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2016 - 2017 Nissan Titan XD  
2WD / 4WD  
2" Value Kit

Installation Instructions

REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Sockets & Wrenches
- Ball Joint / Tie Rod Remover
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

Make sure you park the vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from the factory & is usually not noticed until a lift kit has been installed, which makes the difference more visible. Using a measuring tape, measure the front & rear of the vehicle (both sides) from the ground up to the center of the fender opening above the axle. Record this information below for future reference.

Driver Side Front: \_\_\_\_\_ Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_ Passenger Side Rear: \_\_\_\_\_

Important Notes:

- This leveling kit is **not designed** to be used on **Pro-4X** models.
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Nissan dealer or an authorized dealer for details.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.

## Component Box Breakdown:

### Part #: NT26MSP

Item #	Description	Qty	Item #	Description	Qty
NT20MS-S	UPPER METAL STRUT SPACER	2	HB-10MMX50DES	HDWR BAG: 10MMX50DES	1
RBF125	1.25" FLAT REAR BLOCK	2	HB-916	HDWR BAG: 9/16FTN	1
916X318X912U	9/16" X 3 1/8" X 9 1/2" SQ U-BOLT	4	I-NT26MSP	INST SHEET: NT26MSP	1

## Hardware Bag Breakdown:

### Part # HB-10MMX50DES

Item #	Description	Qty	Item #	Description	Qty
10MMX50DES	10MM X 50MM DOUBLE END STUD	6	38SAEW	3/8" SAE WASHER	6
10MMN-1.25	10MM - 1.25 NYLON LOCK NUT	6			

### Part # HB-916

Item #	Description	Qty
916FTN	9/16" FINE THREAD LOCK NUT	8

## Front Installation:

1. With the vehicle on flat level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle & support the vehicle securely using jack stands.
3. Remove the front tires / wheels using a 13/16" socket. (See Photo # 1)
4. Disconnect each OEM brake line from the OEM steering knuckles using a 13mm socket / wrench. (See Photo # 2)
5. Disconnect each OEM outer tie rod from the OEM steering knuckles using a 22mm socket / wrench & tie rod remover or other suitable tool. (See Photo # 3)



6. Disconnect each OEM sway bar end link from the OEM lower control arms using a 17mm socket / wrench. (See Photo # 4)
7. Disconnect each OEM upper ball joint from the OEM steering knuckles using a 22mm socket / wrench & ball joint remover or other suitable tool. (See Photo # 5)
8. Mark the outside of each OEM lower strut assembly eyelet & disconnect each OEM strut assembly from the OEM lower control arms using a 19mm or 22mm (XD Models) socket / wrench. (See Photo # 6)
9. Disconnect each OEM strut assembly from the upper strut mounting brackets using a 14mm socket / wrench. (See Photo # 7)
10. Remove each OEM strut assembly from the vehicle.
11. Apply the supplied thread locking compound to the coarse threaded end of the supplied double ended studs & thread into each new Skyjacker upper strut spacer. (See Photo # 8)
12. Install a new Skyjacker upper strut spacer on top of each OEM strut assembly using the OEM hardware & a 14mm socket. (See Photo # 8)
13. Install each OEM strut assembly by aligning the new Skyjacker upper strut spacer studs with the upper strut mounting brackets using the supplied 10mm nuts, 3/8" SAE washers, & a 17mm socket / wrench. (See Photo # 9) **Note:** Do not fully tighten at this time.
14. Connect each OEM strut assembly to the OEM lower control arms using the OEM hardware & a 19mm or 22mm (XD Models) socket / wrench. (See Photo # 6) **Note:** It may be necessary to use a large adjustable wrench to rotate the bottom eyelet of each OEM strut arms to align with the lower mount on the OEM lower control arms. Fully tighten the upper & lower OEM strut assembly hardware at this time using a 17mm, 19mm, or 22mm (XD Models) socket / wrench.



15. Using a floor jack, raise the lower control arm & connect each OEM upper ball joint to the OEM steering knuckles using the OEM hardware & a 22mm socket / wrench. (See Photo # 5)
16. Connect each OEM sway bar end link to the OEM lower control arms using a 17mm socket / wrench. (See Photo # 4)
17. Connect each OEM outer tie rod to the OEM steering knuckles using a 22mm socket / wrench. (See Photo # 3)
18. Connect each OEM brake line to the OEM steering knuckles using a 13mm socket / wrench. (See Photo # 2)
19. Install the front tires / wheels using a 13/16" socket & lower the front of the vehicle to the ground. (See Photo # 1)

## **Rear Installation:**

1. Block the front tires / wheels, raise the rear of the vehicle, & support securely using jack stands.
2. While supporting the rear differential, remove the rear tires / wheels using a 13/16" socket.
3. Disconnect the OEM rear shocks from the rear differential using a 19mm & 21mm socket / wrench.
4. Disconnect the OEM sway bar end links from the OEM sway bar using a 18mm socket / wrench.
5. Remove the OEM u-bolts using a 19mm socket / wrench. **Note:** The rear differential will now be free to move, support securely using a floor jack.
6. Lower the rear differential & install the new Skyjacker rear lift blocks between the OEM rear leaf spring & axle pad.
7. Raise the rear differential to the OEM rear leaf springs. **Note:** Be sure the rear leaf spring center tie bolts & block pins align in the proper holes & are completely seated.
8. Install the new Skyjacker u-bolts using the supplied 9/16" fine thread nuts & a 7/8" socket / wrench.
9. Connect the OEM sway bar end links to the OEM sway bar using a 18mm socket / wrench.
10. Connect the OEM rear shocks to the rear differential using a 19mm & 21mm socket / wrench.
11. Install the rear tires / wheels using a 13/16" socket & lower the rear of the vehicle to the ground.

**Final Notes:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for the proper torque specifications. (Do not retighten nuts & bolts where thread lock compound was used.)
- With the vehicle placed on the ground, cycle the steering lock to lock & inspect the steering, suspension, brake lines, front & rear drivelines, fuel lines, & wiring harnesses for proper operation, tightness, & adequate clearance.
- Have the headlights readjusted to the proper settings.
- Have a qualified alignment center realign the vehicle to the OEM specifications.
- After the first 100 miles, check all hardware for the proper torque & periodically thereafter.

<b>TORQUE SPECIFICATIONS</b>					
<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FTLB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**