

DIRECT-REPLACEMENT
INSTALLATION GUIDE



NISSAN PATROL Y61 (1997+) & Y60 (1988-1997)

985-26-223 - 97-ON Y61 & 88-97 Y60: Nissan Patrol, Front, PS, 2.0, R/R, 0-1.5" Lift, CD Adjuster

885-26-224 - Kit: 97-ON Y61 & 88-97 Y60: Nissan Patrol, Rear, PS, 2.0, R/R, 0-2.5" Lift, CD Adjuster

883-26-068 - Kit: 97-ON Y61 & 88-97 Y60: Nissan Patrol, Front, 2.5 Truck FRS, R/R, 0-1.5" Lift

883-26-070 - Kit: 97-ON Y61 & 88-97 Y60: Nissan Patrol, Rear, 2.5 Truck FRS, R/R, 0-2.5" Lift



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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 spring hardware and spring. Once the spring is removed, you can adjust the snap ring position.

SHOCK INSTALLATION INSTRUCTIONS - FRONT

*Medium-strength thread-locker (blue) is recommended on all bolts.

1. Please read the installation guidelines for instructions on how to properly lift and secure the vehicle.
2. Remove both front wheels from vehicle.
3. Remove front stock shocks. It may be necessary to support or raise the vehicle axle in order to remove bolts and for installation of new FOX shock.
4. Install the supplied remote reservoir mounting brackets to the vehicle above the coil bucket.
 - a. Hold the mounting bracket 2-1/2" above the top flat surface of the coil bucket and 4-1/2" towards the front of the vehicle measuring from the center of the coil bucket to the edge of the closest hole of the mounting bracket (Figure 1).

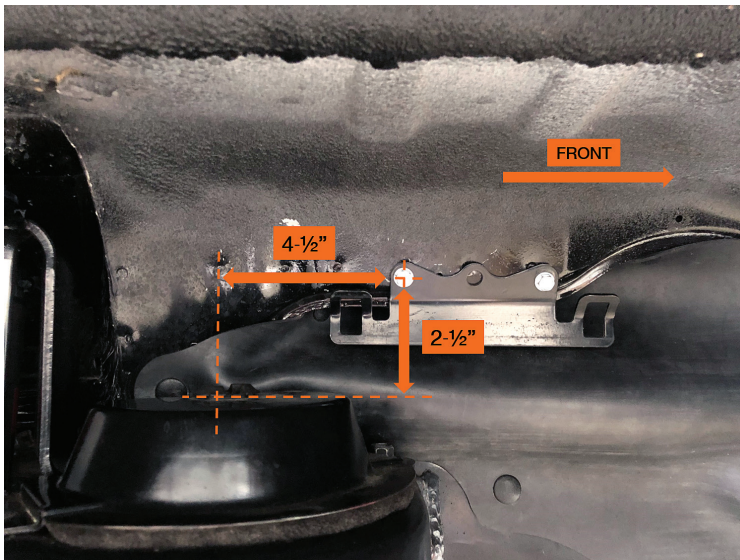


Figure 1: Front reservoir mounting bracket position

- b. Use the bracket to mark both opposite end holes. Ensure the bracket is leveled.
- c. Drill the pilot holes for the supplied 1/4" self-tapping screws using a 7/32" drill bit and the marked locations for the holes.

- d. Secure the bracket using the supplied 1/4" self-tapping screws. Ensure proper orientation by checking that the reservoir mounting portion of the bracket is below the mounting holes (Figure 2).

