



## KN09106 – 2005-UP Nissan Xterra/Frontier 2” Front Leveling Kit

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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
S11013	STRUT SPACER (FRONT)	2
S10203	7/16-14 NYLOCK NUTS (FRONT)	6
S11016	7/16 SAE NARROW WASHER (FRONT)	6

### INSTALLATION INSTRUCTIONS

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 the strut assembly and install the strut spacer see Fig. 1.
  8. Rotate the strut (with spacer installed) 180 °.
- Reassemble spindle and ball joint

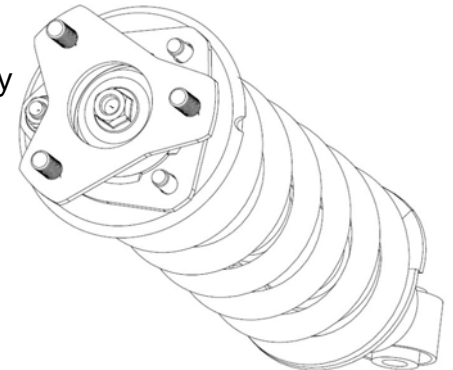


Fig 1. OE STRUT WITH SPACER ON TOP

### 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.**

*This kit should be installed by a professional mechanic.*

