



**DIRECT-REPLACEMENT  
INSTALLATION GUIDE**

**TOYOTA TUNDRA (2007-2021)**

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# **PERFORMANCE ELITE SERIES 2.5 DUAL SPEED COMPRESSION**

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883-26-117 - Kit: 07-21 Toyota Tundra, Rear, 2.5 Truck PES, R/R, 0-1.5" Lift, DSC  
883-26-118 - Kit: 07-21 Toyota Tundra, Rear, 2.5 Truck PES, R/R, 2-3" Lift, DSC

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# INTRODUCTION

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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

- Reservoir Mounts
- Rear Shocks
- Supplied Hardware
- Installation Guide

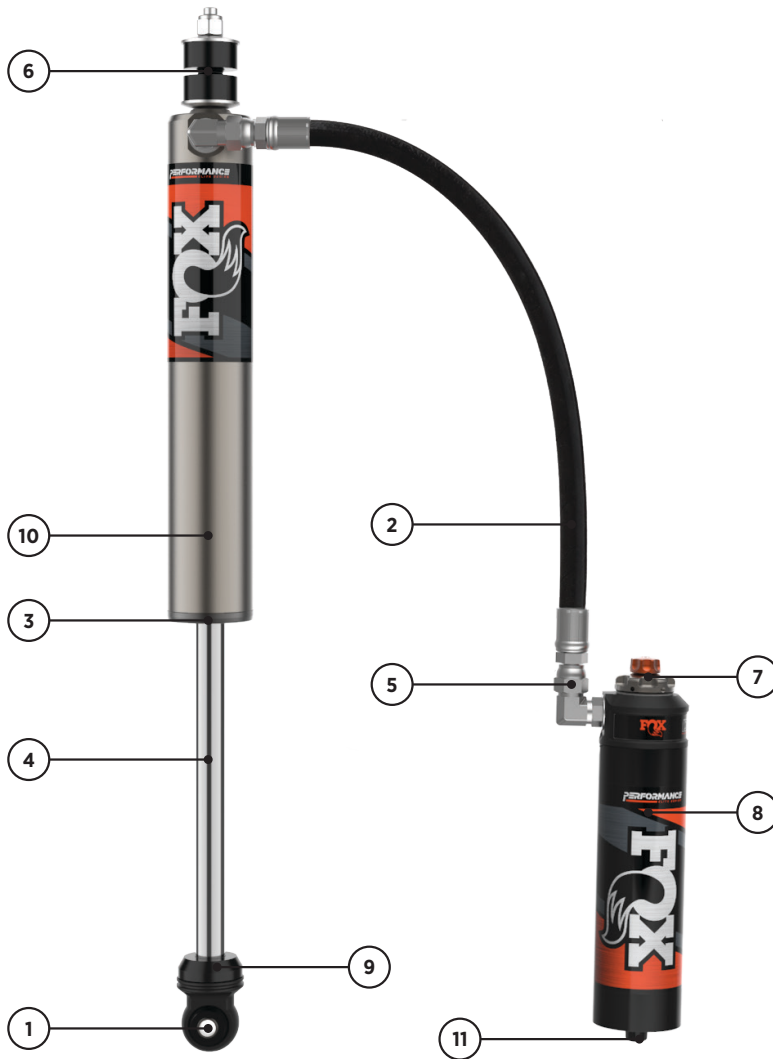
# SUPPLIED PARTS

SHOCK ASSEMBLY				
FOX PN	DESCRIPTION		QTY	NOTES
983-26-117	REAR, LEFT/RIGHT SHOCK		2	0-1.5" Lift
983-26-118	REAR, LEFT/RIGHT SHOCK		2	2-3" Lift
FRONT RESERVOIR BRACKET ASSEMBLY				
FOX PN	DESCRIPTION	*HARDWARE REF.	QTY	NOTES
026-01-130	REAR RESERVOIR MOUNT	A	2	Brackets mount the remote reservoirs to the vehicle.
018-01-049	SCREW: 1/4"-14 X 3/4" HEX HEAD, SELF-TAPPING	B	4	Each bracket uses two self-tapping screw.
018-01-066	SCREW: 8-32, 3/4"	C1	8	Each bracket uses two clamps and a clamp uses two screws.
026-01-167-1	2.5 RESERVOIR CLAMP, TOP	C2	4	
026-01-167-2	2.5 RESERVOIR CLAMP, BOTTOM	C3	4	

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

# SHOCK DIAGRAM

## REAR SHOCK



PART NO.	NAME	PART NO.	NAME
1	Eyelet	7	DSC adjuster
2	Hose	8	Reservoir
3	Wiper seal	9	Bumper
4	Shaft	10	Shock body
5	Hose coupler	11	Schrader valve
6	Stem mount		

## WARNING

# SAFETY INSTRUCTIONS

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- 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

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- 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.

