the instructions thoroughly and verify that the hardware kit is complete. If any of the pieces listed above are missing, call you distributor immediately to obtain the necessary items.



**DAKAR: WITHOUT CAPS**

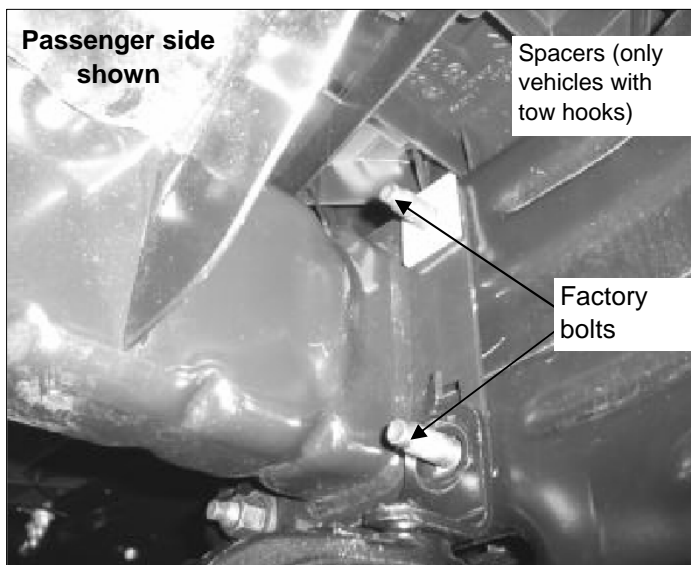
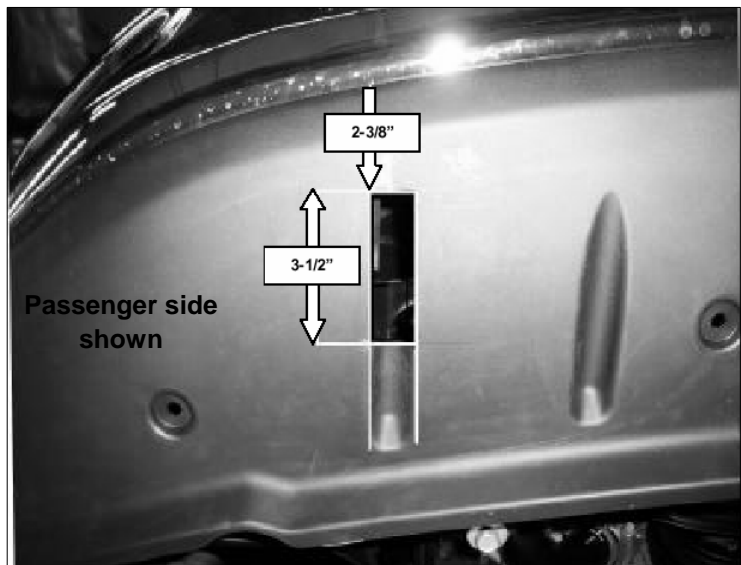


**DAKAR SPORT: WITH CAPS**

2. This installation requires cutting the bumper air dam. Beginning with the passenger side, scribe two vertical lines the width of the outer rib in the bumper air dam. Measure and scribe two horizontal lines as shown. Use a utility knife or dremel tool to cut and remove the rectangular section between the lines. **NOTE:** Verify the measurements before cutting. Repeat the above procedure on the driver side.

**PICTURE 1**

**PICTURE 2**



**Cleaning and care instructions:**

Design:

Quality:

Protect the finish with a non-abrasive automotive wax, (e.g. Pure Carnauba) on a regular basis. The use of any soap, polish, or wax that contains an abrasive is detrimental to the finish, as the compounds scratch the finish and cause corrosion.

