aFe CONTROL 2.5" Front Lift Kit

2022-2024 Toyota TRD Pro Tundra
2023-2024 Toyota TRD Pro Sequoia

Contents:

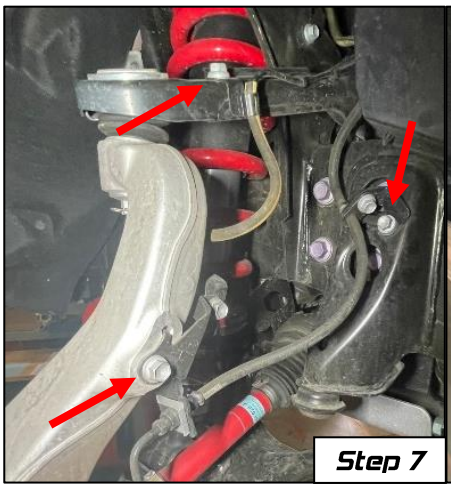
- (2) aFe CONTROL Billet Top Mount Spacers
- (2) aFe CONTROL Billet Preload Spacers

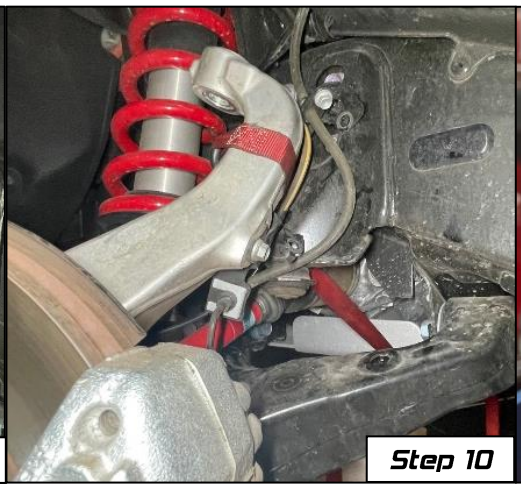
Required Tools

- Socket wrench
- Spring compressor
- Wheel chocks
- 24mm socket
- 22mm socket
- 21mm socket
- 19mm socket
- 12mm socket
- Ball joint separator
- Floor jack
- Jack stands
- 24mm wrench
- 22mm wrench
- 14mm wrench

1. Raise the vehicle with a 2-post lift or floor jack. If using a floor jack, place jack stands in the factory designated jack points. Be sure to place wheel chocks on the rear tires.
2. Using a 21mm socket, remove the wheels and tires by removing the lug nuts.
3. Using a 19mm socket, remove the sway bar end links.
4. Start with one side of the vehicle, before repeating Steps 5-23 for the other side.
5. Remove the cotter pin on the outer tie rod to knuckle nut.
6. Using a 24mm socket, remove the outer tie rod end to spindle nut, then free the tie rod taper from the knuckle with your preferred method. Once freed, swing the tie rod towards the front of the vehicle.
7. Using a 12mm socket, remove all brake line brackets from the upper control arm, steering knuckle, and frame.
8. Remove the cotter pin on the upper ball joint nut.
   NOTE: This is a reusable pin, so do not lose this, as it will be reinstalled later.
9. Using a 19mm socket, loosen, but do not fully remove, the upper ball joint nut. Then free the upper ball joint from the steering knuckle with your preferred method, allowing the knuckle to hang freely by the loosened nut.
10. Support the lower control arm with a jack, then pry down on the upper control arm, and remove the upper ball joint nut. Once removed, slowly release pressure on the upper control arm and allow the upper ball joint to fully separate from the knuckle. Lastly, swing the knuckle to the rear of the vehicle, and use a ratchet strap to hold it from swinging outwards.
    NOTE: If the knuckle is allowed to swing outward, this can lead to the halfshaft disconnecting from the CV joint
11. Using a 22mm socket and wrench, remove the lower coilover nut and bolt.
12. Mark your alignment cams so you can realign the vehicle later.
13. Using a 24mm socket and wrench, loosen, but do not remove the lower control arm frame bolts.
14. Now you should be able to slowly lower the lower control arm using the jack, and the coilover should separate from the control arm mount.
15. Using a 14mm wrench, remove the upper coilover nuts, but leave one nut loose to allow the coilover to hang.
16. Support the coilover with one hand, and fully loosen the final upper coilover nut. Then lower the whole coilover assembly downwards and towards the front of the vehicle, bottom end out first.
17. Now with the coilover removed from the vehicle, make marks in a vertical line down the outside of the coilover, inline with the factory "out" marking arrow. This is so you can index the spring isolator, lower spring mount, and upper spring mount later in the install.
18. Use a spring compressor to compress the spring until the upper spring mount is loose.
19. Using 19mm socket, remove the upper spring mount nut from the coilover.
20. Remove the upper coilover mount and the factory plastic shaft boot. Next install the spring isolator on the aFe CONTROL preload spacer, and install the spacer, isolator side down, on top of the spring, logo facing outwards aligned with the markings from Step 17.
21. Install the upper bushing mount washer and the upper mount, verifying that the "out" marking arrow is aligned with the markings from Step 17 and the aFe CONTROL Logo. Install the upper mount nut with a 19mm socket.
22. Reinstall the coilover into the vehicle, with the aFe CONTROL top mount spacer, using the factory nuts and thread locker.
    NOTE: This optional top mount spacer provides 3/8" of lift.
23. Repeat Steps 5-16 in Reverse to reinstall the coilover.
24. Repeat Steps 5-23 for the other side of the vehicle.
25. Using a 19mm socket, reinstall the sway bar end links.
26. Using a 21mm socket, reinstall the wheels and tires with the lug nuts.
27. Lower the vehicle on the ground, and torque all fasteners to the factory specifications.

