



DIRECT-REPLACEMENT
INSTALLATION GUIDE

INEOS GRENADIER (2024-ON)

PERFORMANCE SERIES ATS STABILIZER

985-24-273 24-ON Ineos Grenadier Steering Stabilizer, 1/2" Shaft, PS, 2.0, IFP, 8.6"

983-02-243 24-ON Ineos Grenadier ATS Stabilizer, 8.1" Travel, 23.2" Ext, Through-Shaft, Tie Rod Mount

CONTENTS

| | |
|--------------------------------|----------|
| INTRODUCTION | 1 |
| SAFETY INSTRUCTIONS | 2 |
| INSTALLATION GUIDELINES | 3 |
| STABILIZER INSTALLATION | 4 |
| ADJUSTMENT | 6 |
| MAINTENANCE | 7 |
| WARRANTY | 8 |
| CONTACT | 9 |

INTRODUCTION

Thank you for choosing FOX direct-replacement products for your vehicle. FOX products are designed, tested, and manufactured by the finest professionals in the industry.

FOX recommends that you become completely familiar with the handling characteristics of your modified vehicle before operating it under rigorous conditions, helping to avoid potential rollover situations and other loss of control events. FOX further recommends that you use appropriate protective equipment at all times when operating your vehicle.

To achieve the best performance and product longevity, periodic service and maintenance is required. Please refer to the Service and Upgrades section for more information.

IN THE BOX

- Stabilizers
- Installation Guide

WARNING

SAFETY INSTRUCTIONS

- FOX direct-replacement shocks and stabilizers are designed to fit and allow proper clearance with the stock suspension. If aftermarket suspension components are installed it is the customer's responsibility to ensure that interference between the FOX shocks and other vehicle components does not occur at any point in the shock stroke.
- FOX direct-replacement shocks and stabilizers should always be installed as a set for maximum performance.
- Proper installation and service procedures are essential for the safe and reliable operation of the suspension components and stabilizers, requiring the experience and tools specially designed for this purpose. Installation and maintenance procedures for this product must be performed by a qualified service technician, to avoid potentially unsafe vehicle handling characteristics, which may result in SERIOUS INJURY or DEATH.
- Modifying your vehicle's suspension and/or steering will change the handling characteristics of your vehicle. Under certain conditions, your modified vehicle may be more susceptible to loss of control or rollover, which can result in SERIOUS INJURY or DEATH. Thoroughly familiarize yourself with the modified vehicle handling characteristics before any rigorous vehicle operation. Wear protective body gear and a helmet when appropriate. Installation of vehicle roll bars or cage is highly recommended.
- FOX direct-replacement shocks and steering dampers are gas-charged and are highly pressurized. Placing FOX products in a vise or clamp, applying heat, or attempting to open or service the shock without the proper tools and training can result in SERIOUS INJURY or DEATH. Do not attempt to modify, puncture or incinerate a FOX direct-replacement shock absorber or steering stabilizer.
- Any attempt to misuse, misapply, modify, or tamper with any FOX product voids any warranty and may result in SERIOUS INJURY or DEATH.

WARNING

INSTALLATION GUIDELINES

- Always use a chassis lift for the installation of shocks or stabilizers, and make certain that the raised vehicle is securely attached to the lift to prevent the vehicle from slipping, falling, or moving during the installation process.
- DO NOT install any FOX product without the necessary special tools, expertise and chassis lift or you will subject yourself to the risk of SERIOUS INJURY or DEATH. If you elect to not use a chassis lift (which may result in SERIOUS INJURY or DEATH), ensure that the vehicle is: (1) on level ground, (2) that all tires on the ground during installation are blocked to prevent vehicle movement, (3) that at least two tires are on the ground at all times, and (4) that adequately secured jack stands are used to support the vehicle. NEVER get under the vehicle until you have checked to ensure that the vehicle will be stable during installation.
- FOX direct-replacement shocks and steering stabilizers are designed to fit your vehicle's stock mounts without modification except the reservoir placement on specific models and applications.

STABILIZER INSTALLATION

NOTICE: Medium-strength thread-lock is recommended on all bolts.

