

## **Rear Adjustable Trackbar**

Instruction Manual for Gladiator: #16400-6253



## KIT CONTENT LIST:

Adjustable Track Bar - Rear

## **REQUIRED TOOLS:**

Safety Glasses
21mm Socket
Rachet with Extension
Large Adjustable Wrench
21mm Box Wrench
Torque Wrench
Tape Measure



TO REDUCE RISK OF SERIOUS INJURY OR PROPERTY DAMAGE: READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE NOTICES BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.



RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT. DO NOT USE IF DAMAGED.



## A FEW WORDS ABOUT PRODUCT SAFETY:

Your Lynx Performance Suspension product is intended to enhance the utility and enjoyment of your off-road capable vehicle. Follow safety information and installation recommendations. Throughout these instructions is important safety information that is generally preceded by one of three signal words indicating the relative risk of injury, property damage or adverse consequence.

The signal words mean:



A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY. YOU CAN BE KILLED OR SERIOUSLY HURT IF YOU DON'T FOLLOW INSTRUCTIONS.



A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN A MINOR OR MODERATE INJURY. YOU CAN BE MODERATELY HURT AND ALSO MAY SUFFER PROPERTY DAMAGE IF YOU DON'T FOLLOW INSTRUCTIONS.

NOTICE

CAREFUL ATTENTION IS REQUIRED TO THIS INSTRUCTION OR OPERATION BUT DOES GENERALLY NOT RELATE TO PERSONAL INJURY. DAMAGE TO YOUR LYNX PERFORMANCE SUSPENSION PRODUCT OR OTHER PROPERTY MAY RESULT IF YOU DON'T FOLLOW INSTRUCTIONS.

## **BEFORE YOU BEGIN INSTALLATION:**

Congratulations on your purchase of the Lynx Performance Suspension Adjustable Trackbar. When unpacking, check to make sure all parts are included and not damaged due to shipping. If any part is missing or broken, please call Customer Service at 800-745-6037 as soon as possible. Thank you again for your purchase.

**ACAUTION A** 

READ ALL SAFETY MESSAGES AND ALWAYS WEAR SAFETY GLASSES WHEN WORKING WITH TOOLS.



AFTER COMPLETING THE INSTALLATION, DOUBLE CHECK ALL NUTS AND BOLTS ARE TIGHT AND THAT BRAKE LINES AND OTHER PARTS ARE CLEAR AND DO NOT INTERFERE WITH OPERATION OF VEHICLE.



RE-TORQUE ALL NUTS AND BOLTS TO SPECIFICATIONS AFTER 250 MILES AND PERIODICALLY THEREAFTER.



## STEP 1





Put on safety glasses. Park the vehicle on a level surface. Set the parking brake and chock the wheels. Locate the bolt holding the original trackbar to the frame. (Fig. 1) Remove using a 21mm socket with extension and rachet on one side and 21mm wrench on the other. (Fig. 2) Retain the hardware for later use.

## STEP 2





Find the lower bolt that attaches the trackbar to the axle. Using a 21mm socket and rachet and wrench, remove this bolt. There is a flag bolt on the backside of the bracket. (Fig. 3) Retain this hardware for reattaching the Lynx trackbar. Using both hands, carefully lift trackbar and remove from vehicle. (Fig. 4)

trackbar bolt.

Tip: If needed, use a ratchet strap between the frame and rear differential to take the load off of the lower



## **STEP 3 (CENTERING AXLE)**

With the vehicle at normal ride height and on level ground, determine if the axle is centered under the vehicle. This can be done by measuring the distance from the inside edge of the tire to the frame on both sides of the vehicle equipped with the same size and make of tires. (Fig. 5) Use the exact same points on each side of the vehicle to ensure an accurate measurement. If the two measurements are the same, then the axle is centered. If there is a difference in the two values, then the frame will need to be moved to become centered. To determine the distance of travel needed, take the difference of the two measurements and divide in half. Attach a heavy-duty ratchet strap to the frame on the side of the vehicle with the larger measurement. Attach the other end of the strap to the opposite side axle housing. Tighten the strap in small increments to pull the frame into alignment with the axle. Take a measurement after each adjustment until centered.



**ACAUTION A** 

DO NOT ADJUST TO LONGER THAN 35" WITH AT LEAST 1" OF THREADS OF ADJUSTABLE SECTION LEFT INSIDE OF THE TRACKBAR.

