



**DIRECT-REPLACEMENT
INSTALLATION GUIDE**

INEOS GRENADIER (2024-ON)

PERFORMANCE SERIES 2.0 PERFORMANCE ELITE SERIES 2.5 DUAL SPEED COMPRESSION EVO

885-24-270: Kit: 24-ON Ineos Grenadier, Front, 2.0 Truck PS, R/R, 0-2" Lift

885-24-271: Kit: 24-ON Ineos Grenadier, Rear, 2.0 Truck PS, R/R, 0-2" Lift

883-26-166: Kit: 24-ON Ineos Grenadier, Front, 2.5 Truck PES, R/R, DSC EVO, 0-2" Lift

883-26-273: Kit: 24-ON Ineos Grenadier, Rear, 2.5 Truck PES, R/R, DSC EVO, 0-2" Lift

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INTRODUCTION

Thank you for choosing FOX direct-replacement shocks 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

- Mounting Hardware
- Reservoir Mounts
- Front and Rear Shocks
- Installation Guide

SUPPLIED PARTS

SHOCK ASSEMBLY			
FOX PN	DESCRIPTION	QTY	NOTES
885-24-270	FRONT KIT	N/A	Performance Series
985-24-270-L/R	FRONT, LEFT/RIGHT SHOCK	2	
885-24-271	REAR KIT	N/A	
985-24-271-L/R	REAR, LEFT/RIGHT SHOCK	2	
883-26-166	FRONT KIT	N/A	Performance Elite Series
983-26-166-L/R	FRONT, LEFT/RIGHT SHOCK	2	
883-26-273	REAR KIT	N/A	
983-26-273-L/R	REAR, LEFT/RIGHT SHOCK	2	

FRONT RESERVOIR BRACKET ASSEMBLY			
FOX PN	DESCRIPTION	QTY	NOTES
026-01-339-1	DRIVER SIDE, RESERVOIR MOUNT	1	Brackets mount the front reservoirs to the vehicle.
026-01-339-2	PASSENGER SIDE, RESERVOIR MOUNT	1	
803-02-088	MOUNTING KIT, PERFORMANCE SERIES	N/A	Each bracket uses two clamps and a clamp uses two screws.
018-01-066	SCREW: 8-32, 3/4"	8	
026-01-166-1	2.0 RESERVOIR CLAMP, TOP	4	
026-01-166-2	2.0 RESERVOIR CLAMP, BOTTOM	4	
803-02-089	MOUNTING KIT, PERFORMANCE ELITE SERIES	N/A	Each bracket uses two clamps and a clamp uses two screws.
018-01-066	SCREW: 8-32, 3/4"	8	
026-01-167-1	2.5 RESERVOIR CLAMP, TOP	4	
026-01-167-2	2.5 RESERVOIR CLAMP, BOTTOM	4	

*Hardware Reference is used throughout the installation manual to provide notation of the supplied kit.

WARNING

SAFETY INSTRUCTIONS

- FOX direct-replacement shocks 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 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, 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 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 are gas-charged and are highly pressurized. Placing shocks 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.
- 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, 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 are designed to fit your vehicle's shock mounts without modification except the reservoir placement on specific models and applications.

FRONT SHOCK INSTALLATION

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

1. Please read the installation guidelines on page 4 for instructions on how to properly lift and secure the vehicle.
2. Remove both front wheels from the vehicle.
3. Pull the fender liner from the wheel well (Fig. 1).



Fig. 1: Pull the fender liner.

RESERVOIR BRACKET INSTALLATION

1. Remove the bolts that fasten the brake bracket to the frame of the vehicle (Fig. 2).
2. Mount the reservoir bracket under the brake bracket. Replace the brake bracket and secure the OEM fasteners (Fig. 3). Torque to OEM specification.

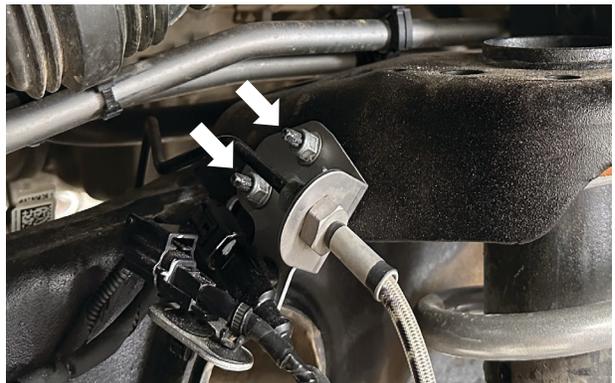


Fig. 2: Remove the brake bracket bolts.



Fig. 3: Mount the reservoir bracket under the brake bracket.

STOCK SHOCK REMOVAL

1. Remove the bolt connecting the shock to the axle, then remove the bolt connecting the shock to the frame. It may be necessary to support or raise the vehicle axle in order to remove bolts and for installation of new FOX shock. Do not discard bolts and nuts, as they will be used with the FOX shock installation.