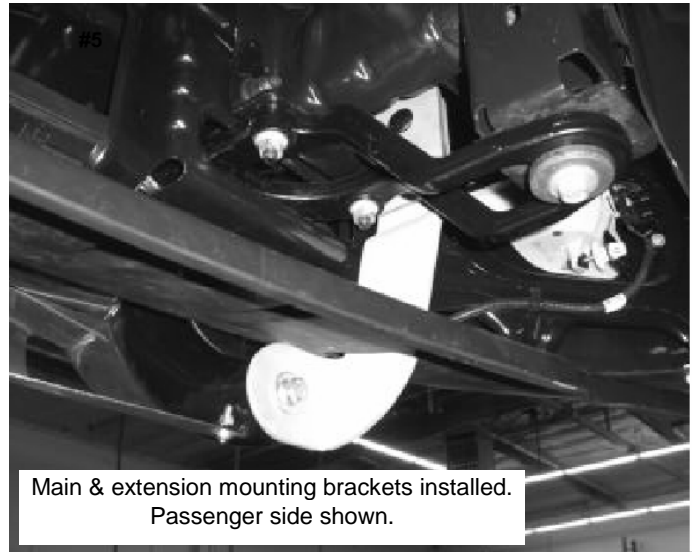
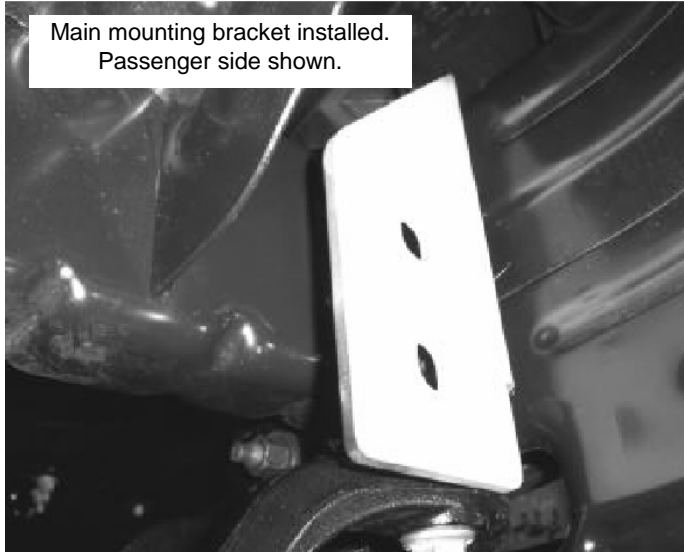
## INSTALLATION INSTRUCTIONS

### Dakar Sport 52424(1-4) / Dakar 52424(1BB-4BB) / Rhino Charger BB52424(1B-4PS) 2009 DODGE RAM 1500 P/U 2/4WD

3. Locate the nuts and studs that secure the bumper bracket to the passenger side frame rail. Remove the (2) outer nuts and install (1) spacer over the upper stud. Picture 2. **NOTE:** The spacer is only used on models equipped with factory tow hooks.

PICTURE 3

PICTURE 4



4. Position the passenger side main mounting bracket over the studs and secure the bracket to the frame using the (2) factory nuts. Do not tighten. Picture 3.

5. Insert the passenger side extension bracket up through the opening cut in the air dam. Attach the extension bracket to the frame bracket using (2) 1/2 x 1 1/2" carriage head bolts, (2) 1/2" flat and lock washers and (2) 1/2" hex nuts. Do not tighten. Picture 4. Repeat the above procedure to install the driver side main mounting bracket and auxiliary mounting bracket.

6. Install Dakar / Dakar Sport on extension mounting brackets using: ( 1 ) 1/2 x 2" hex head bolt, ( 1 ) 1/2" flat washer, ( 1 ) 1/2" lock washer. By each side. Leave loose.

7. Align Dakar / Dakar Sport, and then tighten all bolts, from bottom to top.

9. Do not use abrasive substances to clean your product.

10. Periodically check your product because it may need a re-tighten of bolts.

11. Fill the warranty card and place it inside your vehicle's glove box.



#### Cleaning and care instructions:

Design:

Quality:

Protect the finish with a non-abrasive automotive wax, (e.g. Pure Carnauba) on a regular basis. The use of any soap, polish, or wax that contains an abrasive is detrimental to the finish, as the compounds scratch the finish and cause corrosion.



## INSTALLATION INSTRUCTIONS

### PART NO.

- 55311T / 55316T / 55321T
- 55326T / 55341T / 55346T

### PRODUCT DESCRIPTION:

- RC2 LR CENTRAL MOUNT
- RC2 LR BOTTOM MOUNT

### 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](http://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!

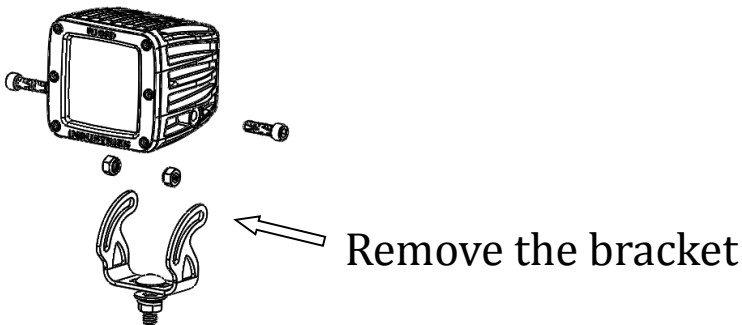
# GO RHINO®

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

## PARTS INCLUDED IN THIS LIST:

1. RC2 LR CENTRAL MOUNT
2. SKID PLATE

1. Install the brackets ( Sold separately ) on the vehicle.
2. Install auxiliary LED ( Sold separately ) on the skid plate as shown in illustrations. Identify which kind of light
3. For dually lights. Remove the bracket from light (do not discard the bolts and nuts).
4. For 20" LED bar. Remove the nuts from the bar (do not discard them).