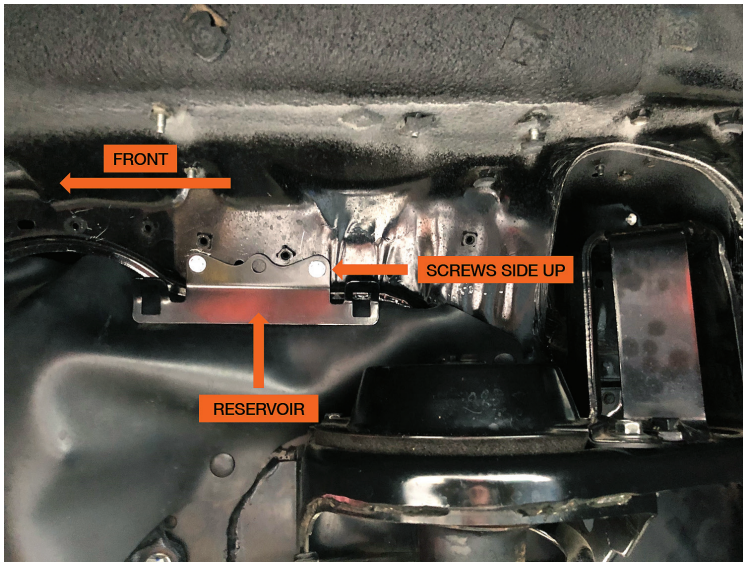


Figure 2: Front reservoir bracket orientation

- e. Repeat on both sides of the vehicle.
5. If installing Factory Race Series shocks, make sure to identify which shock goes on the correct side (Figure 3).



Figure 3: Front left (L) and right (R) Factory Race shocks

6. Connect the FOX shock to the top of the vehicle mount using the provided hardware. Torque to OEM specifications.
 - If installing 2.0 Performance Series Remote Reservoir shock, disconnect the shock tower that is being held by three fasteners, fetch the reservoir and hose through the opening that is facing outward, then reinstall the shock tower and torque to OEM specifications (Figures 4-5).

