



## INSTALLATION INSTRUCTIONS

FTL5501		NISSAN TITAN XD 2" KIT
1	FT60067BK	SPACER (DRIVER)
1	FT60068BK	SPACER (PASSENGER)
2	FT60069	BUMP STOP SPACER
2	FT60070	NUT TAB
1	FT60077	HARDWARE KIT
1	FTREGCARD	REGISTRATION CARD
1	FTAS12	STICKER FT BLUE 10X4
1	FTAS16	DRIVER WARNING DECAL
1	FT5501i	INSTRUCTIONS

FT60077 - HARDWARE KIT		LOCATION
6	3/8-16 C-LOCK NUT	
6	3/8 SAE WASHER G8 ZINC	
2	7/16" SPLIT LOCK WASHER	
2	7/16-14 X 1-1/4" HEX BOLT	
1	THREAD LOCKING COMPOUND	

## 2016-2017 NISSAN TITAN XD 2" LEVELING KIT

**FTL5501**



## - TOOL LIST -

### *Required Tools (Not Included)*

Basic Hand Tools  
Floor Jack  
Jack Stands  
Assorted Metric and S.A.E sockets, and Allen wrenches  
Torque Wrench  
Drill w/Assorted drill bits

## - PRE-INSTALLATION NOTES -

### ***READ THIS BEFORE YOU BEGIN INSTALLATION -***

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech and a replacement part will be sent to you immediately.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics.

Use the provided thread locking compound on all hardware.

**WARNING-** Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

### **FOOTNOTES:**

# - INSTRUCTIONS -

## FRONT SUSPENSION

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
2. Loosen the tie rod nut and carefully strike the knuckle with a hammer until it comes loose. Save hardware. **SEE FIGURE 1**

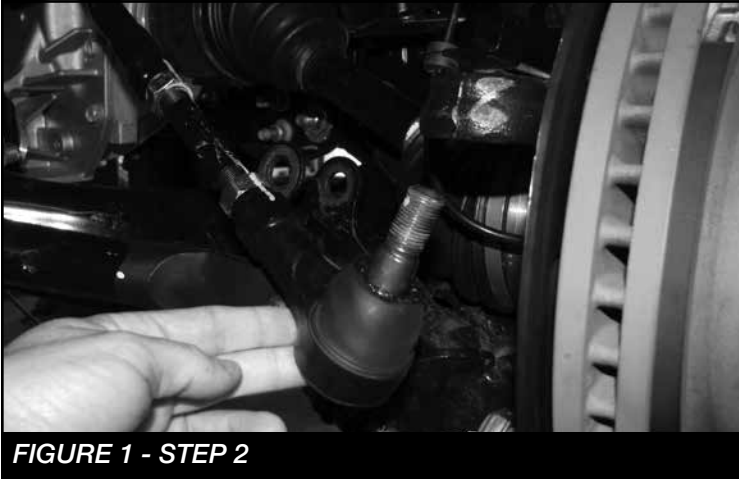


FIGURE 1 - STEP 2

3. Remove the factory coil over lower bolt and upper nuts, and remove from vehicle. Save hardware. **SEE FIGURE 2**

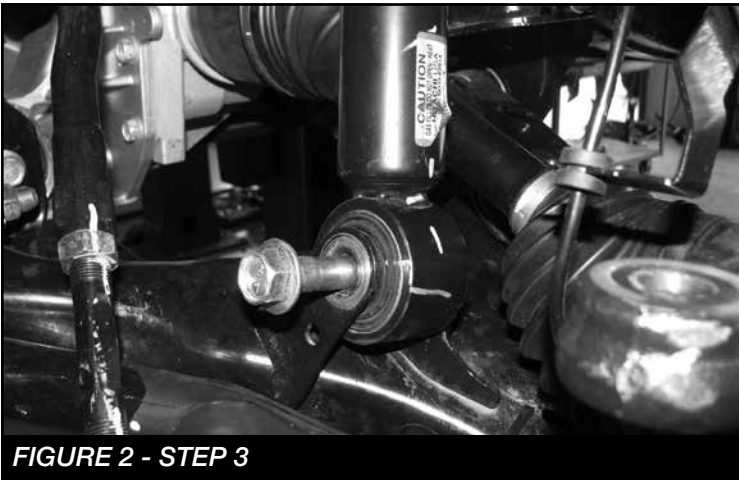


FIGURE 2 - STEP 3

4. Locate the factory bump stop pad on the frame. Mark the center of the bump stop face and drill a 7/16" hole. **SEE FIGURE 3-4**



FIGURE 3 - STEP 4



FIGURE 4 - STEP 5

5. Locate FT60070 (Nut Tab), FT60069 (Bump stop spacer) and 7/16" hardware. Install the Bump stop spacer with the 7/16" hardware by inserting the nut tab through the existing hole on the back side of the factory bump stop. Torque to 83 ft-lbs. **SEE FIGURE 5-6**

