



**DIRECT-REPLACEMENT
INSTALLATION GUIDE**

FORD BRONCO (2021-ON)

HD SPRING INSTALLATION KIT

883-06-213 - Kit: 21-ON Ford Bronco, Rear Coilover, 2.5 Truck PES, R/R, (4dr/2dr) Base 3/3.5" Lift, (4dr/2dr) Sasquatch 2/2.5" Lift, DSC

883-06-205 - Kit: 21-On Ford Bronco, Rear Coilover, 3.0 Truck FRS, R/R, (4dr-2dr) Base 3-3.5" Lift, (4dr-2dr) Sasquatch 2-2.5" Lift, DSC

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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.

DISCLAIMER: The advertised ride height was achieved on 4 door, Wildtrak, Sasquach equipped vehicle with a hard top, 37" spare tire mounted on the OEM spare tire gate, and 300lbs of additional weight over the rear axle.

IN THE BOX

- HD Springs
- Installation Guide

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.
- Recommended preload featured in the manual is for a vehicle with 300lbs of additional weight over the rear axle. If more preload is required, increase preload up to a 1/2" from the noted setting.

REAR HD SPRING INSTALLATION

FOX COIL-OVER DISASSEMBLY

WARNING: Follow all safety guidelines provided by the spring compressor manufacturer. Using a spring compressor in an unsafe manner can lead to SERIOUS INJURY or DEATH.

NOTICE: Take photos of the shock eyelet orientation before proceeding with shock disassembly.

1. Use a professional spring compressor to compress shock assembly according to its included instructions. Place the shock in the compressor inverted with the reservoir facing outboard (Figure 1).
2. Remove eyelet reducers (Figure 2).
3. Remove the snap ring. Next, slide off the spring riser and spring retainer (Figure 3).



Fig. 1: Use a professional spring compressor.



Fig. 2: Remove eyelet reducers.

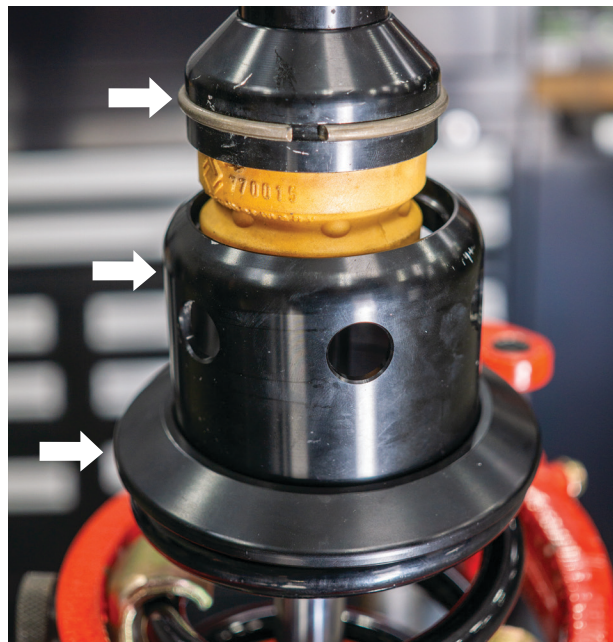


Fig. 3: Remove the snap ring, spring riser, and spring retainer.

4. Back off spring tension, remove spring, and move shock to a work bench (Figure 4).

5. Loosen the hex bolt on the preload ring and turn the preload ring until no threads on the shock body are visible (Figure 5).

NOTE: Recommended preload featured in the manual is for a vehicle with 300lbs of additional weight over the rear axle. If more preload is required, increase preload up to a 1/2" from the noted setting.

6. Torque the preload ring's hex bolt to 80 in-lbs.

FOX COIL-OVER REASSEMBLY

7. Use a professional spring tool to reinstall the FOX assembly in reverse order to the steps above.

8. Orient the eyelet accordingly and review your photos taken before shock disassembly.

9. Install the wider eyelet reducer on the inboard side of the vehicle.

NOTE: Recommended DSC settings for Factory Race Series kits are three clicks from open and Performance Elite Series kits are six clicks from open. To fully open the DSC, turn each adjuster to the most counter-clockwise click.



Fig. 4: Back off spring tension.



Fig. 5: Turn the preload ring until no threads show.

WARRANTY INFORMATION

FOX LIMITED WARRANTY

FOX Factory, Inc., a Georgia corporation having an office at 2055 Sugarloaf Circle Suite 300. Duluth, GA 30097 ("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.

SHOCKS NEED LOVE TOO

FOX SERVICE AND UPGRADES

HAVE YOUR FOX SHOCKS SERVICED BY FOX TECHNICIANS. CALL OUR OFF-ROAD AND TRUCK 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.

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

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