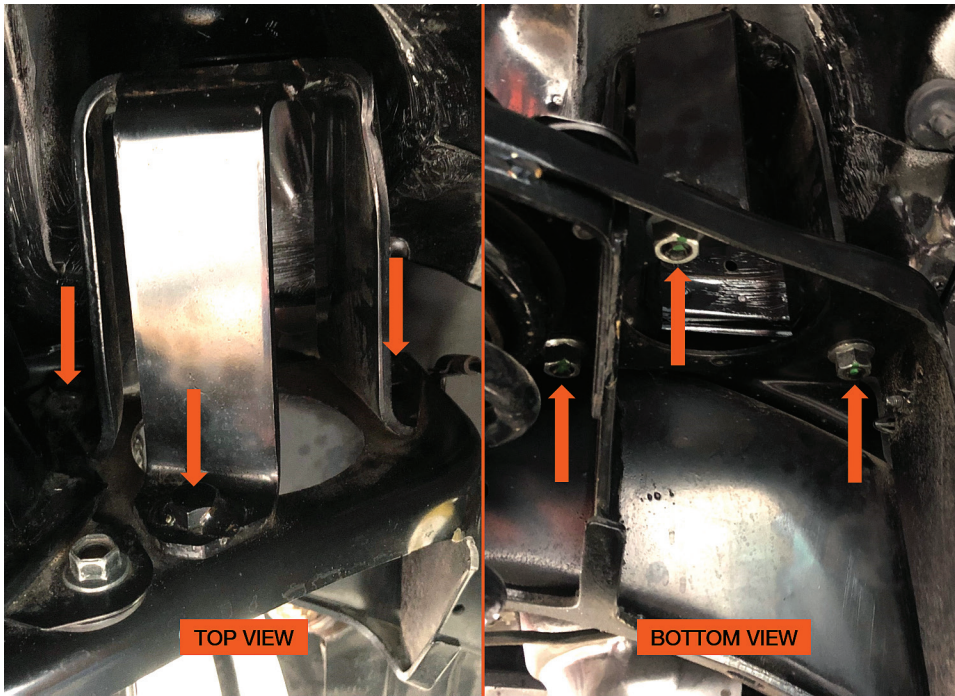


Figure 4: Shock tower fasteners locations

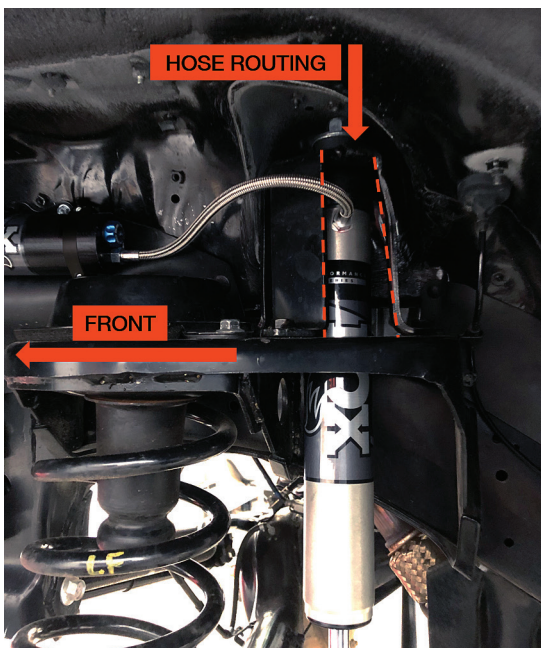


Figure 5: Performance Series front reservoir routing through shock tower opening

7. Connect the FOX Shock to the lower mount using the provided hardware. Torque to OEM specifications.
8. Using two supplied billet clamps and bolts per shock, mount the reservoir to the bracket. Utilize the slots in the bracket to locate the clamps. Do not feed the clamps through the slots in the brackets. Torque the (4) four socket head cap screws to 19 in-lbs.
 - The end of the reservoir should be pointing forward when installed (Figures 6-7).

NOTE: FOR FACTORY RACE SERIES SHOCKS.

The hose must be looping back and up towards the rear of the vehicle. The reservoir hose fitting should be sitting above the reservoir and pointing outward when installed.

