



KT09112 1996-2001 4-Runner 2WD & 4WD

1 ½" Front Coil Spring Spacer Lift Kit With Rear Coil Spring Spacers

Bill of Materials		
Part No.	Description	Qty.
M00337	Boot Shock/Strut	4
M02233	End Link Bushings	4
M03112	Bump stop	4
M03272	Coil Spring Spacer	2

P10027	Grease Pack	2
P01055	Cable Ties	4
M03277	Coil Spring Spacers	2
S10762	M10-1.25X 50mm Stud	6
S10518	10mm Nylock Nut	6

IMPORTANT NOTE: The advertised amount of lift that this kit provides and the thickness of the spacers supplied will not be the same! For example, a 2-1/2" lift may only have 1-1/2" thick spacers. The reason for the difference between the spacer thickness and the amount of lift has to do with suspension geometry. There is a ratio involved, and it is this ratio that determines the thickness of the spacers. Rest assured, installing the spacer supplied will result in the proper amount of lift out at the wheel.

INSTALLATION INSTRUCTIONS

FRONT

1. Read complete instructions before beginning installation, the following special tools are recommended: Coil spring compressor, floor jack, ball joint separator, jack stands, and metric hand tools.
2. Jack the vehicle in the center of the front cross member.
3. Support the vehicle by placing jack stands on the frame cross member so that the front tire/wheels are off the ground.
4. Remove the front tires/wheels.
5. Disconnect the sway bar end links and remove the upper ball joint cotter pin and nut.
6. Separate the upper ball joint from the spindle. (Using ball joint separator or a suitable tool)
7. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the frame mount.
8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. (Note the direction of the bolt for reinstallation)
9. Compress the coil spring on the strut assembly with a suitable coil spring compressor and remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly from the strut and install the strut boot.
11. Remove the coil spring isolator from the strut mounting plate.
12. Remove the 3 pressed in studs on the upper strut isolator mount and install the supplied 10mm bolts without nuts.
13. Reinstall the coil spring isolator to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mount plate using the new strut stem cushions and stock hardware.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation.
16. Slide the coil spring spacer onto the strut assembly over the 10mm bolts.
17. Install the strut assembly into the strut tower and start the upper three 10mm nuts with spring washers. (Make sure that the bottom of the strut is aligned as well)
18. Install the lower strut bolt in the original position that it was removed. (Step 8)
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Make sure that you replace the cotter pin. (Not supplied)
20. Install the front tires/wheels.
21. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side)
22. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.





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INSTALLATION INSTRUCTIONS
REAR

1. Jack up rear end and place jack stands under frame allowing rear suspension to move up and down freely.
2. Disconnect lower shock mount bolts/nuts so that the rear axle droops and the coil springs become loose.
3. Disconnect the panhard bar at the drivers side of the axle.
4. Remove the coil spring and the coil spring isolator/bump-stop.
5. Place the isolator/bump-stop into the new coil spring spacer and then onto the frame. Reinstall the coil spring in between the coil spring spacer and the axle. (Note: you may have to pry the coil spring onto the axle pad.)
6. Jack up the rear suspension so that the coil spring seats into the coil spring spacer and on the axle pad. Reconnect the lower shocks mount bolts/nuts and reconnect the panhard bar.
7. Jack up the rear of the vehicle, remove the jack stands and lower the vehicle. Check all bolts/nuts for tightness and recheck after 500 miles.

