KN09105 – 2005-2012 Nissan Xterra/Frontier 2" Lift

Shown above: S Model with KN09105 2” lift and 32X10.50X16 BFG AT’s

Tools required
Description:
Standard sockets, hand tools Etc.
Hydraulic Lift is Recommended
Floor Jacks / Jack Stands
Ball joint separator

Bill of Materials		
Part #	Description	Qty
S11014	SHACKLES (REAR)	2
M03678	SPRING BUSHING	4
M03679	SPRING BUSHING	4
S11010	STEEL TUBING 0.584X0.750X3.950	2
S11011	STEEL TUBING 0.584X0.750X2.865	2
S10205	9/16-12 NYLOCK NUTS	4
S10199	9/16-12 X 4-1/2" GR5 GREASABLE BOLT	2
S10388	9/16-12 X 5-1/2" GR5 GREASABLE BOLT	2
S11015	9/16 SAE NARROW WASHER	8
M20463	STRUT SPACER (FRONT)	2
S11134	STUD EXTENDERS	6
S10077	7/16 SAE NARROW WASHER (FRONT)	6

INSTALLATION INSTRUCTIONS

(Not to be used with a lifted or altered suspension)

1. Read instructions completely, verify bill of materials and determine if you have the correct tools before beginning installation.

Front Installation

2. Raise vehicle until front tires are clear, support the vehicle.
3. Remove the front tire and wheel assembly.
4. Remove the lower stabilizer link bolt and move sway-bar assembly out of way.
5. Remove the upper ball joint nut.
6. Separate the upper ball joint from the spindle.
7. Remove upper strut nuts on the strut tower(3) on each side of the vehicle that holds the strut assembly to the strut tower (Hint: Leave one nut on to provent 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 stud extenders with the M20463 spacer on top of the strut assembly.
10. Install the strut assembly and start the upper three 10mm buts and washer.
11. Install the lower strut bolt in the original position that it was removed.
12. Using he 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.