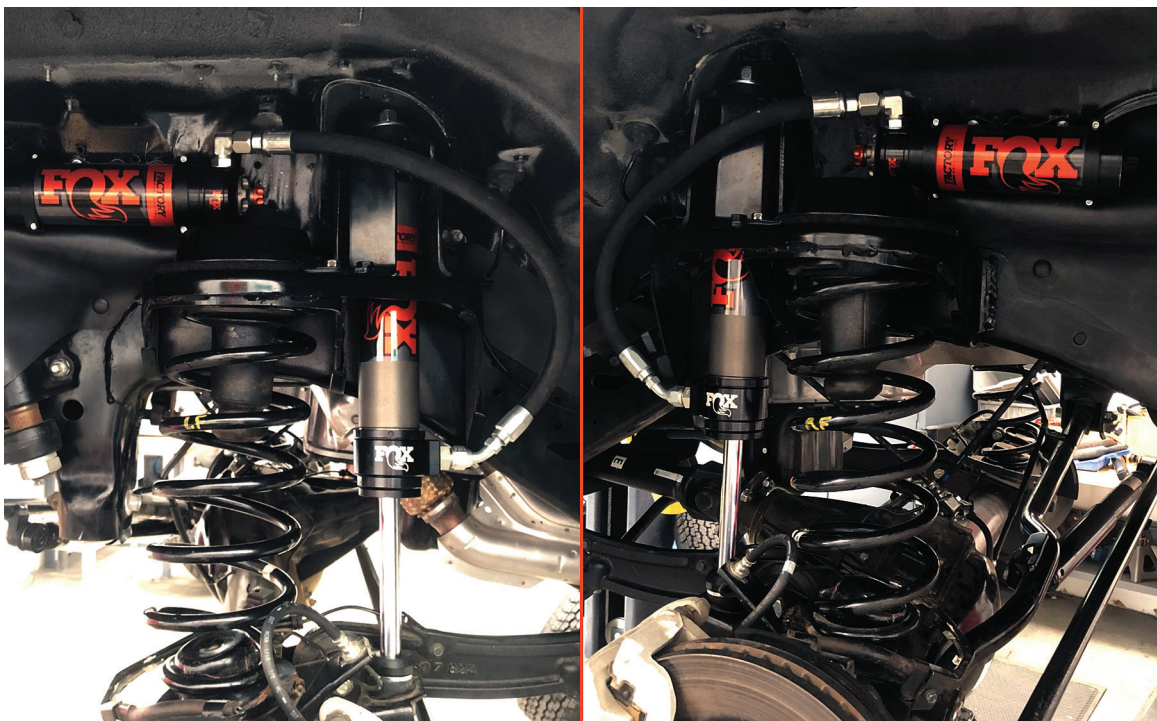


Figure 6: Left and right front Factory Race shocks installed

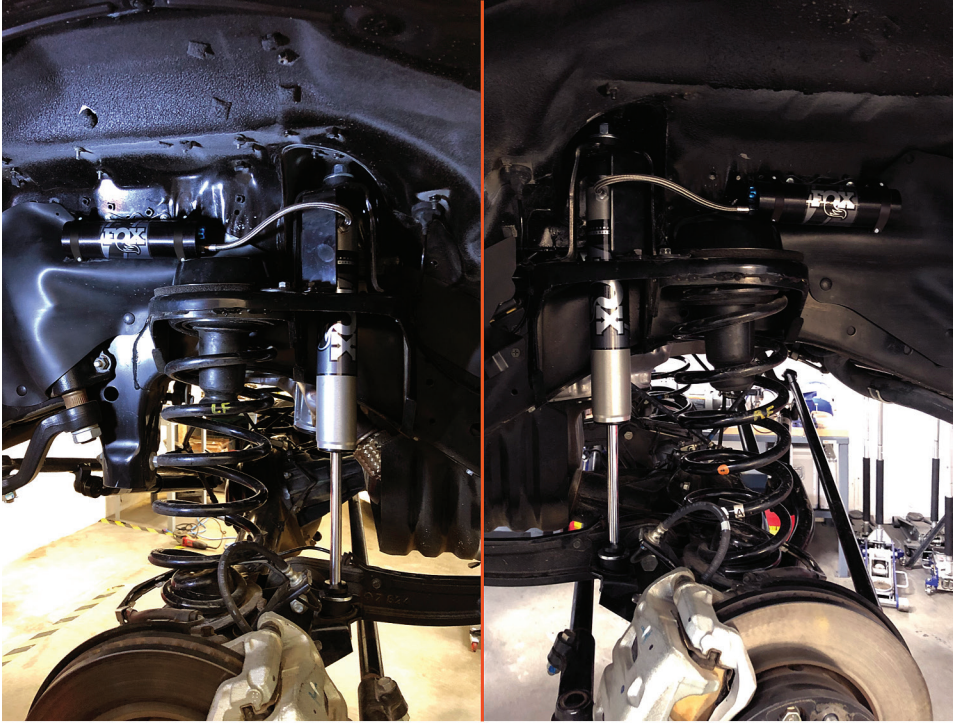


Figure 7: Left and right front Performance Remote Reservoir shocks installed

9. Repeat steps 6-8 on both sides of the vehicle.
10. Check that the suspension has proper clearance by steering completely in both directions.
11. Reinstall both front wheels and torque to OEM specifications.

SHOCK INSTALLATION INSTRUCTIONS - REAR

*Medium-strength thread-locker (blue) is recommended on all bolts.

1. Please read the installation guidelines for instructions on how to properly lift and secure the vehicle.
2. Remove both rear wheels from vehicle.
3. Remove rear stock shocks. 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 your new FOX shock.
4. Install the supplied remote reservoir mounting bracket for the left side by removing the two bolts from the exhaust holding bracket located towards the rear of the vehicle in the left rear wheel well, placing the supplied reservoir mounting bracket on top of the exhaust bracket and then reinstalling the bolts (Figure 8). Torque to OEM specifications.