1. Please read the installation guidelines on page 3 for instructions on how to properly lift and secure the vehicle.
2. Remove the stock steering stabilizers. Retain the stock hardware for reuse.
3. Install the steering stabilizer to the tie rod as shown (Fig. 1 and Fig. 2). Reuse the stock hardware and torque to OEM specification.
4. Install the eyelet end of the stabilizer in the stock axle location. Reuse the stock hardware and torque to OEM specification. Turn the wheels to compress/extend the stabilizer shaft, if needed, to assist with alignment.

ATS only: The adjuster can be positioned towards the front or rear of the vehicle; however, the thicker spacer must be on the top of the eyelet (between the eyelet and axle) in either configuration.

TIP: It is recommended to position the adjuster towards the rear of the vehicle to help ensure debris does not build up and impair adjuster function.

TIP: Turning the adjuster screw on the eyelet fully counter-clockwise will make compressing/extending the stabilizer easier (Fig. 3).

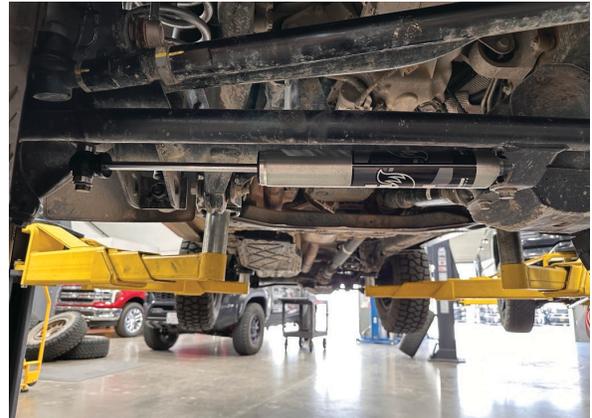


Fig. 1: Install the Performance Series stabilizer.

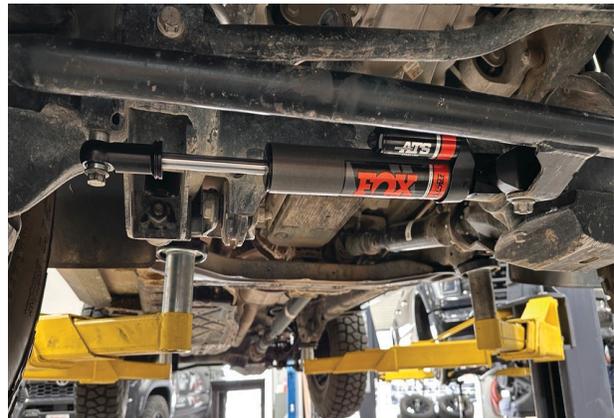


Fig. 2: Install the ATS stabilizer.



Fig. 3: Adjuster screw on eyelet.

5. Turn the vehicle's wheels full lock in each direction, checking for adequate clearance at both ends and that the steering is limited by the stock steering stops, not the stabilizer (Fig. 4 and Fig. 5).
6. Verify the stabilizer does not interfere with any vehicle functions or components (suspension, driveline, engine, etc.) through the entire range of steering and suspension travel.

ATS only: If stabilizer reservoir interference exists, the reservoir can be rotated for adequate clearance. To rotate, loosen the pinch bolt on the L-bracket between the stabilizer and stabilizer mounting adapter, then rotate reservoir as needed. Torque pinch bolt to 12 ft-lb. One drop of medium strength (blue) threadlocker is highly recommended on pinch bolt threads (Fig. 6).

7. Place the vehicle on the ground and recheck that the stabilizer does not interfere with any vehicle functions or components (suspension, driveline, engine, etc.) through the entire range of steering and suspension travel.

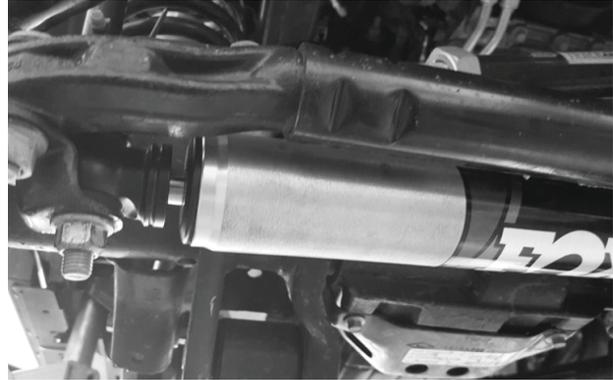


Fig. 4: Sufficient shaft clearance.



