

PERFORMANCE ELITE 2.5
INSTALLATION GUIDE



Toyota Tacoma, Front

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TOYOTA TACOMA PERFORMANCE ELITE 2.5 (FRONT)

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883-06-177

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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.

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SAFETY INSTRUCTIONS

WARNING

- 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.

INSTALLATION GUIDELINES

WARNING

- 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 than 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.

PERFORMANCE ELITE 2.5 INSTALLATION INSTRUCTIONS - FRONT

1. Please read the installation guidelines for instructions on how to properly lift and secure the vehicle.
2. Record the front vehicle ride height to ensure proper lift is attained after kit is installed. Measure from the center of the wheel to the top of the wheel well (bottom of the fender).
READ INSTALLATION GUIDELINES ON HOW TO PROPERLY ADJUST PRELOAD.
3. Remove both front wheels.
4. Disconnect both outer tie rod ends at the spindle steering arm for removal/installation clearance.
5. Disconnect the sway bar from both spindles (Figure 1).



Figure 1: Loosened sway bar bolt

6. Remove the (4) bolts that secure the sway bar to the vehicle frame. Move sway bar forward to allow clearance for shock removal.
7. Remove the (3) top nuts that secure the stock shock assembly to the vehicle. **DO NOT** remove the center nut (Figure 2); doing so will release the spring from the stock assembly and could result in **SERIOUS INJURY** or **DEATH**.

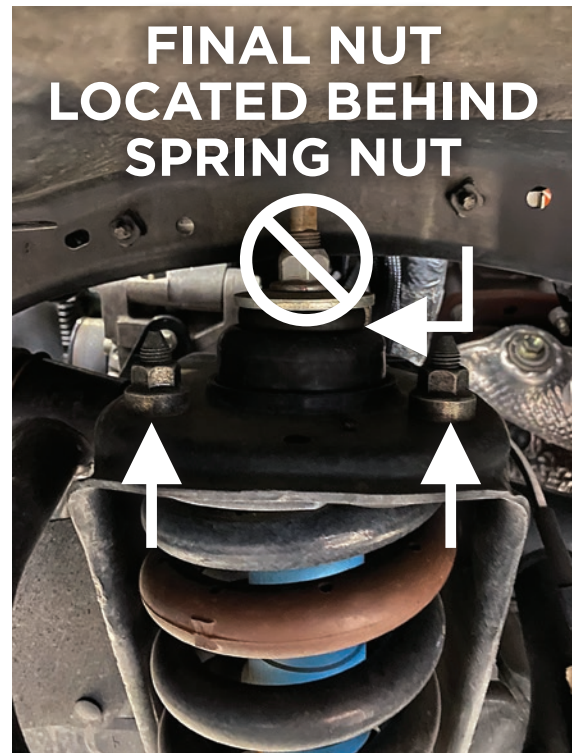


Figure 2: Center nut and top hat nuts

8. Remove the (1) bolt connecting the shock to the lower control arm. (Do not discard bolt and nut, as it will be used with your new FOX coil-over assembly).
9. Remove the stock shock assembly. You may need to use a pry bar to pull on the upper control arm and lower the suspension to allow the removal and installation of your shock assembly. Be careful not to damage any brake lines or electrical wires.
10. If you are installing a 2-3" lift shock (983-06-178), now is a good time to install your aftermarket upper control arm.
11. Install the new FOX coil-over assembly. With remote reservoir models, make sure that the hoses are facing outward and towards the front of the vehicle (Figure 3). Connect the top shock hat to the vehicle with the provided washers and nuts. Tighten all three nuts to 24 ft-lbs.



Figure 3: Reservoir hose orientation

12. Connect the shock to the lower control arm using stock bolt and nut (Figure 4). Torque to OE specifications.



Figure 4: Installed lower shock bolt

13. On Performance Elite 2.5 Series coil-over shocks, install new sway bar relocation spacers to existing sway bar mounting location with the stock bolts (Figures 5, 6).



Figure 5: Sway bar relocation spacer (bottom view)



Figure 6: Sway bar relocation spacer (side view)

14. On external reservoir models, install bracket between the new sway bar relocation spacer and vehicle frame, orient bracket so that the mounting arm is towards the rear of the vehicle (Figure 7). Slide bracket against side of vehicle frame and torque to OE specifications.



Figure 7: Front reservoir bracket orientation

15. Some vehicle models may require removal of skid plate braces for installation of spacers for sway bar clearance. Check to see if there is a clearance issue (Figure 8). If there is a clearance issue between the sway bar and skid plate braces, install the supplied spacers between the vehicle frame and braces as shown (Figure 9) and secure using supplied longer bolts. Torque to OE specifications.



