



**PRODUCT: 705340**  
**04-12 NISSAN TITAN 2WD 4" [LIFT SPINDLES](#)**

**PARTS LIST QTY**

LIFT SPINDLE - DRIVER SIDE	2
LIFT SPINDLE - PASS. SIDE	2
FLAT WASHER, 9/16" SAE	4
HEX CAP SCREW, M14-1.5X70MM	4
EXTENDED BRAKE LINE	2

**PRIOR TO INSTALLATION:**

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation
3. Always wear safety glasses when using power tools or working under the vehicle
4. Modifications to any part will void the warranty associated with that product.
5. Jack up front of vehicle, place jack stands under frame, behind front suspension.

After removing parts from vehicle, save hardware for reinstallation

**IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW TIRES. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.**

1. Unbolt the brake line from the spindle bracket.
2. Unbolt brake caliper and support, do not let it hang by the brake or ABS wire.
3. Remove the brake rotor.



4. Unbolt ABS sensor from unit bearing and hang out of the way.
5. Unbolt tie rod, and break loose with a hammer by hitting the side of the spindle
6. Unbolt unit bearing and set off to the side



7. Discard dust shield, it will not be used with the new lift spindle.
8. Unbolt Lower ball joint through bolt and leave bolt in until upper ball joint is removed.
9. Loosen upper ball joint, do not completely remove the nut.
10. Break upper ball joint loose by hitting side of spindle with a hammer, remove nut then spindle.



11. Slide Maxtrac spindle over lower ball joint and install factory bolt and nut (don't tighten yet)
12. Pull upper arm down so upper ball joint inserts into spindle and then tighten nut to secure.



13. Install tie rod from the top down on Maxtrac spindle and then tighten
14. Install unit bearing using 2 provided bolts and 1 factory bolt. The lower ball joint bolt will need to be moved back and forth to install lower bearing bolt.
15. Tighten lower ball joint bolt.
16. Remove ABS wire from frame bracket.



17. Install ABS sensor back into unit bearing and then tighten.
18. Install rotor, then bolt up brake caliper and tighten.
19. Remove brake line retainer clip from frame bracket.



20. Unbolt factory brake line at frame and caliper. Then install new steel braided brake line and tighten. Install provided clip at the frame bracket next to the shock tower.
21. Brakes must be bled of air before the truck is driven.

REINSTALL WHEELS, ALIGN FROM END

RETORQUE ALL HARDWARE AFTER 50 MILES, THEN AGAIN AFTER 500 MILES AND EVERY 3000 MILES.