



2013+ Dodge Ram 2500/3500 4WD Front Leveling Kit Installation Instructions

T68.x

Congratulations! You've just purchased the top lifting and leveling kit available. We realize that there are many choices available when customizing your vehicle and we are grateful that you have chosen to become a part of the Supreme Suspensions team.

Altering your vehicle, especially the suspension, in any way is serious business. We cannot stress enough that our products should only be installed by an experienced, certified technician since Supreme Suspensions cannot be held liable for any damage or injury that results from the improper fitment of our products.

That said, we at Supreme Suspensions fully embrace the spirit of the do-it-yourself project. If you have any questions about your purchase or the installation process, please don't hesitate to contact our dedicated customer support team, we are here to help!

Contact Information

Telephone: (888) 810-6791

- Monday thru Friday: 6:00 AM – 7:00 PM (PST)
- Saturdays: 8:00 AM – 4:00 PM (PST)

Email: support@supremesuspensions.com

FAQ page: supremesuspensions.com/supreme-suspension-faqs

Again, thank you very much for your purchase. We are looking forward to staying in touch with you for years to come. We invite you to post photos of your custom truck adventures to our social media pages:

Facebook: facebook.com/supremesuspensions

Instagram: [@supreme_suspensions](https://instagram.com/@supreme_suspensions)

Twitter: [@SuprmSuspension](https://twitter.com/@SuprmSuspension)

Search "Supreme Suspensions" on YouTube.com to check out helpful installation videos and other exciting content!

Limitation of Liability

All lift kits raise a vehicle's center of gravity, making it less stable in turns and off camber situations, thus increasing the chance of roll over. Supreme Suspensions or its affiliates cannot be held responsible for any damages or personal injury resulting from the installation of this lift kit. You are knowingly modifying the suspension on the vehicle, and accept full responsibility of any changes in handling that it may cause. We do not market our products or instructions as a do-it-yourself kit. We recommend installation of all our products be performed by a Certified Automotive Technician.

Getting Started

Before you begin, please take a few moments to read through the following instructions and make sure that you are comfortable with all of the procedures. We recommend having a factory service manual handy to verify factory disassembly and re-assembly procedures.

When selecting a location to install your lift or leveling kit, a shop with a full vehicle lift is ideal. If a lift is not available, we strongly recommend selecting a space with a solid, flat, and level surface. Make sure that you have plenty of extra room to work and are able to block the wheels to prevent the vehicle from rolling off of the jack stands. Also, it is incredibly dangerous and not advised to work under a vehicle supported only by a hydraulic jack.

Before disassembling your truck, locate the area of installation and inspect all nearby components. If items like brake parts and additional suspension components are worn or damaged, now is a good time to replace them. Also, the presence of excessive rust or mud buildup can add complications to the disassembly procedures that are beyond the scope of these instructions. When in doubt, consult a professional technician.

Package Contents

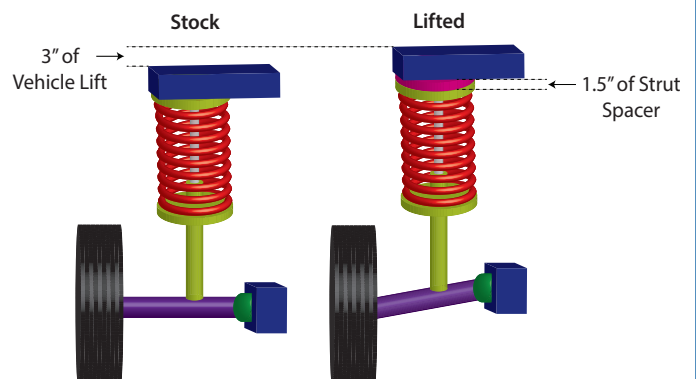
- 2x Front Spring Spacers
- 2x Shock Extenders
- Installation Hardware

Recommended Tools

- Torque wrench
- Socket wrench set
- Spanner wrench set
- Hydraulic floor jack
- Jack stand set
- Red thread locker (Loctite or similar)
- Mallet
- Pry bar

A Note About Lift Spacer Thickness

In many independent suspension systems, the thickness of the lift spacer does not necessarily reflect the amount of lift that will be achieved. You'll notice in the diagram to the right, the wheel is mounted farther from the control arm bushing (dark green) than the strut assembly (yellow/red). As a result, the wheel experiences a longer travel than the strut does. For example, installing a 1.5" thick strut spacer can deliver a 3" lift.



Instructions

1. Raise the front of the vehicle and securely support it on jack stands or a lift so that the suspension can hang freely.
2. Remove the front wheels.
3. Support the front axle with a jack.
4. Disconnect the sway bar links from the axle.
5. Disconnect the shock absorbers from the axle.
6. Disconnect the brake line and ABS wiring brackets.
7. Carefully lower the axle and remove the coil springs.
8. Remove the upper spring isolator.
9. Using the supplied bolts and backing plates, install the coil spring spacers to the upper spring mounts (Torque Spec: 70 ft-lbs.).
10. Install the spring isolators over the spring spacers.
11. Re-install the springs and raise the axle.
12. Install the shock extenders to the factory lower shock mounts (Torque Spec: 89 ft-lbs.).
13. Rotate the shock absorbers and attach them to the shock extenders (Torque Spec: 89 ft-lbs.).
14. Connect the sway bar links to the axle (Torque Spec: 110 ft-lbs.).
15. Install the wheels (Torque Spec: 150 ft-lbs.).
16. Lower the vehicle and verify that the suspension is not binding.
17. An alignment is always recommended after altering the suspension of a vehicle.