



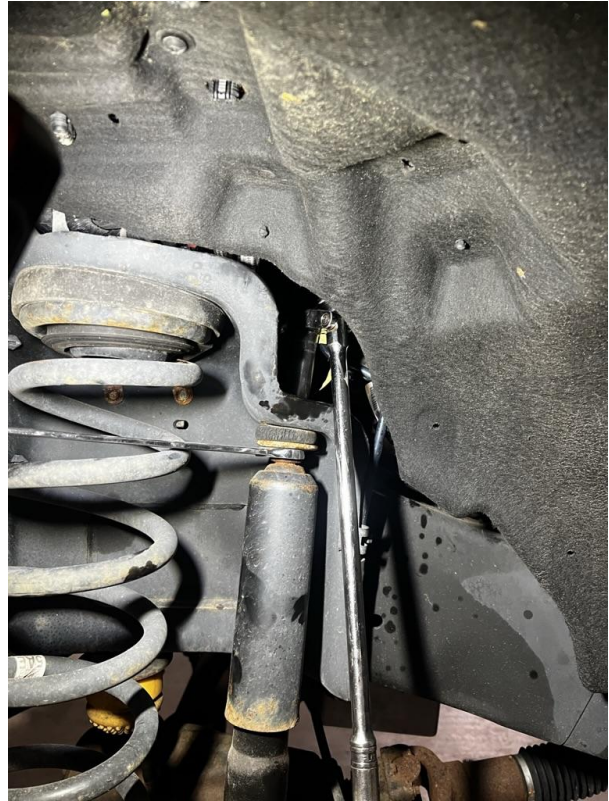
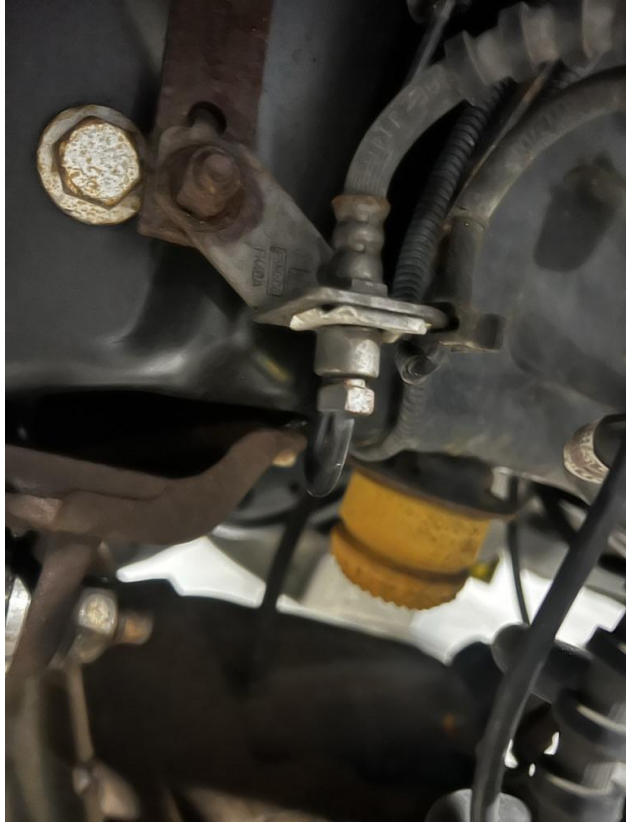
SPE 2.5" Suspension Lift Instructions

SPE recommends all steps and procedures described in these instructions be performed while the vehicle is supported on a two-post vehicle lift with safety jacks. Otherwise, park vehicle on a clean flat surface and block the rear wheels for safety. Engage the parking brake. Disconnect the vehicle power source at the ground terminal on the battery. Lock the steering wheel in the straightforward position with the column lock or steering wheel locking device.



Raise the front of the vehicle and support it with safety jack stands at each frame rail behind the lower control arms. Support the axle with a suitable jack.

2011 - 2016: Remove the brake line spring clip from the bracket at the frame.