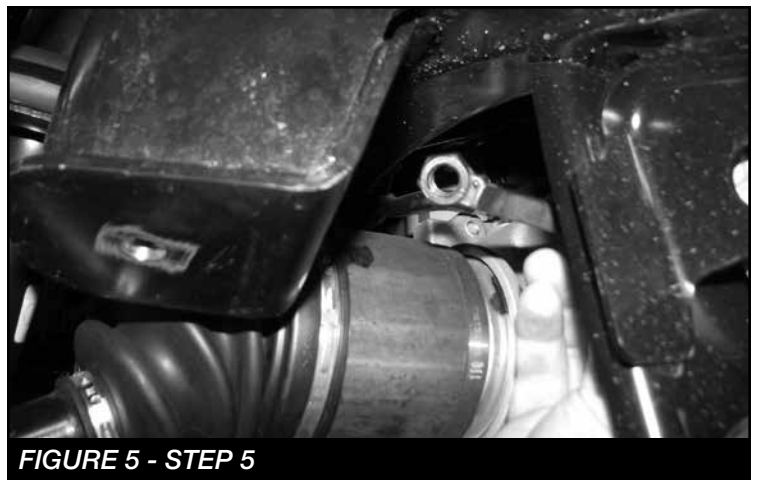
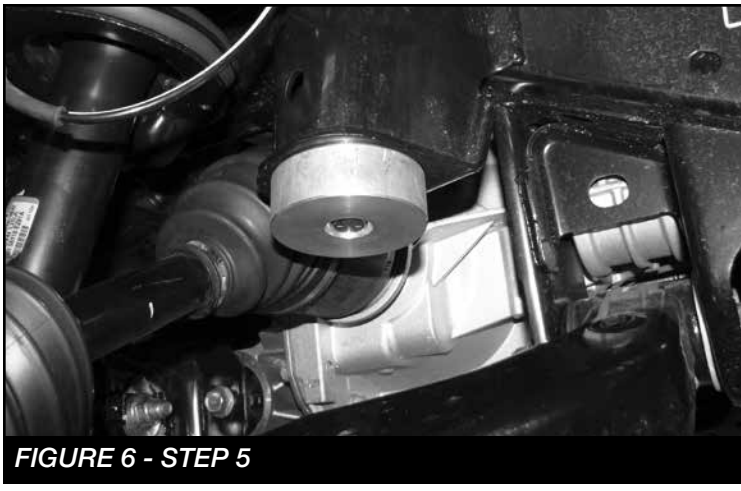
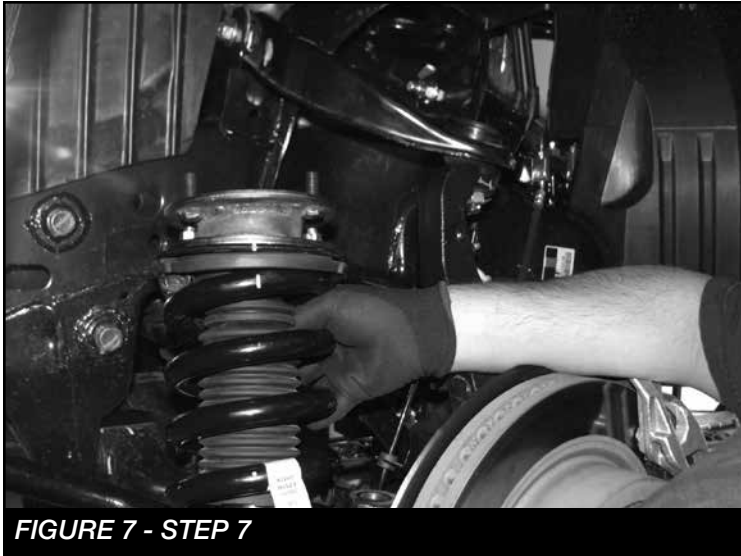


FIGURE 5 - STEP 5



**FIGURE 6 - STEP 5**

6. Locate FT60067BK (Driver Strut Spacer) and install onto the drivers factory coil over using the factory nuts. **NOTE: The notch on the spacer needs to be installed towards the rear of the vehicle.** Install the coilover back into the vehicle using the supplied 3/8" hardware for the upper mount and the factory hardware for the lower mount. Torque to 52 ft-lbs. **SEE FIGURE 7**



**FIGURE 7 - STEP 7**

7. Reinstall the tie rod to the knuckle. Torque to 52 ft-lbs
8. Repeat steps 2-17 on the passenger side.
9. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note - Some oversized tires may require trimming of the front bumper & valance.**
10. Check front end alignment and set to factory specifications. Readjust headlights.

11. Recheck all bolts for proper torque.
12. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
13. Check the fluid in the front and rear differential and fill if needed with factory specification differential oil. **Note - some differentials may expel fluid after filling and driving. This can be normal in resetting the fluid level with the new position of the differential/s.**
14. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

**Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.**

**RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.**