FOX SHOCK INSTALL

1. Install the new shock assembly to the vehicle mounts using OEM hardware. Make sure the hose fitting faces outboard and the reservoir pointed toward the front of the vehicle (Fig. 4). Torque to OEM specifications.
2. Mount the reservoir to the mounting bracket with the supplied reservoir clamps (D1-3). Utilize the slots in the bracket to locate the clamps. Do not feed the clamps through the slots in the bracket (Fig. 5). Once installed, the reservoir should mount flush with the mounting bracket (Fig. 6 and Fig. 7).

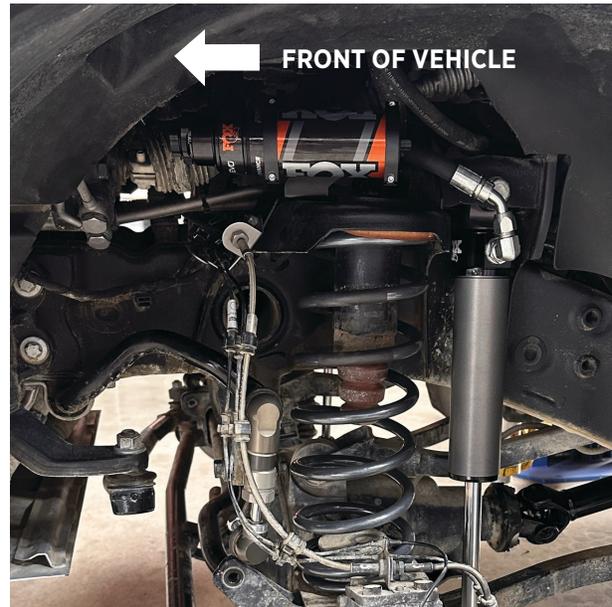


Fig. 4: Install the FOX shock.

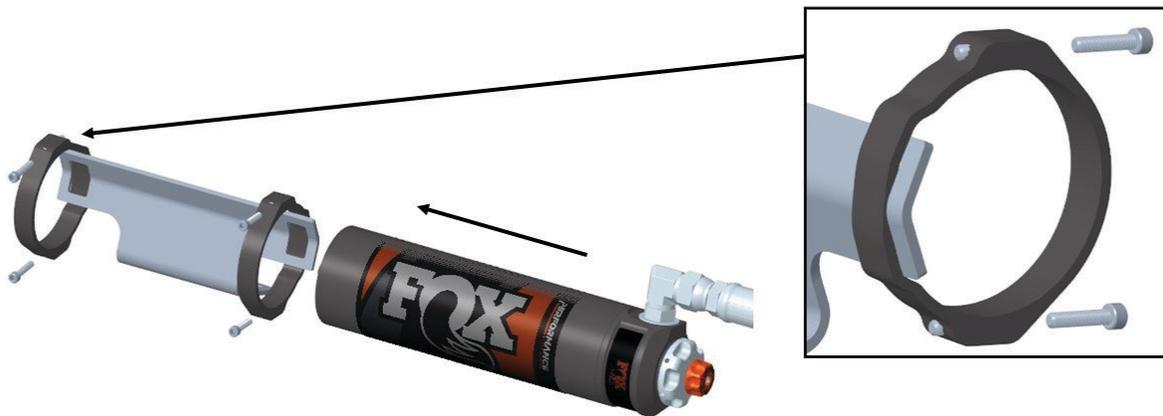


Fig. 5: Diagram of reservoir and bracket interface.



Fig. 6: Mounted Performance Elite Reservoir.



Fig. 7: Mounted Performance Series Reservoir.

FENDER LINER TRIMMING

NOTICE: Fender liner trimming is required for Performance Elite applications to ensure correct fitment.

1. Test fit the fender liner and assess how much trimming is required. Draw a cut line on the fender liner (Fig. 8).
2. Remove the fender liner and begin with a conservative cut. Repeat test fitting and cutting until you've achieved the desired appearance and adequate access to the DSC EVO adjustment knobs (Fig. 9).



Fig. 8: Test fit the fender liner.



Fig. 9: Example of a cut fender liner.

REAR SHOCK INSTALLATION

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

1. Please read the installation guidelines on page 4 for instructions on how to properly lift and secure the vehicle.
2. Remove both rear wheels from the vehicle.

STOCK SHOCK REMOVAL

⚠ WARNING: It may be necessary to support or raise the vehicle axle in order to remove bolts and for installation of new FOX shock. Do not discard bolts and nuts, as they will be used with the FOX shock installation.

1. To remove rear stock shocks, first, remove the bolt securing the shock to the axle. Next, remove the 2 bolts securing the shock mount to the frame (Fig. 10). Once the shock and mount are off the vehicle, remove the shock from the mount. Retain the OEM mount.

FOX SHOCK INSTALL

1. Connect the FOX shock to the vehicle mounts using the OEM hardware. The shock must be mounted with the reservoir pointing rearward and the hose on the inboard side of the vehicle (Fig. 11). Torque to OEM specifications.