## STEP 4

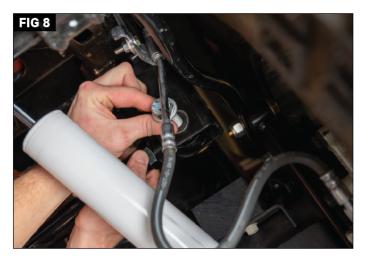




Using the hardware from Step 2, attach the non-adjustable end of the Lynx trackbar to the axle mount. (Fig. 6) Tighten but don't fully torque at this time. (Fig. 7)



## STEP 5





Adjust the length of trackbar by positioning the adjustable rod end bushing in the frame mount until the mounting bolt freely inserts. Turning the adjustable rod counterclockwise will lengthen it and clockwise will shorten it. Using the hardware from Step 1, (Fig. 8) attach the trackbar to the frame mount. (Fig. 9) Do not tighten. Using a large adjustable wrench tighten the jam nut to secure adjustment in place. Tighten frame mount and axle mount bolts at this time. Torque these bolts to 125 ft-lbs. Jam nut should be torqued to 150 ft-lbs.



# **LYNX Exclusive Limited Lifetime Warranty**

Your Lynx <sup>™</sup> branded accessories are covered by the following **Limited Warranty** provided exclusively by Quadratec, Inc., 1028 Saunders Lane, West Chester PA 19380.

**Limited Warranty** coverage is provided only to the vehicle owner at time of product purchase. The vehicle owner is the individual that owns the vehicle on which the Lynx branded product is installed. Sale or other transfer of said vehicle terminates this **Limited Warranty**.

This **Limited Warranty** is the only warranty made in connection with your purchase. Quadratec neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or **Limited Warranty**.

Lynx branded springs and a Lynx branded lift kit must be used TOGETHER for either product to be covered under this Limited Warranty. Lynx branded springs or a Lynx branded lift kit not used together are excluded from warranty coverage.

What is Covered: Subject to the terms, exclusions and limitations herein and with respect only to Lynx branded products first sold in the United States, Quadratec warrants to vehicle owner at time of product purchase that your Lynx branded product(s) shall be free of defects in material and workmanship for the following time periods:

Coil Springs: Lifetime - only to vehicle owner at time of product purchase;

Track Bars: Lifetime - only to vehicle owner at time of product purchase;

Control Arms: Lifetime - only to vehicle owner at time of product purchase;

Shock Absorbers: Five years - only to vehicle owner at time of product purchase;

Lift Kits: Five years - only to vehicle owner at time of product purchase; and

All Other Suspension Products: Five years - only to vehicle owner at time of product purchase.

This **Limited Warranty** is not assignable and shall terminate upon sale of the vehicle upon which the Lynx branded product is installed or upon other transfer to third persons.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability or fitness for a particular purpose extends to the original purchaser for as long as the original purchaser owns the vehicle. Quadratec reserves the rights to: (a.) require invoice or other proof your springs are within the terms of this **Limited Warranty** as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.

#### What is Not Covered:

Your Lynx Limited Warranty does not cover products or parts Quadratec determines to have been damaged by or subjected to: (a.) installation damage, alteration, modification, combination with other parts, failure to maintain or improper installation, repair or service, (b.) defects which pre-date the installation of the Lynx lift kits (if the vehicle is raised) by authorized dealer or shop, (c.) normal wear & tear or gradual reduction in expected performance of vehicle or components, (d.) cosmetic damage or damage from shipping, moisture or water immersion, (e.) fleet, rental or commercial use, (f.) Acts of God, accidents, misuse, negligence, inadequate mounting or impact with vehicle(s), obstacles or other aspects of the environment, (g.) theft, vandalism or other intentional damage. (h.) use in competition or racing.

Other Exclusions: Surface finish is not covered under this Limited Warranty. Claims to any component (other than the Lynx branded product), vehicle, or person are not covered under this Limited Warranty. Damage in any part attributable to vehicle systems or components (including electronic stability control) is not covered under this Limited Warranty.

## Remedy Limited to Repair/Replacement:

The exclusive remedy provided hereunder shall, upon Quadratec's inspection and at Quadratec's option, be either repair or replacement of product or parts (new or refurbished) covered under this

Limited Warranty. If a replacement part is needed before Quadratec can return the purchased part, a replacement part must be purchased. Quadratec will then refund the purchase price of the replacement part if Quadratec determines that the purchased part is covered under this Limited Warranty. Removal, shipping, and installation costs are not covered. Customers requesting warranty consideration should first contact Quadratec to obtain a RGA number (610-701-3336).

#### Other Limitations - Exclusion of Damages - Your Rights Under State Law:

In consideration of the purchase price paid, neither Quadratec nor any independent Quadratec distributor/licensee are responsible for any time loss, rental costs, or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. Your exclusive remedy hereunder for covered parts is repair/replacement as described above.

This **Limited Warranty** gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and /or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

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