Fig. 5: Sufficient shaft clearance.

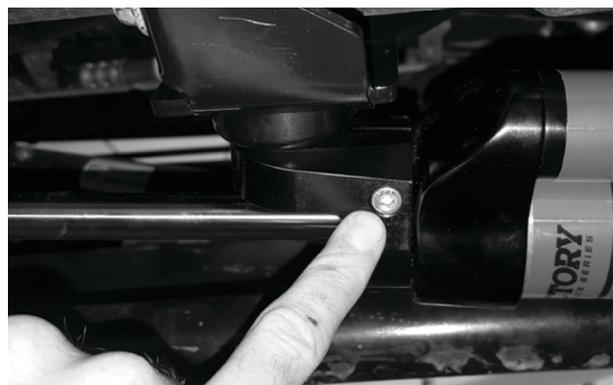
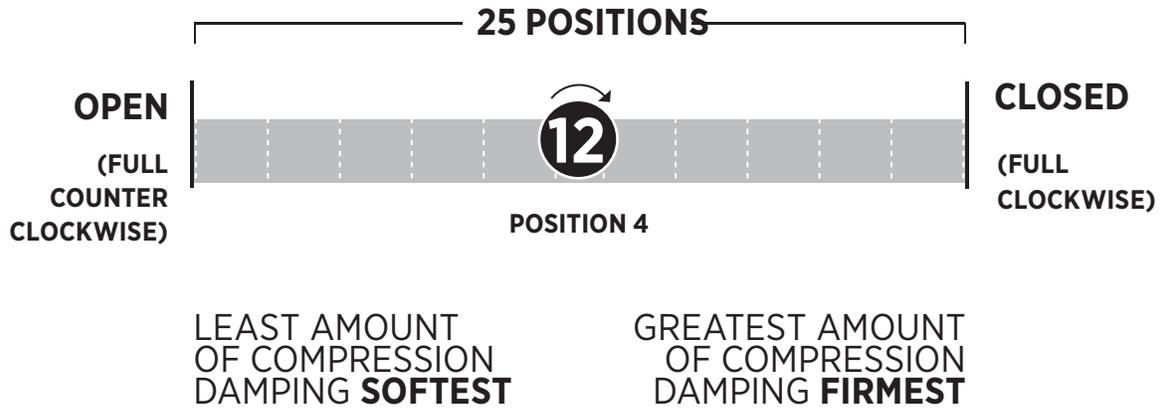


Fig. 6: Pinch bolt to rotate reservoir.

ADJUSTMENT (ATS ONLY)

The Factory Race Series 2.0 ATS Stabilizer is equipped with a slotted adjustment screw on the eyelet that affects steering damping. Turning the adjustment screw clockwise will increase damping, making steering more firm. Turning the adjustment screw counter-clockwise will decrease damping and steering resistance.



MAINTENANCE

PROPER INSPECTION AND MAINTENANCE IS ESSENTIAL TO MAINTAIN THE PERFORMANCE AND RELIABILITY OF YOUR SHOCK ABSORBERS.

To avoid corrosion, you should keep the shocks, springs, and stabilizers clean, free of dirt and moisture. The wiper seal will clean deposits from the shaft, but the shock won't necessarily fully compress every time. This means you could accumulate dirt at the bottom of the shaft and underneath the jounce bumper. Make sure you clean these areas completely to prevent shaft corrosion. Avoid using a high-pressure washer near the shaft seals or adjusters, as this could drive dirt inside the shock.

Make sure the ends of the spring and shock threads are clean and free of dirt before adjusting the preload ring. This will make the adjustment easier and reduce wear.

Ideally, the shocks should be clean around the adjusters. Use a small amount of contact cleaner before making adjustments will keep these parts clean and operating smoothly for years

NOTICE: Keep the shocks, springs, and stabilizers clean and free of dirt or water to avoid corrosion. Keep the shock shaft clean and free of mud. Avoid using a high-pressure washer near the shaft seals and adjusters. Before adjusting preload or the crossover ring, clean the threads of the shock body for easier adjustment and mitigating wear.