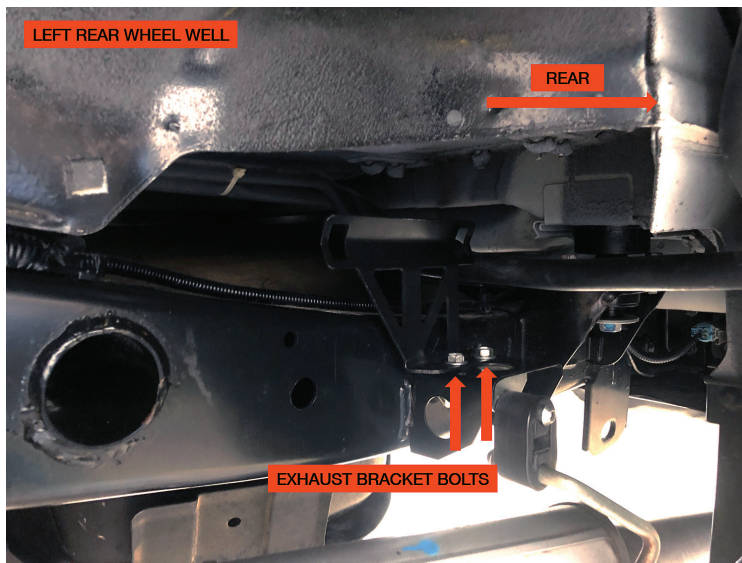


Figure 8: Left rear reservoir mounting bracket installed

5. Install the supplied remote reservoir mounting bracket for the right side.
 - a. Hold the supplied mounting bracket against the chassis frame rail and 6" behind the track bar mount measuring from the intersection of the track bar bracket and the bottom of the chassis frame rail to the edge of the closest hole of the mounting bracket (Figure 9).

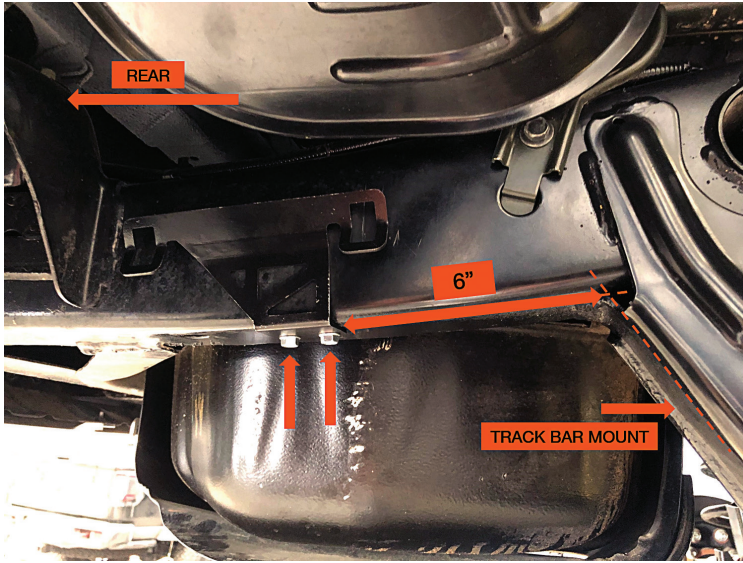


Figure 9: Right rear reservoir mounting bracket installed

- b. Use the bracket to mark both holes. Ensure the bracket is contacting the chassis frame rail at the bottom and the side.
- c. Drill the pilot holes for the supplied 1/4" self-tapping screws using a 7/32" drill bit and the marked locations for the holes.
- d. Secure the bracket using the supplied 1/4" self-tapping screws. Ensure proper orientation by checking that the reservoir mounting portion of the bracket is above the mounting holes (Figure 10).

