



**DIRECT-REPLACEMENT
INSTALLATION GUIDE**

**CHEVROLET SILVERADO 1500 (2019-ON)
GMC SIERRA 1500 (2019-ON)**

PERFORMANCE SERIES 2.0 SNAP RING COIL-OVER

985-62-012: 19-ON GM 1500, Front C/O, Snap Ring, PS, 2.0, IFP, 5.2", 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

- Front Shocks
- Supplied Hardware
- Installation Guide

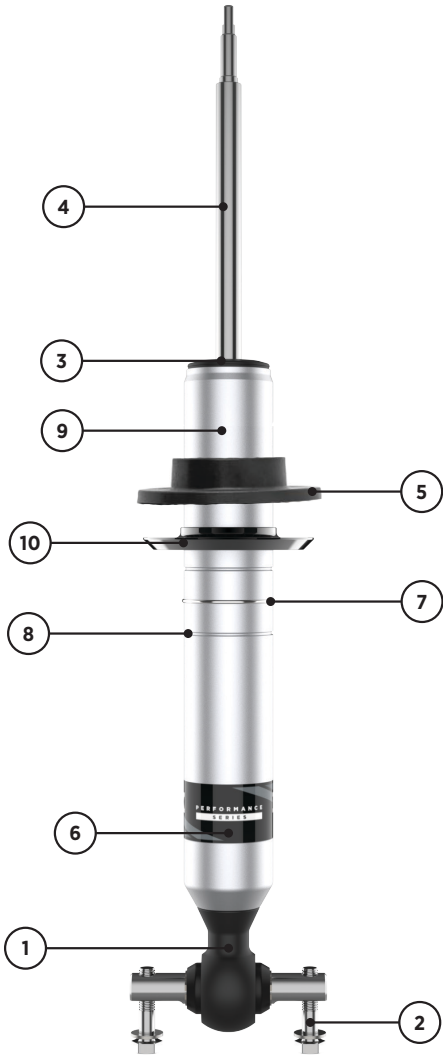
SUPPLIED PARTS

SHOCK ASSEMBLY			
FOX PN	DESCRIPTION	NOTES	
985-62-012	FRONT, LEFT/RIGHT SHOCK	4WD or 2WD	
SPRING SEAT KIT			
FOX PN	DESCRIPTION	*HARDWARE REF.	NOTES
234-00-555	MOLDED SPRING SEAT	A1	The spring seat re-tainer kit interface with the snap ring.
234-00-622	ALUMINUM SPRING SEAT	A2	

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

SHOCK DIAGRAM

SNAP RING COIL-OVER



PART NO.	NAME	PART NO.	NAME
1	Eyelet	6	Decal
2	Bar-pin bolt	7	Snap ring
3	Wiper seal	8	Snap ring groove
4	Shaft	9	Shock body
5	Molded spring seat	10	Aluminum spring seat

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.
- If a preload adjustment is necessary for your application DO NOT adjust preload with the coil-over on the vehicle. Remove the coil-over from the vehicle and use a spring compressor to remove the lower spring hardware and spring. Once the spring is removed, you can adjust the preload ring. DO NOT Exceed more the 1/2" of additional preload. If more than 1/2" of preload is required, you will need to go up in spring rate or get a longer spring that fits the application.

FRONT SHOCK INSTALLATION

TOOLS REQUIRED

- Manufacturer Torque Specs
- Torque Wrench
- Medium-Strength Thread-Lock
- Professional Spring Compressor

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

1. Please read the installation guidelines on page 5 for instructions on how to properly lift and secure the vehicle.
2. Record the front vehicle ride height to ensure the proper lift is attained after kit is installed. READ INSTALLATION GUIDELINES ON HOW TO PROPERLY ADJUST PRELOAD.

STOCK SHOCK REMOVAL

3. Remove both front wheels from the vehicle.
4. Disconnect the sway bar end link from the lower control arm of the vehicle (Fig. 1).



Fig. 1: Sway bar end link.

5. Detach the tie rod end link from the upright (Fig. 2).

NOTICE: Experienced installers can skip to step 8. It is possible to remove and install the FOX coil-over assembly with only the tie rod and sway bar link disconnected.



Fig. 2: Tie rod end link.

6. Remove the two bolts that secure the ABS line brackets to the upright. One ABS line bracket is located on the forward face of the upright (Fig. 3). The other ABS line bracket is located on the inside surface of the upright (Fig. 4).



Fig. 3: Passenger side shown.



Fig. 4: Passenger side shown.

7. Disconnect the upper control arm (UCA) from the upright (Fig. 5). Before disconnecting the nut from the UCA ball joint completely, support the upright so it does not swing downward and cause damage.

