



KJ Liberty 2" Spacer Lift Installation Instructions Part #: RT21050

Kit Contents

- 2 Front Strut Spacers
- 2 Rear Coil Spring Spacers
- 2 Extended Front Bump Stops
- 8 Washers
- 8 Nuts



Ensure that all components in kit are accounted for.

Front Installation

1. Place wheel chocks against the rear tires. Lift the vehicle by the front lower control arms, support the vehicle with jack stands at the frame, and remove the wheels.
2. Remove the air box & tube assembly from throttle body and set aside.
3. Remove the battery and battery tray and set aside.
4. Loosen but do not remove the four strut mount nuts located at the top of the inside of the fender.
5. Remove the 21mm nut connecting the upper control arm from the steering knuckle and separate using a hammer or ball joint separator.
6. Remove the 21mm nut and bolt connecting the lower control arm and the strut clevis.
7. Remove the bolt connecting the strut clevis to the strut.
8. Remove the sway bar end link from the lower control arm.
9. With assistance, pry the lower control arm & steering knuckle downwards. Remove the strut clevis from the strut.
10. Remove the four strut mount nuts followed by the strut assembly.
11. Install the new Front Strut Spacer to the top of the strut mount using the factory nuts to secure. Torque to 80 ft. lbs.
12. Install the strut assembly into place and loosely secure using the supplied hardware; one washer and nut per stud. Once set in place, re-install the strut clevis onto the strut using the OE hardware. Torque to 45 ft. lbs.
13. Install the strut clevis to the control arm using the OE hardware. Do not torque at this time.

14. Raise the lower control arm and steering knuckle assembly back into place and install the upper ball joint nut. Torque to 60 ft. lbs.
15. Remove the front bump stop and replace with the supplied Extended Front Bump Stop. Grease may help with installing the new bump stop.
16. Repeat steps 4-15 for the opposite side.
17. Install the wheels and tires and lower vehicle onto the ground. Jounce the suspension to ensure the vehicle is at ride height.
18. Torque the strut mount hardware to 80 ft. lbs.
19. Torque the strut clevis to control arm bolts to 110 ft. lbs.
20. Install sway bar end links and torque 100 ft. lbs.
21. Install battery tray, battery, air box & tube assembly.
22. Install the wheels and tires and lower the vehicle to the ground. Torque all lug nuts to 95 ft. lbs.

Rear Installation

1. Place wheel chocks against the front tires. Lift the vehicle by the rear axle, support the vehicle with jack stands at the frame, and remove the wheels.
2. Disconnect the rear shocks either at the axle or the body.
3. Remove the rear coil springs from the coil bucket. Articulating the axle may ease the process.
4. Remove the factory coil spring isolator from the axle and set new Coil Spring Spacer in its place.
5. Install the coil spring. Install the shock absorber using the OE hardware and torque to 80 ft. lbs.
6. Repeat for the opposite side.
7. Install the wheels and tires and lower the vehicle to the ground. Torque all lug nuts to 95 ft. lbs.

Check torque on all bolts after 100 miles of driving.

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