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:

- 5mm Hex key
- 13mm Wrench

ESTIMATED TIME FOR INSTALLATION:

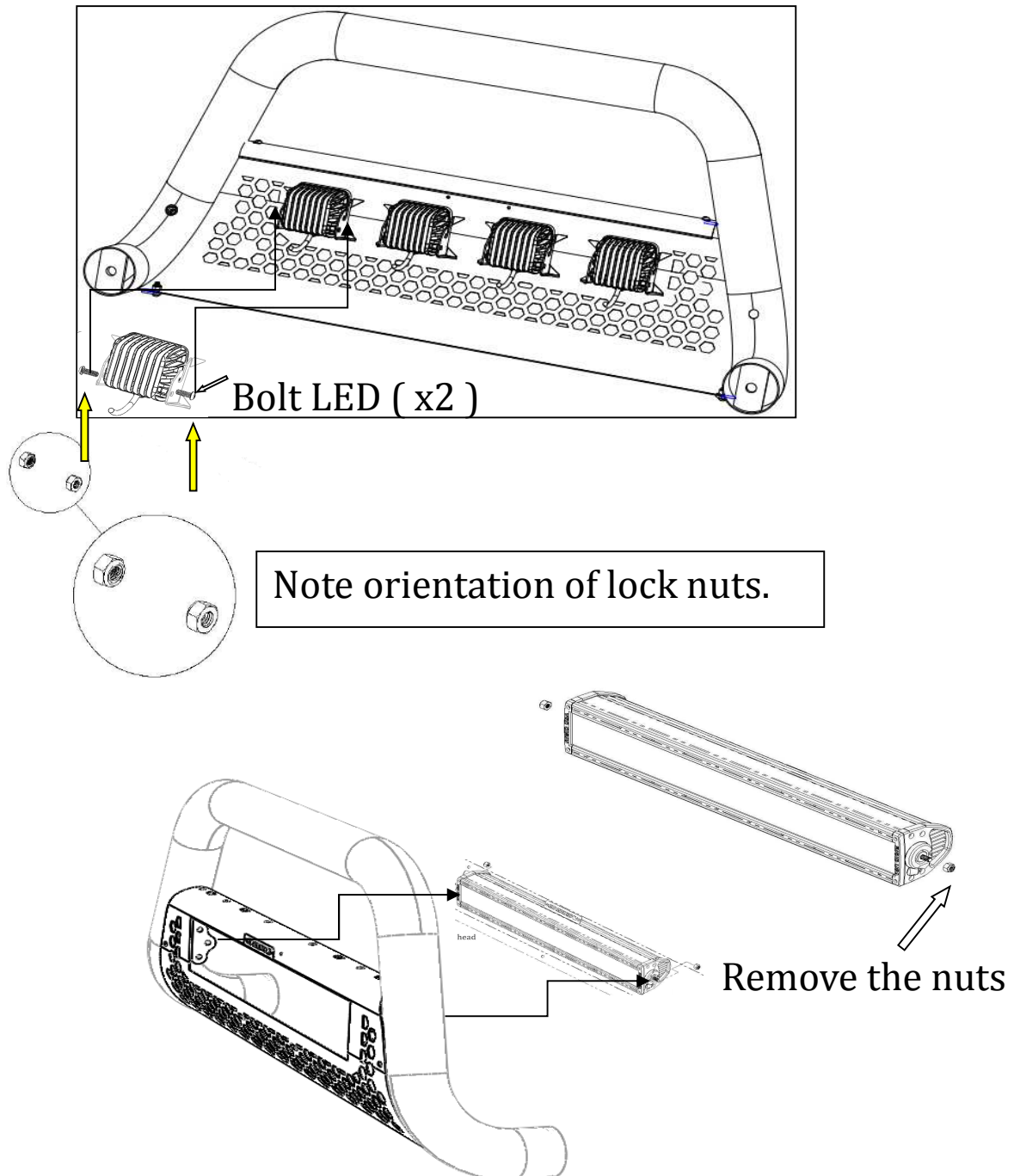
40 min.



## INSTALLATION INSTRUCTIONS

Place the light into the brackets of the skid plate. Attach the light using the bolts and nuts removed.

1. Tighten all the hardware to 70 in/lbs Max. DO NOT OVERTIGHTEN SCREWS.
2. Connect wiring harness according to the LED diagram.





# 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](mailto: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](http://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 [GORRHINO.com](http://GORRHINO.com)  
These installation instructions are available on the Go Rhino web site along with installation videos for many of our products.

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[www.bigcountryauto.com](http://www.bigcountryauto.com)

[www.gorhinopd.com](http://www.gorhinopd.com)