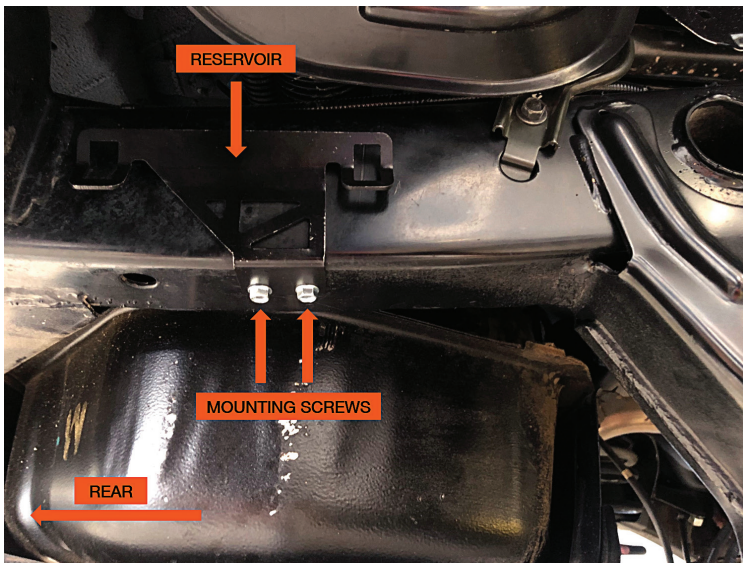


Figure 10: Right rear reservoir bracket orientation

6. Make sure to identify which shock goes on the correct side (Figures 11-12).



Figure 11: Rear left (L) and right (R) Factory Race shocks



Figure 12: Rear left (L) and right (R) Performance Series shocks

7. Connect the FOX shock to the top vehicle mount using the OEM hardware. Torque to OEM specifications.
8. Connect the FOX shock to the top vehicle mount using the OEM hardware. Torque to OEM specifications.
9. Using two supplied billet clamps and bolts per shock, mount the reservoir to the bracket. Utilize the slots in the bracket to locate the clamps. Do not feed the clamps through the slots in the brackets. Torque the (4) four socket head cap screws to 19 in-lbs.
 - a. For left side shocks: route the reservoir and hose below the chassis frame cross member and up inwards from the chassis frame rail onto the reservoir bracket (Figure 13).

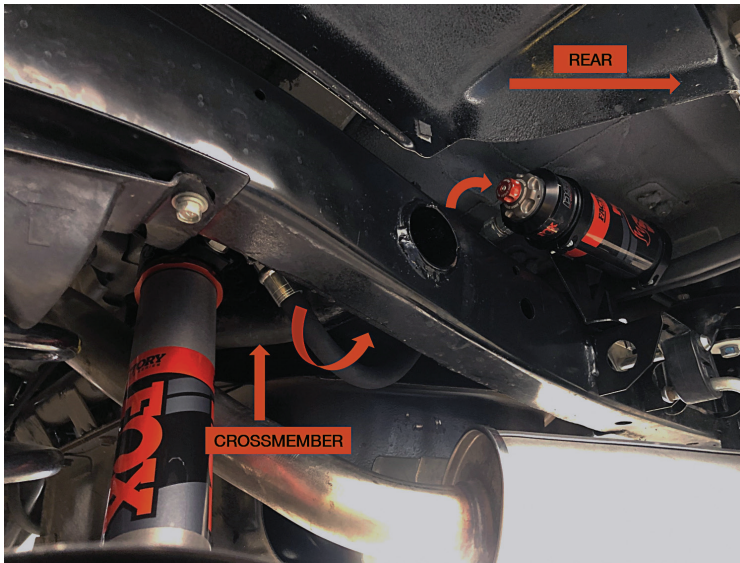


Figure 13: Left rear reservoir hose routing

- b. For right side shocks: route the reservoir and hose behind the track bar mount and up onto the reservoir bracket (Figure 14).

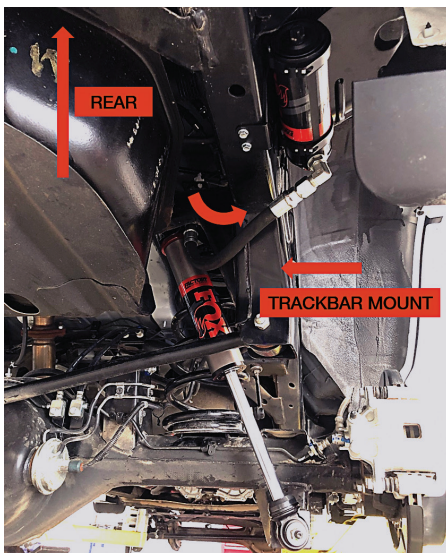


Figure 14: Right rear reservoir hose routing

The end of the reservoir should be pointing rearward when installed (Figures 15-16).