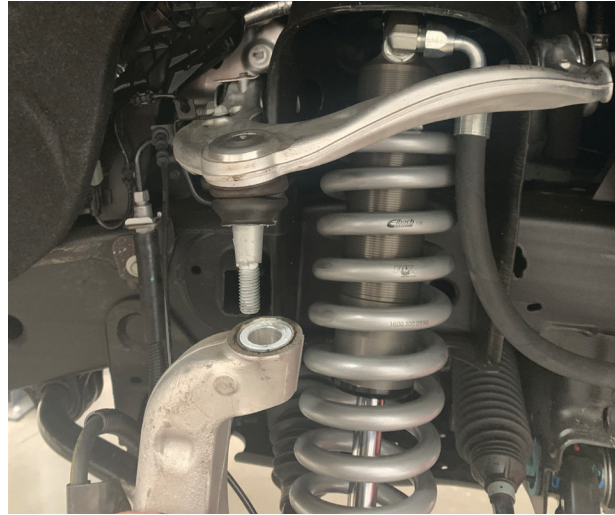


Fig. 5: Disconnect the UCA.

8. Remove the two lower coil-over bolts connecting the shock to the lower control arm. These bolts will not be used with the FOX coil-over assembly (Fig. 6). Support the lower control arm so it does not swing downward and cause damage.



Fig. 6: Remove the lower coil-over bolts.

9. Carefully remove any wiring harness clips and brackets that attach to the upper shock studs (Fig. 7 & 8). Remove the three nuts that secure the top of the stock coil-over assembly to the vehicle (Fig. 7 & 8). **DO NOT** remove center nut. The center nut will release the spring from the stock assembly and could result in **SERIOUS INJURY** or **DEATH!**

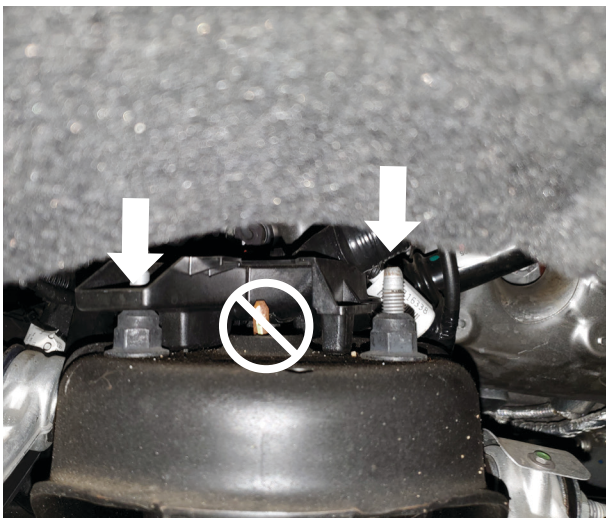


Fig. 7: Use a professional spring compressor.

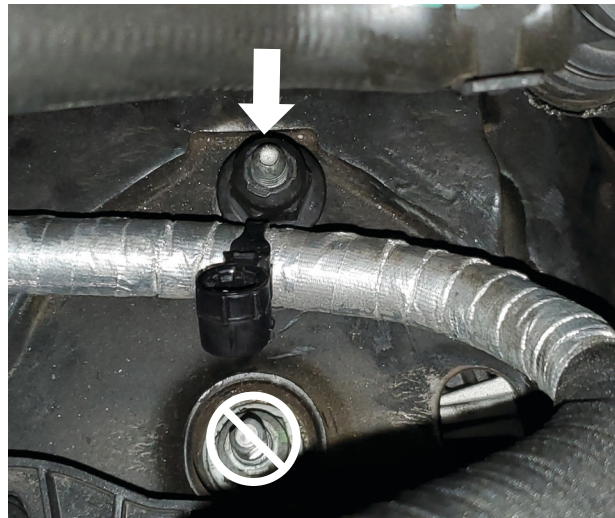


Fig. 8: Do not remove the center nut.

10. Lower and remove the stock coil-over from the vehicle. Take care not to damage the steering or axle boots.

OEM SHOCK DISASSEMBLY

11. Make a note of the top mount and its orientation with the lower arm connection.

TIP: Take a picture of the OEM shock's interface with the coil bucket and lower control arm for reference.

12. Use a professional spring compressor to compress the shock assembly according to the spring compressor's included instructions (Fig. 9). Follow all safety guidelines provided by the spring compressor manufacturer. Misuse of a spring compressor could result in **SERIOUS INJURY** or **DEATH!**

13. Once the spring is compressed, remove the center nut from the top mount and remove the shock assembly (Fig. 10).

NOTICE: The shock may drop from the spring compressor once the center nut is removed.



Fig. 9: Use a professional spring compressor.



Fig. 10: Remove the center nut.

14. Remove the OEM shock from the spring. Inspect the OEM top hat, dust boot, jounce bumper, and spring. Inspect and replace any OEM components that are worn or broken (Fig. 11).



Fig. 11: Inspect OEM components.