FOX SERVICE AND UPGRADES

HAVE YOUR FOX SHOCKS SERVICED BY FOX TECHNICIANS. CALL OUR SERVICE CENTER AT 619.768.1800 TO GO OVER THE SERVICE AND UPGRADE OPTIONS AVAILABLE FOR YOUR PRODUCT. ONCE YOU'VE SETUP YOUR SERVICE AND/OR UPGRADES YOU WILL RECEIVE A RETURN AUTHORIZATION NUMBER AND SHIPPING INSTRUCTIONS.

COMPLETE SERVICES

100% street use: every 50,000 miles
50% street/ 50% off-road use: Every 10,000 miles
100% off-road use: every 1,000 miles

SERVICE MENUS AND PRICING

Visit ridefox.com/service



WARNING: Cancer and Reproductive Harm –
www.P65Warnings.ca.gov

WARRANTY INFORMATION

FOX LIMITED WARRANTY

FOX Factory, Inc., a Georgia corporation having an office at 750 Vernon Way, Suite 101, El Cajon, CA 92020 (“FOX”), makes the following LIMITED WARRANTY with respect to its suspension products:
LIMITED ONE (1) YEAR WARRANTY ON SUSPENSION PRODUCTS.

Subject to the limitations, terms and conditions hereof, FOX warrants, to the original retail owner of each new FOX suspension product, that the FOX suspension product, when new, is free from defects in materials and workmanship. Unless otherwise required by law, this warranty expires one (1) year from the date of the original FOX suspension product retail purchase from an authorized FOX dealer or from a FOX authorized Original Equipment Manufacturer where FOX suspension is included as original equipment on a purchased vehicle. If law requires a warranty duration of greater than one (1) year, then, subject to the other provisions hereof, this warranty will expire at the end of the minimum warranty period required by such law.

TERMS OF WARRANTY

This warranty is conditioned on the FOX suspension product being operated under normal conditions and properly maintained as specified by FOX. This warranty is only applicable to FOX suspensions purchased new from an authorized FOX source and is made only to the original retail owner of the new FOX suspension product and is not transferable to subsequent owners. This warranty is void if the FOX suspension product is subjected to abuse, neglect, improper or unauthorized repair, improper or unauthorized service or maintenance, alteration, modification, accident or other abnormal, excessive, or improper use.

Should it be determined by FOX in its sole and final discretion, that a FOX suspension product is covered by this warranty, it will be repaired or replaced, by a comparable model, at FOX’s sole option, which will be conclusive and binding. THIS IS THE EXCLUSIVE REMEDY UNDER THIS WARRANTY. ANY AND ALL OTHER REMEDIES AND DAMAGES THAT MAY OTHERWISE BE APPLICABLE ARE EXCLUDED, INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR PUNITIVE DAMAGES.

This limited warranty does not apply to normal wear and tear, malfunctions or failures that result from abuse, improper assembly, neglect, alteration, improper maintenance, crash, misuse or collision. This limited warranty gives the consumer specific legal rights. The consumer may also have other legal rights which vary from state to state or country to country. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages or warranties, and if dictated by law the above limitations or exclusions may not apply to you. If it is determined by a court of competent jurisdiction that a certain provision of this limited warranty does not apply, such determination shall not affect any other provision of this limited warranty and all other provisions shall remain in full effect.

THIS IS THE ONLY WARRANTY MADE BY FOX ON ITS SUSPENSION PRODUCTS AND COMPONENTS, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION HEREIN. ANY WARRANTIES THAT MAY OTHERWISE BE IMPLIED BY LAW INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED.

CONTACT

FOX RACING SHOX

A DIVISION OF FOX FACTORY INC.

SALES

750 Vernon Way, Suite 101

El Cajon, CA 92020

1.800.FOX.SHOX (1.800.369.7469)

orsales@ridefox.com

SERVICE

13461 Dogwood Drive

Baxter, MN 56425

1.800.FOX.SHOX (1.800.369.7469)

servicemn@ridefox.com