Figure 8: Cleared sway bar

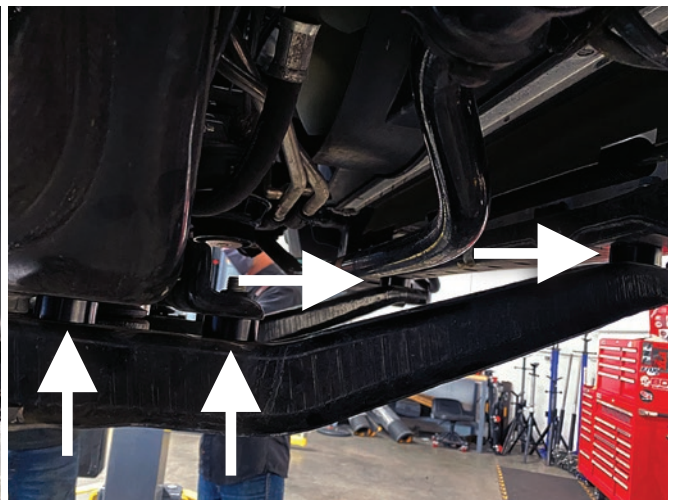


Figure 9: Installed skid plate brace spacers

16. On external reservoir models, mount the reservoir onto the reservoir bracket with supplied reservoir clamps. Utilize the slots in the bracket to locate the clamps. Do not feed the clamps through the slots in the brackets (Figure 10).
17. Connect the sway bar to both spindles and torque to OE specifications.
18. Reinstall the outer tire rod ends and torque to OE specifications.
19. The finished shock assembly should appear as in (Figure 11).
20. Reinstall both front wheels and torque to OE specifications.
21. Check that the suspension has proper clearance by steering completely in both directions.
22. Set vehicle back on ground and drive back and forth several feet with sudden braking to allow suspension to settle. Now measure ride height and make adjustments if necessary.
READ INSTALLATION GUIDES ON HOW TO PROPERLY ADJUST PRELOAD.
23. It is highly recommended that you have your vehicle's wheel alignment checked.

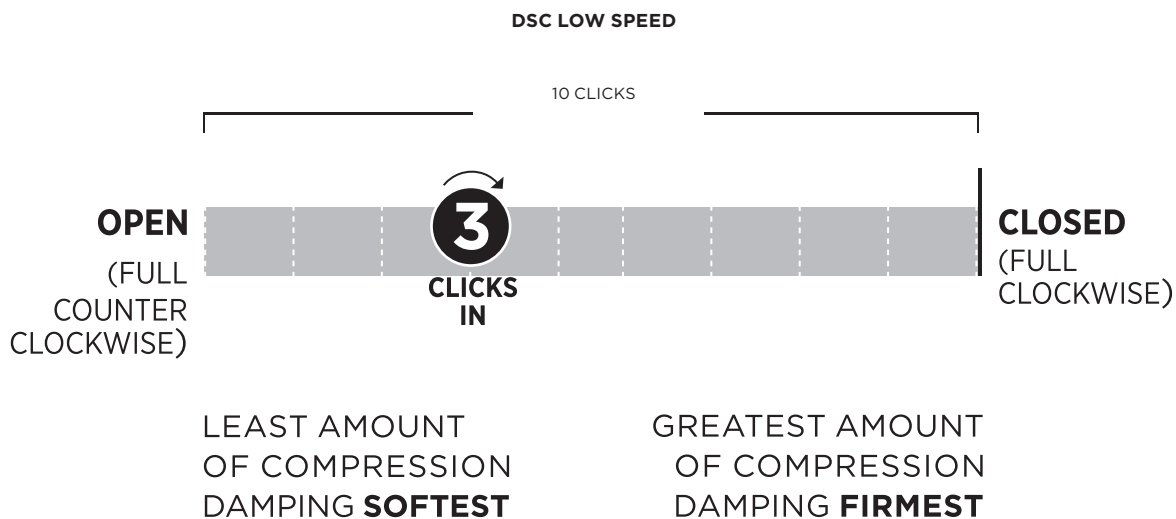
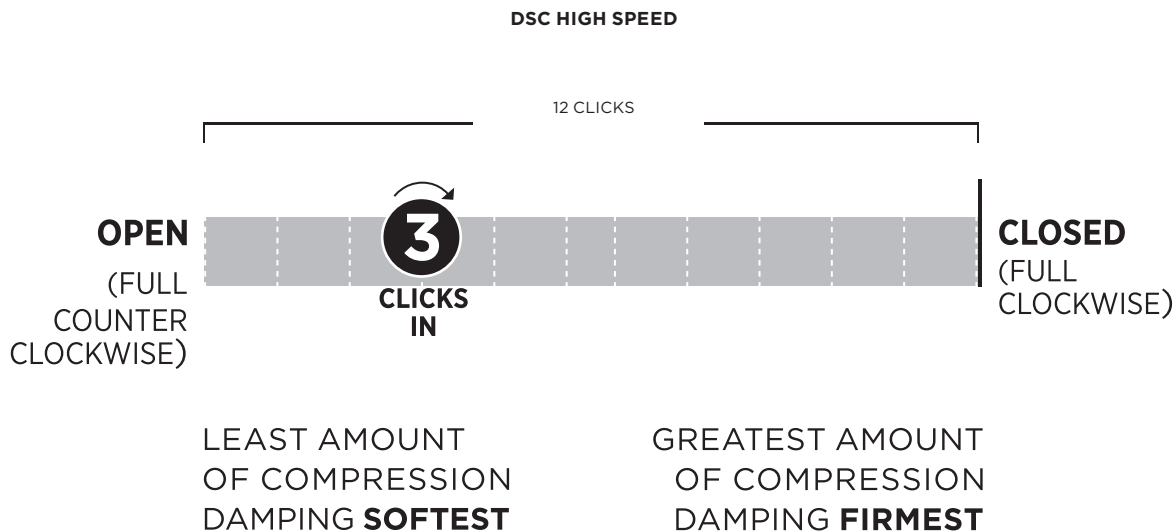


Figure 10: Mounted reservoir



Figure 11: Finished shock assembly

FOX FACTORY SETTINGS





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 SHOCKS SERVICE & UPGRADES

HAVE YOUR FOX PRODUCT SERVICED OR UPGRADED 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 SET UP YOUR SERVICE AND/OR UPGRADES YOU WILL RECEIVE A RETURN AUTHORIZATION NUMBER SHIPPING INSTRUCTIONS.

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- 50% STREET/50% OFF-ROAD USE:
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