



ToyTec Lifts
Rear Suspension Install Instructions
2.5" Rear Shocks
2003+ Toyota 4Runner / FJ Cruiser / 05+ Tacoma

Note:

ToyTec Lifts recommends that all products are installed by trained professionals.

List of contents:

- 2 Rear shock absorbers (with top bushings, washers & locknuts)
- 4 Lower shock bolt spacers (tied to coilovershock)

Tools required:

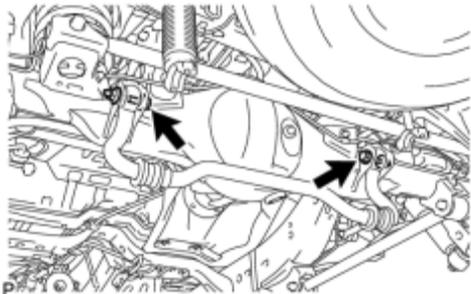
- 10, 12,13,14,17,19 mm wrenches and socket set
- Torquewrench
- Pry bar & breaker bar
- Metric allen wrenches
- Professional lift or floor jack and 2 largejackstands



Instructions

1. Once vehicle rear is in the air (via professional lift or floor jack & jack stands on a flat surface) remove the 2 rear wheels. **Tip:-** With KDSS it is useful to have both axles fully extended on both sides during the install. This prevents the KDSS from pushing the swaybar down on the axle in the air, with the other axle on the ground.

2. Hold the weight of the rear axle on the floor jack with the axle approximately in mid travel, with most of the truck weight on the jack stands. Remove the swaybar bolts from the rear axle on each side.



3. Undo and remove the lower shock absorberbolts.

TOYTEC® lifts



4. Undo the top shock absorber nuts, but do not remove. Once loosened, pull the lower shock mount off the axle and undo the top nuts. Then remove the shock absorber from the vehicle. **Tip:-** A ratcheting wrench will make it much easier to loosen the top nuts. **Tip2:-** Bend the body (sheet metal) above the shock mount slightly to create more room to gain access to the top mount. **Tip3:-** On older vehicles the lower shock absorber mount can be sticky and use a large screwdriver or pry bar to leverage the shock body from the axle.

5. Install the new rear shock absorbers by first inserting the top bolt. Make sure a bushing and washer is on both sides of the frame mount. Do not tighten the top mount at this time.





6. Adjust the height of the rear axle so the lower shock absorber mount hole is aligned with the axle mount point. Install a lower shock absorber spacer on each side of the shock absorber mount on the axle mount point. The spacers are tapered at the one end, the tapered end should face the shock absorber lower mount. Torque the lower shock bolt to **72ft/lb**. **Tip:-** The metal spacers and shock mount can be hard to fit, so use some sandpaper to clean the axle mount point as necessary. This is especially true for older vehicles with corrosion and dirt on the axle mount. **Tip2:-** Use one of the spacers to check the clearance on the axle mount point, do not use heavy force to fit the spacers or shocks absorber. **Tip3:-** Align the angle of the shocks absorber lower eye mount to the angle of the axle mount point foreasierfitment.



7. Tighten the top shock absorber mount nuts. . Please note the following when installing your ToyTec shocks product with a pin mount on the end cap (generally the top of the shock):

Do not under any circumstances use an air gun or air socket wrench to tighten the nut on the pin mount. This may lead to the pin lock nut and pin coming loose. Please use a 8mm wrench to retain the flat on the top of the pin and a 19mm wrench or socket to tighten the nylok nut. The pin lock nut (located at the bottom of the pin) is not to be used to assist in tightening the nut on the pin mount as it may come loose and compromise the pressure in the shock. Torque the nylok nut until you see the bushings begin to compress. Do not over tighten as this can damage the bushings.

8. Using the reverse of step 2 insert the rear swaybar bolts into the rear axle and torque to **81 ft/lb**.

9. Install the wheels and torque the lug nuts to **85ft/lb**.



Please retain all stock components if you ever have the need to remove your ToyTec suspension products.

For technical support please contact ToyTec Lifts directly at (303) 255-4959 Monday - Friday 8:00 am - 5:00 pm Mountain Time. Thank you for your purchase of ToyTec suspension products.