FOX SNAP RING COIL-OVER ASSEMBLY

15. There are three ride height settings to choose from. The lowest groove maintains stock ride height (+/- .25"), the middle groove provides a 1" (+/- .25") lift, the top groove provides a 2" (+/- .25") lift. The snap ring must be positioned in the desired groove before coil spring installation (Fig. 12).

NOTICE: For Trail Boss/AT4 models, the top groove will maintain an OEM ride height

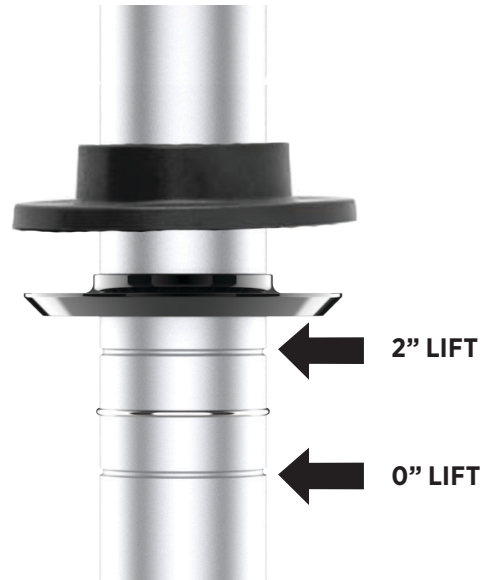


Fig. 12: Install the spring seat kit.

16. With the snap ring installed onto the body, install the supplied aluminum spring seat (A2), and molded nylon spring seat (A1) (Fig. 13).

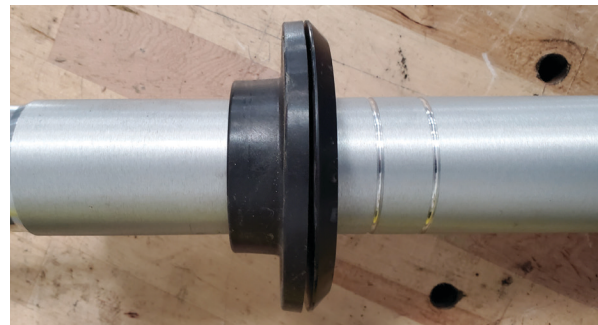


Fig. 13: Install the spring seat kit.

17. Install the FOX shock assembly with OEM coil spring, dust boot, jounce bumper and top hat using the spring compressor (Fig. 14).

NOTICE: The Performance Series logo on the decal faces outboard once the coil-over is installed on the vehicle.

18. Use the OEM center nut and tighten until threads bottom out. Torque to OEM specification. DO NOT overtighten the center nut!

19. Once the coil-over shock is assembled, use the reversal of steps 3-10 to install the assembly. Torque all fasteners to OEM specification.



Fig. 14: Install the coil-over.

CHECK AND FINAL DETAILS

20. Check that the suspension has proper clearance by steering completely in both directions (Fig. 15).

21. Reinstall the front wheels and torque to OEM specifications.

22. It is highly recommended that you have your wheel alignment checked.

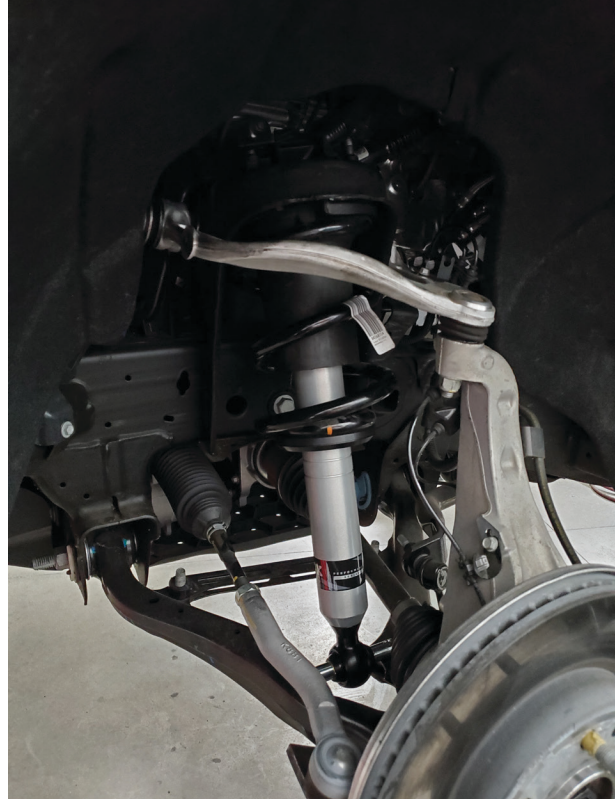


Fig. 15: Driver's side assembly is shown.

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.

SHOCKS NEED LOVE TOO

FOX SERVICE AND UPGRADES

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