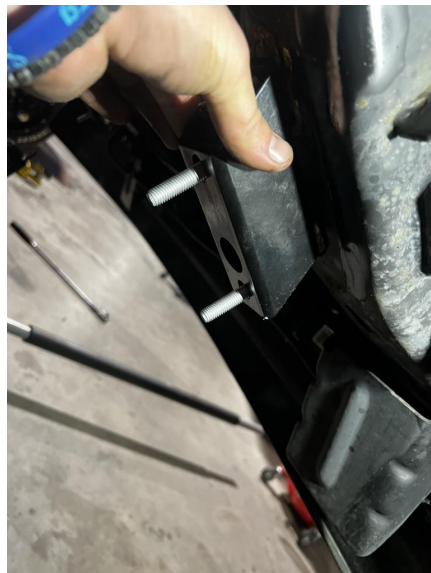


Remove the brake line bracket at the axle. Remove the upper and lower shock bolts from the axle mount. Remove the sway bar from the frame. Lower the axle enough to remove the front springs.





Make sure not to over-extend the ABS, brake lines, and vent tube. Install the urethane isolator, shock reservoir mount, spring spacer, and then factory rubber isolator onto the spring. Raise the axle enough to hold the spring assembly in place. The assembly should look as picture above.



Install the sway bar drops to the frame using factory hardware. Torque to 35 ft-lbs. Install the sway bar to the sway bar drops using the 7/16" x 1 1/2" bolts, washers, and nuts. Torque to 35 ft-lbs.



Reattach the factory brake line bracket at the axle using factory hardware. Torque to 5 ft-lbs.
2011 - 2016 front brake line: Install the brake line drop bracket to the frame using the factory hardware. Torque to 5 ft-lbs. Note: The brackets look like the factory brackets, except the locating flat is 180 degrees off. Install the brake line block using the factory clip. Reconnect the ABS line. Do not clip back to the fender liner.

2017 - UP front brake line: Install the brake line bracket to the factory brake line using 5/16" x 3/4" bolts, washers, and nuts. Install the bolt facing outwards. Torque to 10 ft-lbs. Gently pull the metal brake line down while lining up the bracket to the original holes in the frame. Install using factory hardware. Torque to 5 ft-lbs. The factory hard lines may need to be adjusted.



Install the shocks with factory hardware. Mount the reservoir with the Fox clamps on to the mount. Install the rear shocks if included. Torque shock hardware to 35 lb-ft.

If installing shock extension brackets for stock length user-provided shocks, follow these instructions:

For the shock extensions- the extension lower bolt holes are offset. The offset hole will be closest to the radius arm. Install the shock extensions to the axle using factory hardware and the shock to the shock extensions using the M12 x 70mm bolt, washers, and nuts. Do not tighten at this time. Install the shock extensions to the axle using factory hardware, making sure the offset hole is towards the rear of the axle. Install the shock to the shock extensions using the M14 x 70mm bolt, washers, and nuts. Torque to 45 ft-lbs. (2017 and up models shown, earlier models differ slightly. The offset hole will end up towards the radius arm.)



Remove the factory bump stop by pulling it out of its mount. Remove the mount from the frame by pulling it out of its mount. Install the bump stop spacer and factory bump stop mount to the frame using an M8 x 70 mm bolt and washer. Torque to 5 ft-lbs. Install the bump stop to the factory mount by pressing it back into place.



Remove the factory track bar. Then remove the bracket and install the new included drop bracket. Remove the track bar from the factory track bar bracket at the frame. Remove the factory track bar bracket from the frame. Install the track bar bracket to the frame using factory hardware. Torque to 95 ft-lbs. Install the track bar to the bracket using factory hardware. Install the billet track bar bushing. Follow the SPE instructions for the bushing installation. Lower the vehicle to the ground for torque. Torque the track bar hardware to 250 lb-ft.



Install the wheels and lower the vehicle to the ground. Torque the lug nuts to the wheel manufacturer's specs. Jounce the suspension a few times to settle to the new ride height. Install rear 1" blocks if optional. With the vehicle frame on stands and jack under the rear end, remove u-bolts and install the blocks. Tighten to 150 lb-ft.

Drive the vehicle and recheck all bolts for proper torque. Make sure to get the vehicle properly aligned by professionals after installing your lift.