# REAR SHOCK INSTALLATION

## TOOLS REQUIRED

- Manufacturer Torque Specs
- Torque Wrench
- Medium-Strength Thread-Lock
- 7/32" Drill Bit

**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.

## STOCK SHOCK REMOVAL

2. Remove rear wheels from vehicle.
3. Ensure the axle is supported when removing rear shocks.
4. Remove the stock shocks.

**NOTICE:** Do not discard bolts and nuts. They are used to install your FOX shocks.

## FOX SHOCK INSTALL

5. Connect the FOX shock to the top vehicle mount with a stem bushing and washer on top and bottom. Hand-tighten the stem nut. For remote reservoir models, the passenger-side hose faces outward and toward the FRONT of the vehicle. The driver-side reservoir hose faces outward and toward the REAR of the vehicle (Fig. 1).



Fig 1: Driver side rear shock hose orientation.



6. Connect your FOX shock to the lower mount using the OE bolt (Fig. 2). Torque the bolt to OE specifications.



Fig 2: Install rear lower eyelet.

7. Tighten the locking nut until at least 5/8" of total stem is showing above the nut (Fig 3).



Fig 3: Tighten till there is 5/8" visible stem length.

8. On external reservoir models, install the Group A reservoir bracket, with the three holes pointed toward the ground.

9. For the passenger-side, locate the left outer hole on the bracket 8" from the bump stop cup toward the front of the vehicle (Fig 4). Next, measure 3" from the flat of the frame before the frame angles down (Fig. 5).

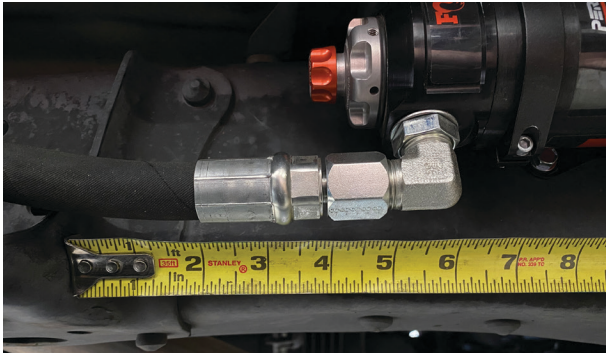


Fig 4: Measure the distance from the bump stop cup to left reservoir hole.



Fig 5: Measure the distance from the bottom of frame to left reservoir hole.

10. Mark the hole and drill a 7/32" pilot hole, secure the reservoir bracket to the frame with one of the Group B self-tapping screws. Drill and secure the right outer hole. Make sure the bracket is level with the frame.

11. For the driver-side, locate the left outer hole on the bracket 8" from the bump stop cup toward the rear of the vehicle. Then measure 3" above the bottom of the frame. Ensure the hose does not contact the bump stop cup to avoid wear on the hose.

12. Drill and secure the left outer hole. Position the bracket level with the angled part of frame. Next, drill and secure the right outer hole.

13. Mount the reservoir to the reservoir bracket with the Group C clamps (Fig. 6a). Utilize the slots in the bracket to locate the clamps. Do not feed the clamps through the slots in the brackets. Once installed, the reservoir should look like (Fig. 6b).