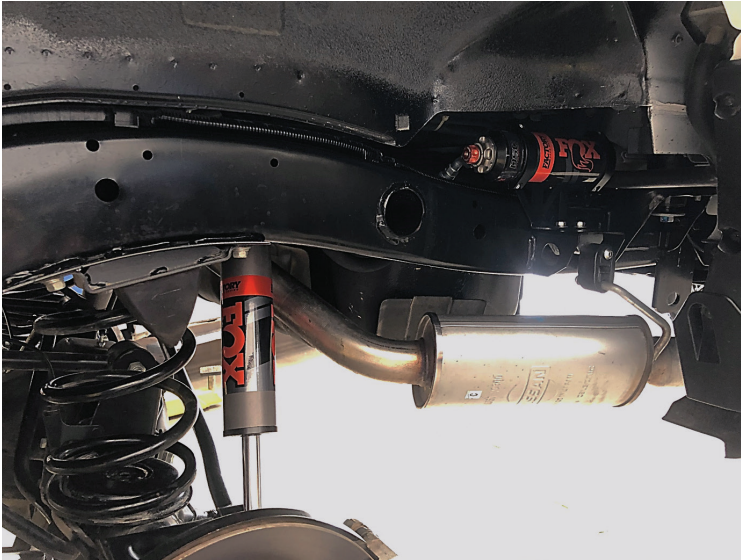


Figure 15: Left rear remote reservoir shock installed

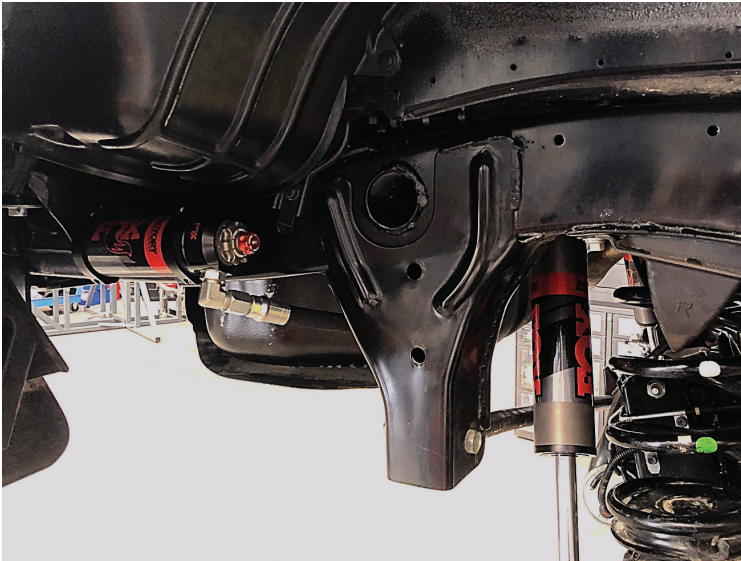
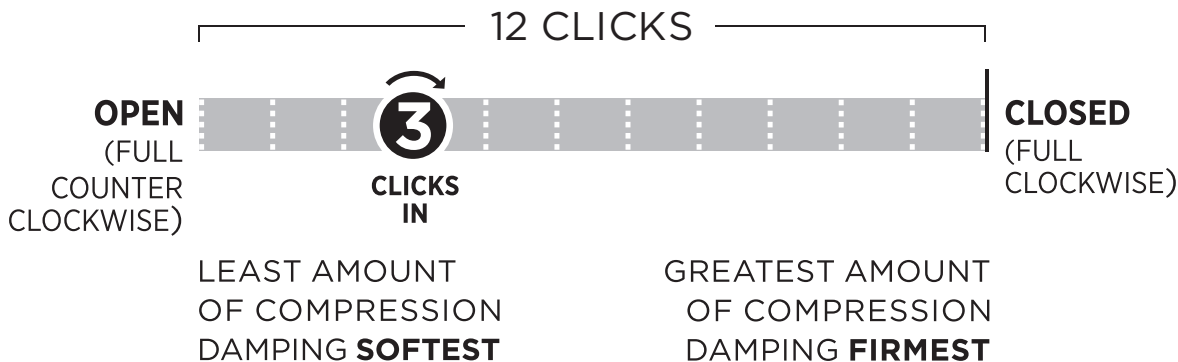


