



## PANL220PA – Nissan 2004-12 Titan 2 1/2” Lift



Tools required	
Description	Qty.
Wrench set & Socket set	1
Floor Jack	1
Jack Stand	2+

Bill of Materials		
Part #	Description	Qty
M03875	Top spacer	2
S11134	Stud extender	6
S10518	10mm-1.25 lock 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.

1. Layout all parts and check quantities against the Bill of Materials. Completely read instructions before beginning installation.
2. Do not install the kit on another lift or altered suspension.
3. Jack the front of the vehicle in accordance to manufacturer recommendation and support with jack stands, so that the front two tires are off the ground
4. Remove the front tires/wheels.
5. Remove sway bar end link.
6. Remove upper ball joint nut and remove spindle from upper A-arm.
7. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the strut tower (Hint: Leave one nut on to prevent the strut from dropping out in the next step.)
8. Remove lower strut bolt from the lower control arm and remove the strut assembly from vehicle. (Note the direction of the bolt for reinstallation)
9. Install the 3 washers on the plate then the stud extenders with the M03875 spacer on top of strut assembly.
10. Install the strut assembly into the strut tower and start the upper three 10mm nuts & washers. (Make sure that the bottom of the strut is aligned as well)
11. Install the lower strut bolt in the original position that it was removed.
12. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Torque per OEM specifications.
13. Reconnect the sway bar end links. Torque per OEM specifications.
14. Install the front tires/wheels.
15. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side).
16. Torque all bolts to factory specifications.
17. Have wheel alignment done after installation.
18. Re-torque all bolts after 500 miles.

### WARNING

This vehicle has been modified to enhance its performance. The steering, braking and handling of this vehicle will differ from standard passenger cars and trucks; this vehicle handles differently from an ordinary vehicle in driving conditions which may occur on streets, highways and off road.

Avoid unnecessary abrupt maneuvers, sudden stops, sharp turns and other driving conditions that could cause loss of control, possibly leading to a roll over or other accident that could result in serious injury or death to driver and passengers. If larger tires are installed the speedometer will read lower than the vehicles actual speed.

**DRIVE WITH CARE, REDUCE SPEED AND WEAR SEAT BELTS AT ALL TIMES.**

***Do not combine with any other suspension kit.  
This kit should be installed by a professional mechanic.***