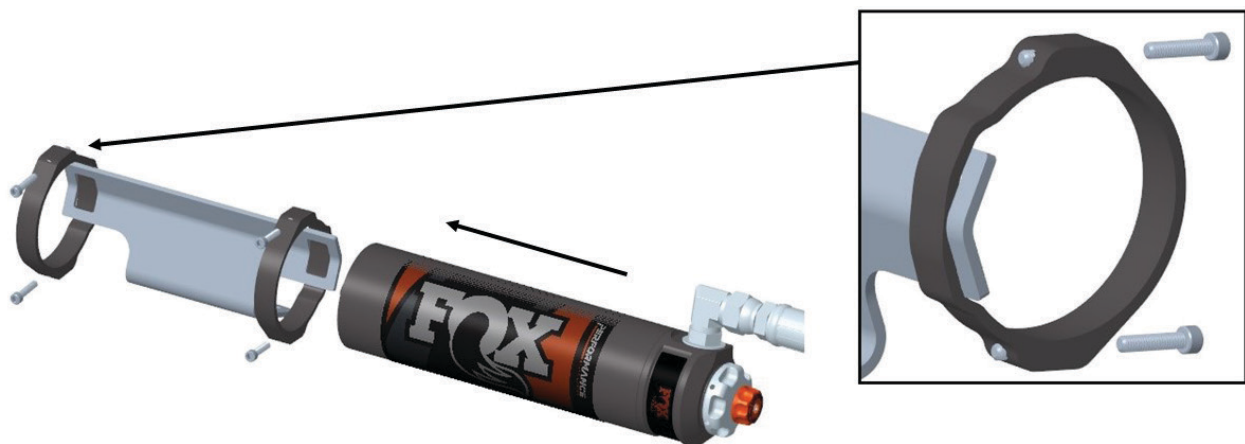


Fig 6a: Mount the reservoir flush to the bracket.



Fig 6b: Reservoir mounted to vehicle.

14. The FOX shock assembly should look like (Fig. 7) after installation.



Fig 7: Installed FOX driver-side shock assembly.

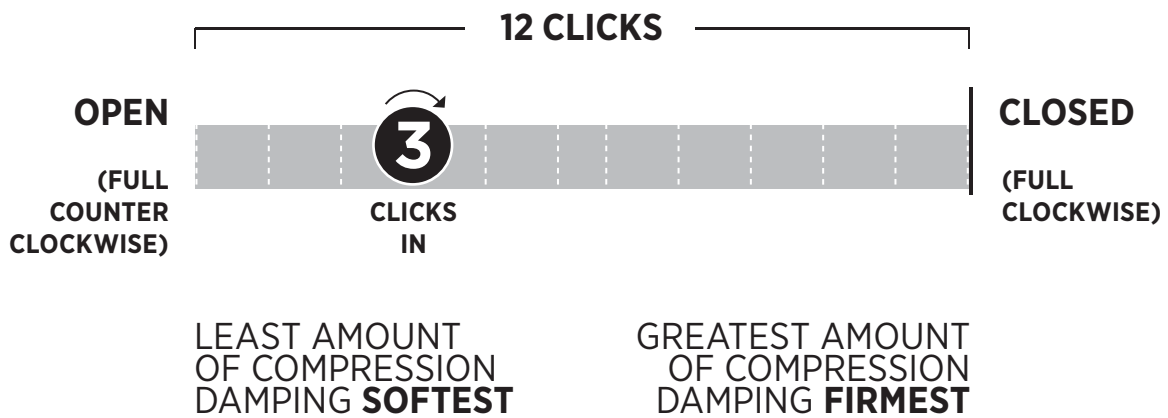
#### **CHECK AND FINAL DETAILS**

15. Check that the suspension has proper clearance.
16. Reinstall rear wheels and torque to OE specifications.

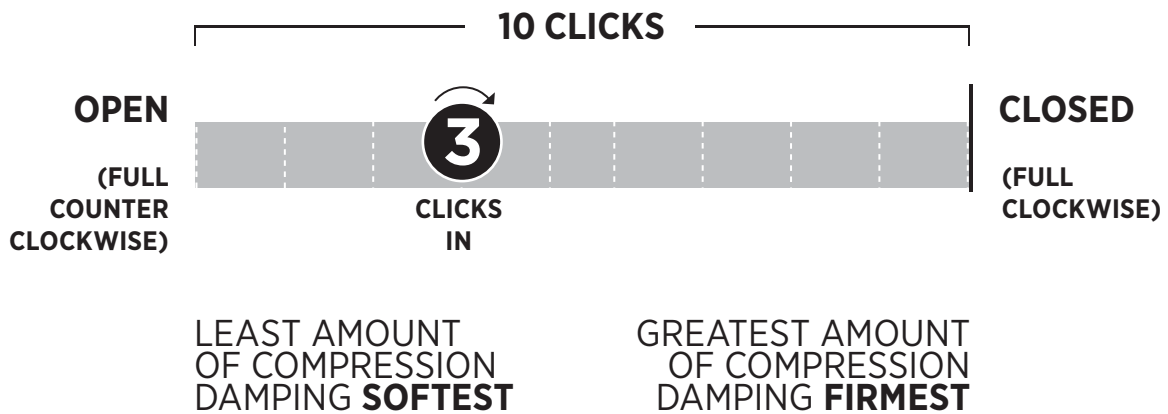
# FOX FACTORY DSC

## DUAL SPEED COMPRESSION (DSC) ADJUSTER SETTINGS

### DSC HIGH SPEED COMPRESSION



### DSC LOW SPEED COMPRESSION



# 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.

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# SHOCKS NEED LOVE TOO

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## 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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