FINAL CHECK AND DETAILS

1. Check that the suspension has proper clearance.
2. Reinstall the wheels and torque to OEM specifications.
3. Set the vehicle back on the ground and drive back and forth several feet to allow the suspension to settle. Now measure ride height and adjust if necessary. READ INSTALLATION GUIDELINES ON HOW TO PROPERLY ADJUST PRELOAD.
4. It is highly recommended that you have your wheel alignment checked.

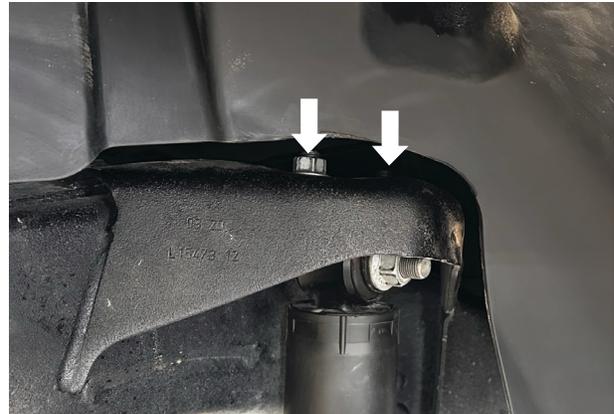


Fig. 10: OEM mounting nuts.

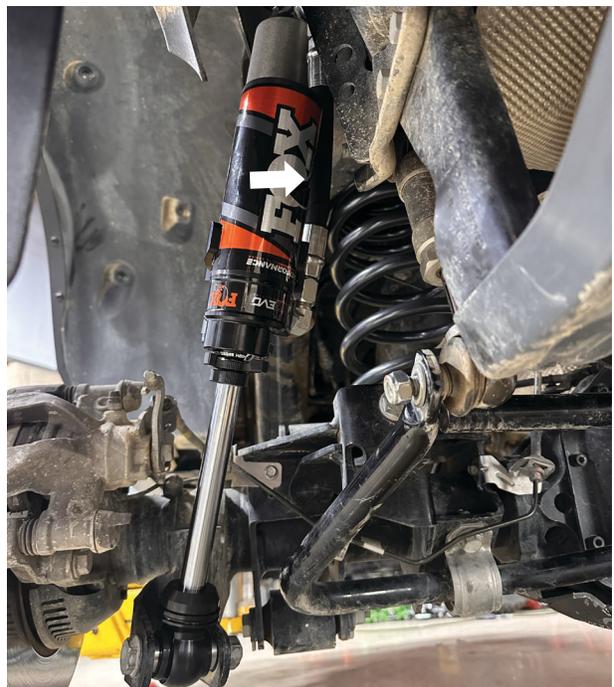
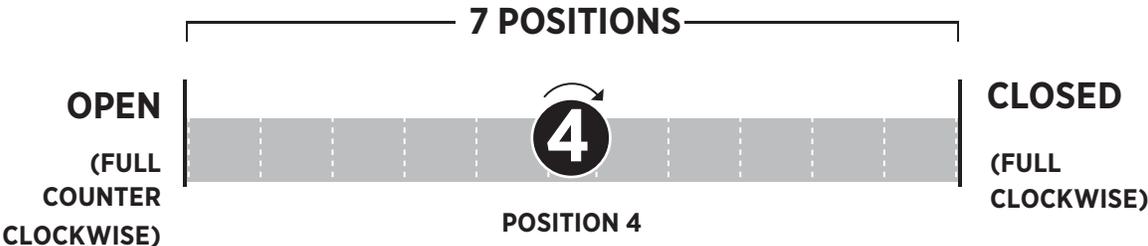


Fig. 11: Shock mounted with reservoir rearward and hose inboard (see arrow).

FOX FACTORY DSC EVO

DUAL SPEED COMPRESSION EVOLUTION (DSC EVO) ADJUSTER SETTINGS

DSC EVO HIGH- AND LOW-SPEED COMPRESSION



LEAST AMOUNT OF COMPRESSION DAMPING **SOFTEST**

GREATEST AMOUNT OF COMPRESSION DAMPING **FIRMEST**

ON-ROAD: RECOMMENDED SETTINGS FOR ALL SHOCKS

RIDE STYLE	LOW SPEED	HIGH SPEED
Comfort	2	1
Balanced	4	1
Sport	6	3

OFF-ROAD: RECOMMENDED SETTINGS FOR ALL SHOCKS

RIDE STYLE	LOW SPEED	HIGH SPEED
Comfort	2	1
Balanced	4	1
Sport	6	3

TOW/HAUL: RECOMMENDED SETTINGS FOR FRONT AND REAR

SHOCKS	LOW SPEED	HIGH SPEED
FRONT	5	1
REAR	6	3

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 and springs 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 shock and spring 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

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

WARRANTY INFORMATION

FOX LIMITED WARRANTY

FOX Factory, Inc., a Georgia corporation having an office at 6634 Highway 53 Braselton, GA 30517 (“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