Figure 16: Right rear remote reservoir shock installed

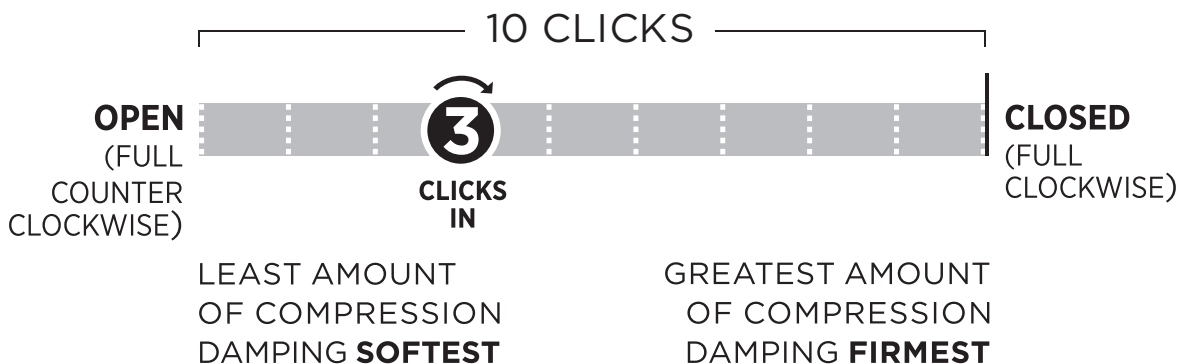
10. Repeat steps 7-9 on both sides of the vehicle.
11. Check that the suspension has proper clearance.
12. Reinstall both rear wheels and torque to OEM specifications.

FOX FACTORY SETTINGS

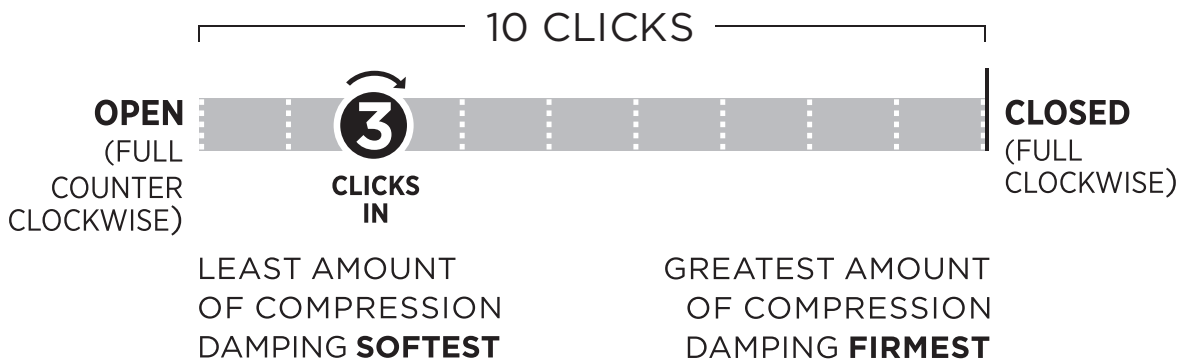
DSC HIGH SPEED



DSC LOW SPEED



LSC





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.

COMPLETE SERVICE INTERVALS

- 100% STREET USE:
EVERY 50,000 MILES
- 50% STREET/50% OFF-ROAD USE:
EVERY 10,000 MILES

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