Your installation is now complete! Take your vehicle to get professionally aligned, and retighten all bolts after 100 miles of driving.


Step 7


Step 10

Step 21

aFe CONTROL 1.0" Rear Lift Kit

2022-2024 Toyota TRD Pro Tundra
2023-2024 Toyota TRD Pro Sequoia

Contents:

- (2) aFe CONTROL Billet Spring Spacers

Required Tools

- Socket wrench
- Spring compressor
- Floor jack
- Jack stands
- Pry bar
- 21mm socket
- 17mm socket
- 12mm socket
- Wheel chocks

1. Raise the vehicle with a 2-post lift, or floor jack. If using a floor jack, place jack stands in the factory designated jack points. Be sure to place wheel chocks on the front tires.
2. Using a 21mm socket, remove the wheels and tires by removing the lug nuts.
3. Using a 17mm socket, remove the lower sway bar end links and nuts.
4. Start with one side of the vehicle, before repeating Steps 5-17 for the other side.
5. Support one side of the axle with a jack.
6. Using a 17mm socket, remove the lower shock bolt.
7. Pry off the lower shock eye from the axle.
8. Using a 12mm socket, remove all flexible brake line brackets.
9. Using a 12mm socket, remove the wiring harness bracket from the top of the differential housing.
10. Lower one side of the axle, using the jack, until the spring comes loose from the frame.
11. Remove the spring and spring isolator by raising it upwards to clear the lower axle mount, then lowering it outwards and rearwards.
12. Now with the spring removed from the vehicle, install the spring isolator on the bottom side of the aFe CONTROL Billet Spring Spacer.
    NOTE: Bottom of the aFe CONTROL Spring Spacer is the side without the logo.
13. Next, install the spring isolator to the top of the coil spring, with the aFe CONTROL Billet Spring Spacer facing upwards (Logo facing up).
14. Now install the whole assembly, with the spacer on top, into the vehicle. Verify the pigtail on the bottom of the spring is properly indexed with its axle mount.
    NOTE: You may need to lower the axle further in order to get the new spring assembly installed with the increased height from the spacer.
15. While holding the spring, so that it is centered with the upper spring frame mount, jack up the axle until the spring is captured.
16. Continue to jack up the rear axle until you can align and seat the lower shock eye with its axle mount.
17. Using a 17mm socket, install the lower shock bolt.
18. Repeat Steps 5-17 for the other side of the vehicle.
19. Using a 12mm socket, reinstall all flexible brake line and wiring harness brackets removed in Steps 8-9.
20. Using a 17mm socket, reinstall the lower sway bar end links and nuts.
21. Using a 21mm socket, reinstall the wheels and tires with the lug nuts.
22. Lower the vehicle on the ground, and torque all fasteners to the factory specifications.

Your installation is now complete! Take your vehicle to get professionally aligned, and retighten all fasteners after 100 miles of driving.